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# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

Mary Carman  
Commissioner of Patents

Mary Carman  
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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## Notices

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

#### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date ( Re-Issued, Re-Examined )
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

### 1. Dates et chiffres de code figurant à l'entête des brevets

#### Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

#### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
  
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction ( Redélivrance, Réexamen )
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## Avis

### 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: [www.wipo.int/scit/en/standards/standards.htm](http://www.wipo.int/scit/en/standards/standards.htm).

### 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting [www.strategis.ic.gc.ca/patentsorder](http://www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

### 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

### 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: [www.wipo.int/scit/fr/standards/standards.htm](http://www.wipo.int/scit/fr/standards/standards.htm).

### 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web [www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

### 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

## Notices

### 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

### 6. Licensing of Patents

#### Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

#### Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

### 7. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

### 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing

**none**

### 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

### 6. Octroi de licences en vertu des brevets

#### Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

#### Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

### 7. Brevets disponibles pour licence ou vente

Un astérisque (\*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

### 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

**aucun**

## 9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

## 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

## 11. PATENT COOPERATION TREATY (PCT) SCHEDULE OF FEES APPLICABLE FOR APPLICATIONS FILED ON OR AFTER January 1st, 2012

<b>1. Transmittal Fee (Rule 14)</b>	<b>\$300</b>
<b>2. International Filing Fee</b>	<b>\$1518*</b>
For each additional sheet over 30	<b>\$17</b>
<b>3. International Search Fee</b>	<b>\$1600</b>

The above-mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation.

## 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

## 10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## 11. TRAITÉ DE COOPÉRATION EN MATIÈRE DE BREVETS (PCT) BARÈME DE TAXES À PARTIR DU 1er janvier 2012

<b>1. Taxe de transmission (Règle 14)</b>	<b>300 \$</b>
<b>2. Taxe de dépôt internationale</b>	<b>1518 \$*</b>
Pour chaque feuille au delà de 30	<b>17 \$</b>
<b>3. Taxe de recherche internationale</b>	<b>1600 \$</b>

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un

## Notices

Failure to pay the fees will result in the withdrawal of the application by the receiving office.

### 4. Late payment fee

**50% of the fees that are due, or,  
Minimum: Transmittal fee  
Maximum: 50% of the international  
filing fee**

### Preliminary Examination

**5. Handling fee (Rule 57.2(a))** **\$228**

**6. Preliminary examination fee** **\$800**  
(Rule 58)

\* International fees will be reduced by:

- **\$114** for all applications filed using PCT-EASY,
- **\$228** for all applications filed electronically using PCT-SAFE (The request in character coded format).
- **\$342** for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

## 12. PCT notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by "E-mail"

[publications.mail@wipo.int](mailto:publications.mail@wipo.int) or visit their Web site [www.wipo.int](http://www.wipo.int).

délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

### 4. Taxe pour paiement tardif

**50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : 50% de la taxe de dépôt  
international**

### Examen préliminaire

**5. Taxe de traitement** (Règle 57.2a) **228 \$**

**6. Taxe d'examen préliminaire** **800 \$**  
(Règle 58)

\* Les frais seront réduits de:

- **\$114** pour toutes les demandes déposées en utilisant PCT-EASY,
- **\$228** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- **\$342** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site Web [www.wipo.int](http://www.wipo.int).

### 13. Practice notice

#### STATUTORY HOLIDAYS (*DIES NON*)

**Note:** This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are deliv-

### 13. Énoncé de pratique

#### JOURS FÉRIÉS (*DIES NON*)

**Nota :** Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les docu-

## Notices

ered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

(i) on which such Office or organization is not open to the public for the purposes of the transaction of official business;

(ii) on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

(iii) which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

(iv) which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada.

Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

ments sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

“Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i) où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii) où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii) qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv) qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.”

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire:

## Avis

- 1) **Alberta**: 3rd Monday in February (Alberta Family Day)
  - 2) **British Columbia**: 1st Monday in August (British Columbia Day)
  - 3) **New Brunswick**: 1st Monday in August (New Brunswick Day)
  - 4) **Nova Scotia**: 1st Monday in August (Civic Holiday)
  - 5) **Ontario**: 3rd Monday in February (Ontario Family Day)  
1st Monday in August (Civic Holiday)
  - 6) **Quebec**: June 24 (St. John the Baptist Day)
  - 7) **Saskatchewan**: 1st Monday in August (Saskatchewan Day)
  - 8) **Yukon**: 3rd Monday in August (Discovery Day)
- When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

- 1) All Saturdays and Sundays
- 2) \*New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) \*St. John the Baptist Day (June 24)
- 7) \*Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) \*Remembrance Day (November 11)
- 11) \*Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

### 14. Practice notice

#### LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

*Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any incon-*

- 1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
  - 2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
  - 3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
  - 4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
  - 5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario)  
1er lundi d'août (congé statutaire)
  - 6) **Québec** : 24 juin (Saint-Jean-Baptiste)
  - 7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
  - 8) **Yukon** : 3e lundi d'août (Jour de la Découverte)
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

- 1) Tous les samedi et dimanche
- 2) \*Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédant immédiatement le 25 mai
- 6) \*Saint-Jean-Baptiste (le 24 juin)
- 7) \*Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) \*Jour du souvenir (11 novembre)
- 11) \*Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

\*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

### 14. Énoncé de pratique

#### LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

*Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de diver-*

## Notices

*sistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as “the Offices”) have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression “patent agent” means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term “firm” includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

*gence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

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Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

### 15. Correspondence Procedures

May 8, 2012

**Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.**

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as “CIPO”) is:

Canadian Intellectual Property Office  
Place du Portage I  
50 Victoria Street, Room C-114  
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

**Note regarding Fee Payment Forms:** The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d’être inscrites au registre ou à la liste des agents, étant donné que les compagnies n’ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l’alinéa 15c) des *Règles sur les brevets* et de l’alinéa 21d) du *Règlement sur les marques de commerce* (1996)

### 15. Procédures de correspondance

Le 8 mai 2012

**Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.**

Note : Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l’Office de la propriété intellectuelle du Canada. Toutefois, en cas d’incompatibilité entre cet avis et la législation applicable, c’est celle-ci qu’il faudra suivre.

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l’article 3 du *Règlement sur les marques de commerce*, de l’article 2 du *Règlement sur le droit d’auteur*, de l’article 3 du *Règlement sur les dessins industriels* et de l’article 3 du *Règlement sur les topographies de circuits intégrés*, l’adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d’auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés “OPIC” est la suivante:

Office de la propriété intellectuelle du Canada  
Place du Portage I  
50, rue Victoria, pièce C-114  
Gatineau (Québec) K1A 0C9

La correspondance livrée à l’adresse ci-dessus pendant les heures normales d’ouverture sera réputée reçue le jour de la livraison.

**Note concernant le formulaire de paiements:** Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l’OPIC contenant de l’information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada  
C.D. Howe Building  
235 Queen Street, Room S-143  
Ottawa ON K1A 0H5  
Tel.: 613-952-2268
2. Industry Canada  
5 Place Ville-Marie, Suite 700  
Montreal QC H3B 2G2  
Tel.: 514-496-1797  
Toll-free: 1 888 237-3037
3. Industry Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: 416-973-5000
4. Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 725  
Edmonton AB T5J 4C3  
Tel.: 780-495-4782  
Toll-free: 1 800 461-2646
5. Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

### 1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants:

1. Industrie Canada  
Édifce C.D. Howe  
235, rue Queen, pièce S-143  
Ottawa (Ontario) K1A 0H5  
Tél. : 613-952-2268
2. Industrie Canada  
5, Place Ville-Marie, pièce 700  
Montréal (Québec) H3B 2G2  
Tél. : 514-496-1797  
Sans frais : 1-888-237-3037
3. Industrie Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : 416-973-5000
4. Industrie Canada  
Canada Place  
9700, avenue Jasper, pièce 725  
Edmonton (Alberta) T5J 4C3  
Tél. : 780-495-4782  
Sans frais : 1-800-461-2646
5. Industrie Canada  
Library Square  
300, rue Georgia Ouest, pièce 2000  
Vancouver (C.-B.) V6B 6E1  
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

## Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

### 2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

### 3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web](#) site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

### 2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

## Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

### 3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or  
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

### Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

### 3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's web site.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous:

819-953-OPIC (953-6742) ou  
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

### Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

### 3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

## Avis

### Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#);
- [ordering copies in paper, or electronic form of a document](#).

### Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called [PCT e-Filing](#)

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

### Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for the registration of a trade-mark](#);
- [filing of a revised application](#);
- [renewal of a trade-mark registration](#);
- [request to enter a name on the list of trade-mark agents](#);
- [annual renewal of a trade-mark agent](#);
- [requesting copies of trade-mark documents](#);
- [filing of a declaration of use](#);
- [registration of a trade-mark application](#);
- [statement of opposition](#); and
- [request an extension of time in trade-mark opposition proceedings](#).

### Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

### Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé [dépôt électronique de demande PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

### Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes

- [demande d'enregistrement d'une marque de commerce](#);
- [demande d'enregistrement d'une marque de commerce modifiée](#);
- [renouvellement de l'enregistrement d'une marque de commerce](#);
- [demande d'inscription d'un nom à la liste des agents de marques de commerce](#);
- [renouvellement annuel d'un agent de marques de commerce](#);
- [commande de copies de documents de marques de commerce](#);
- [dépôt d'une déclaration d'emploi](#);
- [l'enregistrement d'une marque de commerce](#);
- [dépôt d'une déclaration d'opposition](#); et
- [demande de prolongation de délai dans une procédure d'opposition](#).

## Notices

### *Copyrights*

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work](#);
- [Application for registration of a copyright in a performer's performance, sound recording or communication signal](#);
- [Filing a grant of interest](#)
- [Request for certificate of correction](#)
- [ordering copies in paper, or electronic form of a document](#); and
- [general correspondence relating to copyrights](#).

### *Industrial Designs*

#### Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design](#);
  - [ordering copies in paper, or electronic form of a document](#);
  - [general correspondence relating to industrial designs](#).
- and
- [payment of industrial design maintenance fees](#).

### *Integrated Circuit Topographies*

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies](#).

### 3.3 Electronic medium

#### Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the *Patent Rules* still remain.

### *Droits d'auteur*

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une œuvre](#);
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#); et
- [correspondance générale relative aux droits d'auteur](#).

### *Dessins industriels*

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
  - [commande de copies de documents papier ou électroniques](#);
  - [correspondance générale relative aux dessins industriels](#).
- et
- [paiement des droits de maintien des dessins industriels](#).

### *Topographies de circuits intégrés*

#### Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#)

### 3.3 Supports électroniques

#### Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

## Avis

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

### Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

### Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

### Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

### Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
- ( sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

## Notices

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

### Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

## 4. Details concerning the electronic formats accepted

### Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

### Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

## 4. Précisions concernant les formats électroniques acceptés

### Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIB encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

## Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

### TIFF Format:

- \* TIFF CCITT Group 4, single or multi-page, black & white
- \* Resolution of either 300 or 400 dpi
- \* The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

### PDF Format:

- \* Adobe Portable Document Format Version 1.4 compatible
- \* Non-compressed text to facilitate searching;
- \* Unencrypted text;
- \* No embedded OLE objects;
- \* All fonts must be embedded and licensed for distribution.

### ASCII

- \* Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

## Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications

### TIFF Format

- TIFF CCITT Group 4, single or multi-page, black and white
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11"
- Resolution of 300 dpi

### Photographs in JPEG Format:

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

### Format TIFF

- \* TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- \* Résolution : 300 ou 400 ppp
- \* Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

### Format PDF

- \* Compatible avec Adobe Portable Document Format Version 1.4
- \* Texte non comprimé, pour faciliter la recherche
- \* Texte non chiffré
- \* Pas d'objets OLE incorporés
- \* Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

### ASCII

- \* Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

## Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique:

### Format TIFF:

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

### Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)

## Notices

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray)
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11"
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database

### 5. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

## 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 24 2012 contains applications open to public inspection from June 31, 2012 to July 7, 2012

- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

### 5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le [Centre de services à la clientèle de l'OPIC](#).

## 16. Demandes canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 31 juin 2012 au 7 juillet 2012

## **Avis**

# Canadian Patents Issued

July 24 2012

## Brevets canadiens délivrés

24 July 2012

[11] 2,256,327  
[13] C

[51] Int.Cl. C12N 5/07 (2010.01) A61F 2/02 (2006.01) A61F 2/10 (2006.01) A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 47/36 (2006.01) A61L 27/20 (2006.01) A61L 27/38 (2006.01) A61L 27/60 (2006.01) A61M 1/00 (2006.01) C08B 37/04 (2006.01) C08J 9/28 (2006.01) C08L 5/04 (2006.01) C12N 5/04 (2006.01) C12N 11/10 (2006.01)

[25] EN

[54] POLYSACCHARIDE SPONGES FOR CELL CULTURE AND TRANSPLANTATION

[54] EPONGES

POLYSACCHARIDIQUES DESTINEES A LA CULTURE ET A LA TRANSPLANTATION DE CELLULES

[72] SHAPIRO, LILIA, IL

[72] COHEN, SMADAR, IL

[72] GLICKLIS, RACHEL, IL

[73] BEN-GURION UNIVERSITY OF THE NEGEV, IL

[85] 1998-11-19

[86] 1997-05-21 (PCT/IL1997/000161)

[87] (WO1997/044070)

[30] IL (118376) 1996-05-22

[11] 2,256,461  
[13] C

[51] Int.Cl. C12N 15/54 (2006.01) A01H 5/00 (2006.01) A21D 2/00 (2006.01) A21D 2/18 (2006.01) A23L 1/0522 (2006.01) C08B 30/00 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01)

[25] EN

[54] NUCLEIC ACID MOLECULES ENCODING ENZYMES FROM WHEAT WHICH ARE INVOLVED IN STARCH SYNTHESIS

[54] MOLECULES D'ACIDE NUCLEIQUE CODANT POUR DES ENZYMES ISSUES DU BLE ET INTERVENANT DANS LA SYNTHESE DE L'AMIDON

[72] FROHBERG, CLAUS, DE

[72] STELLBRINK, MARTINA

(FORMERLY BLOCK, MARTINA), DE

[72] LUTTICKE, STEPHANIE, DE

[72] KOSSMANN, JENS, DE

[72] LORZ, HORST, DE

[72] WALTER, LENNART, DE

[73] BAYER CROPSCIENCE AG, DE

[85] 1998-11-27

[86] 1997-05-28 (PCT/EP1997/002793)

[87] (WO1997/045545)

[30] DE (196 21 588.9) 1996-05-29

[30] DE (196 36 917.7) 1996-09-11

[11] 2,315,538  
[13] C

[51] Int.Cl. C12N 5/0797 (2010.01) C12N 5/0735 (2010.01) A61K 35/12 (2006.01) A61K 35/30 (2006.01) A61K 38/18 (2006.01)

[25] EN

[54] NEURAL PRECURSOR CELLS, METHOD FOR THE PRODUCTION AND USE THEREOF IN NEURAL DEFECT THERAPY

[54] CELLULES PRECURSEURS NEURALES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LA THERAPIE D'ANOMALIES NEURALES

[72] BRUSTLE, OLIVER, DE

[73] BRUSTLE, OLIVER, DE

[85] 2000-06-16

[86] 1998-12-18 (PCT/DE1998/003817)

[87] (WO1999/032606)

[30] DE (197 56 864.5) 1997-12-19

[11] 2,324,602  
[13] C

[51] Int.Cl. A61B 8/08 (2006.01) A61B 6/00 (2006.01)

[25] EN

[54] MULTIDIMENSIONAL DETECTION AND CHARACTERIZATION OF PATHOLOGIC TISSUES

[54] DETECTION PLURIDIMENSIONNELLE ET CARACTERISATION DE TISSUS PATHOLOGIQUES

[72] LITTRUP, PETER J., US

[72] DOOLITTLE, RICHARD D., US

[72] ZEIDERS, GLENN W., US

[72] RATHER, JOHN D. G., US

[72] CAULFIELD, H. JOHN, US

[73] BARBARA ANN KARMANOS

CANCER INSTITUTE, US

[85] 2000-09-19

[86] 1999-03-19 (PCT/US1999/006026)

[87] (WO1999/047046)

[30] US (60/078,788) 1998-03-20

[11] 2,308,881  
[13] C

[51] Int.Cl. A61B 18/14 (2006.01) A61B 18/12 (2006.01) A61N 5/00 (2006.01) H03K 3/00 (2006.01)

[25] EN

[54] ELECTROSURGERY SYSTEM AND METHOD

[54] SYSTEME ET METHODE D'ELECTROCHIRURGIE

[72] GOBLE, COLIN CHARLES OWEN, GB

[73] GYRUS MEDICAL LIMITED, GB

[22] 2000-05-19

[30] GB (9911956.2) 1999-05-21

Canadian Patents Issued  
July 24 2012

[11] 2,328,830

[13] C

[51] Int.Cl. C07C 275/24 (2006.01) A61L 17/10 (2006.01) A61L 27/18 (2006.01) A61L 27/34 (2006.01) A61L 31/06 (2006.01) C07C 235/12 (2006.01) C07C 235/28 (2006.01) C07C 235/34 (2006.01) C08G 63/685 (2006.01) C08G 63/78 (2006.01) C40B 30/00 (2006.01) C40B 40/14 (2006.01) G01N 33/566 (2006.01)

[25] EN

[54] THE CONSTRUCTION OF COPOLYMER LIBRARIES

[54] CONSTRUCTION DE BIBLIOTHEQUES DE COPOLYMERES

[72] KOHN, JOACHIM B., US

[72] BROCCINI, STEPHEN, GB

[72] JAMES, KENNETH, US

[72] TANGPASUTHADOL, VARAWUT, TH

[73] RUTGERS, THE STATE

UNIVERSITY, US

[85] 2000-10-13

[86] 1999-04-13 (PCT/US1999/008131)

[87] (WO1999/052962)

[30] US (60/081,502) 1998-04-13

[11] 2,339,411

[13] C

[51] Int.Cl. C12N 5/0797 (2010.01) A61K 35/12 (2006.01) A61K 35/30 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01)

[25] EN

[54] ENGRAFTABLE HUMAN NEURAL STEM CELLS

[54] CELLULES NEURONALES SOUCHES HUMAINES POUVANT ETRE GREFFEES

[72] WOLFE, JOHN H., US

[72] SNYDER, EVAN Y., US

[72] KIM, SEUNG U., CA

[73] THE CHILDREN'S MEDICAL

CENTER CORPORATION, US

[73] UNIVERSITY OF PENNSYLVANIA, US

[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA

[85] 2001-02-13

[86] 1999-08-05 (PCT/US1999/017801)

[87] (WO2000/009668)

[30] US (09/133,873) 1998-08-14

[11] 2,342,289

[13] C

[51] Int.Cl. C12N 15/37 (2006.01) A61K 48/00 (2006.01) C07K 14/025 (2006.01) C12N 15/86 (2006.01)

[25] EN

[54] TREATMENT OF CERVICAL CANCER

[54] TRAITEMENT DU CANCER DU COL UTERIN

[72] GAJEWICZYK, DIANE M., CA

[72] YAO, FEI-LONG, CA

[72] PERSSON, ROY, CA

[72] ROVINSKI, BENJAMIN, CA

[72] CAO, SHI-XIAN, CA

[72] MOINGEON, PHILLIPE, FR

[72] KLEIN, MICHEL HENRI, CA

[72] TARTAGLIA, JAMES, US

[73] SANOFI PASTEUR LIMITED, CA

[85] 2001-03-01

[86] 1999-09-03 (PCT/CA1999/000807)

[87] (WO2000/014244)

[30] US (60/099,291) 1998-09-04

[11] 2,383,218

[13] C

[51] Int.Cl. A61B 5/04 (2006.01) A61B 5/0476 (2006.01)

[25] EN

[54] SEIZURE WARNING AND PREDICTION

[54] AVERTISSEMENT ET PREVISION DE LA SURVENUE D'UNE CRISE D'EPILEPSIE

[72] SACKELLARES, JAMES CHRIS, US

[72] IASEMIDIS, LEONIDAS D., US

[73] UNIVERSITY OF FLORIDA

RESEARCH FOUNDATION, INC., US

[85] 2002-03-20

[86] 2000-09-19 (PCT/US2000/025629)

[87] (WO2001/021067)

[30] US (09/400,982) 1999-09-22

[11] 2,386,716

[13] C

[51] Int.Cl. C07D 401/12 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01)

[25] EN

[54] MAGNESIUM SALT OF S- OMEPRAZOLE

[54] SEL DE MAGNESIUM DE S- OMEPRAZOLE

[72] SHERMAN, BERNARD CHARLES, CA

[73] SHERMAN, BERNARD CHARLES, CA

[22] 2002-05-17

[11] 2,389,404

[13] C

[51] Int.Cl. H04L 12/18 (2006.01) H04N 7/15 (2006.01)

[25] EN

[54] A SYSTEM AND METHOD FOR CONTROLLING ONE OR MORE MULTIPOINT CONTROL UNITS AS ONE MULTIPOINT CONTROL UNIT

[54] SYSTEME ET PROCEDE PERMETTANT DE COMMANDER UNE OU PLUSIEURS UNITES DE COMMANDE MULTIPOINT COMME UNE UNITE DE COMMANDE MULTIPOINT

[72] GAVISH, SIGMUND, IL

[72] YAD-SHALOM, ITAY, IL

[72] EVEN, RONI, IL

[73] POLYCOM ISRAEL LTD., IL

[85] 2002-04-29

[86] 2000-11-08 (PCT/IB2000/001764)

[87] (WO2001/035655)

[30] US (60/164,298) 1999-11-08

[11] 2,394,623

[13] C

[51] Int.Cl. C07H 17/08 (2006.01)

[25] EN

[54] PROCESS FOR PREPARING AND ISOLATING 9-DEOXY-9(Z)-HYDROXYIMINOERYTHROMYCIN A

[54] PROCEDE DE PREPARATION ET D'ISOLEMENT DE 9-DESOXO-9(Z)-HYDROXYIMINOERYTHROMYCIN A

[72] ODDON, GILLES, FR

[72] PAUZE, DENIS, FR

[72] LEON, PATRICK, FR

[72] BASSET, FRANCOIS, US

[72] GUEVEL, RONAN, FR

[72] DURAND, THIERRY, FR

[72] LHERMITTE, FREDERIC, FR

[73] MERIAL, FR

[85] 2002-06-18

[86] 2000-12-19 (PCT/FR2000/003595)

[87] (WO2001/046211)

[30] FR (99/16106) 1999-12-20

**Brevets canadiens délivrés  
24 July 2012**

[11] **2,410,887**  
[13] C

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 49/00 (2006.01) A61K 49/22 (2006.01) A61K 51/08 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **COMPOUNDS FOR TARGETING ENDOTHELIAL CELLS, COMPOSITIONS CONTAINING THE SAME AND METHODS FOR THEIR USE**  
[54] **COMPOSES POUR LE CIBLAGE DES CELLULES ENDOTHELIALES, COMPOSITIONS LES CONTENANT ET LEURS PROCÉDES D'UTILISATION**  
[72] MARINELLI, EDMUND R., US  
[72] RAMALINGAM, KONDAREDDIAR, US  
[72] PILLAI, RADHAKRISHNA, US  
[72] NUNN, ADRIAN D., US  
[72] LINDER, KAREN, US  
[72] RAJU, NATARAJAN, US  
[72] VON WRONSKI, MATHEW A., US  
[72] TWEEDLE, MICHAEL F., US  
[72] NANJAPPAN, PALANIAPPA, US  
[72] SCHNEIDER, MICHEL, CH  
[72] YAN, FENG, CH  
[73] BRACCO SUISSE S.A., CH  
[85] 2002-11-29  
[86] 2001-06-04 (PCT/US2001/018053)  
[87] (WO2001/091805)  
[30] US (09/585,364) 2000-06-02

[11] **2,411,584**  
[13] C

[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **DIFFERENTIAL DIAGNOSIS OF NEUROLOGICAL DISEASES**  
[54] **DIAGNOSTIC DIFFÉRENTIEL DE MALADIES NEUROLOGIQUES**  
[72] HULSTAERT, FRANK, BE  
[72] VANDERSTICHELE, HUGO, BE  
[72] VANMECHELEN, EUGEN, BE  
[73] INNOGENETICS N.V., BE  
[85] 2002-12-03  
[86] 2001-06-21 (PCT/EP2001/007029)  
[87] (WO2002/003073)  
[30] EP (00870151.8) 2000-06-30  
[30] US (60/218,907) 2000-07-18

[11] **2,412,172**  
[13] C

[51] **Int.Cl. C07D 213/64 (2006.01) A61K 31/44 (2006.01) A61K 31/443 (2006.01) A61K 31/4433 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/496 (2006.01) A61K 31/501 (2006.01) A61K 31/5377 (2006.01) A61P 1/08 (2006.01) A61P 9/10 (2006.01) A61P 13/02 (2006.01) A61P 21/04 (2006.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) A61P 25/04 (2006.01) A61P 25/08 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/28 (2006.01) A61P 25/30 (2006.01) A61P 43/00 (2006.01) C07D 213/65 (2006.01) C07D 213/69 (2006.01) C07D 213/70 (2006.01) C07D 213/71 (2006.01) C07D 213/73 (2006.01) C07D 213/74 (2006.01) C07D 213/75 (2006.01) C07D 213/76 (2006.01) C07D 213/81 (2006.01) C07D 213/82 (2006.01) C07D 213/84 (2006.01) C07D 213/89 (2006.01) C07D 401/04 (2006.01) C07D 401/14 (2006.01) C07D 405/04 (2006.01) C07D 405/14 (2006.01) C07D 409/04 (2006.01) C07D 409/14 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01) C07D 417/04 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 471/06 (2006.01) C07F 7/18 (2006.01)**  
[25] EN  
[54] **1,2-DIHYDROPYRIDINE COMPOUNDS, MANUFACTURING METHOD THEREOF AND USE THEREOF**  
[54] **COMPOSES 1,2-DIHYDROPYRIDINE, LEUR PROCÉDE DE PRÉPARATION ET LEUR UTILISATION**  
[72] ITO, KOICHI, JP  
[72] NORIMINE, YOSHIHIKO, JP  
[72] HANADA, TAKAHISA, JP  
[72] RIVERS, LEANNE, GB  
[72] KAWANO, KOKI, JP  
[72] UENO, KOHSHI, JP  
[72] GROOM, ANTHONY JOHN, GB  
[72] HATAKEYAMA, SHINJI, JP  
[72] URAWA, YOSHIO, JP  
[72] NAKA, HIROYUKI, JP  
[72] NAGATO, SATOSHI, JP  
[72] OGO, MAKOTO, JP  
[72] SMITH, TERENCE, GB  
[72] AMINO, HIROYUKI, JP  
[72] UENO, MASATAKA, JP  
[73] EISAI R&D MANAGEMENT CO., LTD., JP  
[85] 2002-12-06  
[86] 2001-06-08 (PCT/JP2001/004857)  
[87] (WO2001/096308)  
[30] JP (2000-175966) 2000-06-12  
[30] GB (0022483.2) 2000-09-13

[11] **2,415,832**  
[13] C

[51] **Int.Cl. G06F 19/18 (2011.01) G06N 3/08 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PREDICTING THERAPEUTIC AGENT RESISTANCE AND FOR DEFINING THE GENETIC BASIS OF DRUG RESISTANCE USING NEURAL NETWORKS**  
[54] **PROCÉDE ET SYSTÈME DE PREDICTION DE LA RESISTANCE A UN AGENT THERAPEUTIQUE ET DE DEFINITION DE LA BASE GENETIQUE DE LA RESISTANCE AU MEDICAMENTS, AU MOYEN DE RESEAUX NEURONAUX**  
[72] WANG, DECHAO, GB  
[72] LARDER, BRENDAN, GB  
[73] VIRCO BVBA, BE  
[85] 2002-12-05  
[86] 2001-06-01 (PCT/EP2001/006360)  
[87] (WO2001/095230)  
[30] US (09/589,167) 2000-06-08  
[30] US (60/241,844) 2000-10-20  
[30] US (60/241,801) 2000-10-20

[11] **2,419,056**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 13/38 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **SYNDICATION METHODOLOGY TO DYNAMICALLY PLACE DIGITAL ASSETS ON NON-RELATED WEB SITES**  
[54] **METHODOLOGIE DE DISTRIBUTION DESTINEE AU PLACEMENT DYNAMIQUE D'ACTIFS NUMERIQUES SUR DES SITES WEB NON APPARENTES**  
[72] MARTIN, RICHARD D., US  
[72] WETZEL, JOHN E., US  
[73] ACTIVE DATA EXCHANGE, INC., US  
[85] 2003-02-07  
[86] 2001-08-07 (PCT/US2001/024675)  
[87] (WO2002/013035)  
[30] US (60/223,394) 2000-08-07

**Canadian Patents Issued  
July 24 2012**

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[11] **2,420,347**  
[13] C

[51] **Int.Cl. C10M 169/00 (2006.01) C10M 169/06 (2006.01) E21B 17/042 (2006.01) F16B 33/06 (2006.01) F16L 15/06 (2006.01)**  
[25] EN  
[54] **ELEMENT FILETE POUR JOINT FILETE TUBULAIRE RESISTANT AU GRIPPAGE**  
[54] **THREADED COMPONENT FOR SEIZURE-RESISTANT TUBULAR THREADED JOINT**  
[72] BERTET, REGIS, FR  
[72] PETELOT, DANIEL, FR  
[72] VERDILLON, LIONEL, FR  
[72] CHAMBELLANT, FRANCOIS, FR  
[72] TRUONG DINH, NGUYEN, FR  
[73] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR  
[85] 2003-02-24  
[86] 2001-08-09 (PCT/FR2001/002588)  
[87] (WO2002/018522)  
[30] FR (00/11127) 2000-08-31

---

[11] **2,425,772**  
[13] C

[51] **Int.Cl. G01N 33/50 (2006.01)**  
[25] EN  
[54] **ESTABLISHMENT OF BIOLOGICAL CUT-OFF VALUES FOR PREDICTING RESISTANCE TO THERAPY**  
[54] **ETABLISSEMENT DE VALEURS DE SEUIL BIOLOGIQUES POUR PREVOIR LA RESISTANCE A UNE THERAPIE**  
[72] HERTOVS, KURT, BE  
[72] LARDER, BRENDAN, GB  
[72] HARRIGAN, RICHARD P., CA  
[73] VIRCO BVBA, BE  
[85] 2003-04-14  
[86] 2001-10-22 (PCT/EP2001/012337)  
[87] (WO2002/033402)  
[30] US (60/241,836) 2000-10-20

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[11] **2,427,446**  
[13] C

[51] **Int.Cl. G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **A HEALTH CARE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE SOINS DE SANTE**  
[72] HALPERIN, JOSE, A., US  
[72] FALCHUK, KENNETH, H., US  
[72] FALCHUK, EVAN, US  
[72] BREWSTER, LAWRENCE S., US  
[73] HEALTH RESOURCES AND TECHNOLOGY, INC., US  
[85] 2003-05-05  
[86] 2000-11-02 (PCT/US2000/030221)  
[87] (WO2001/033484)  
[30] US (60/163,520) 1999-11-04

---

[11] **2,432,322**  
[13] C

[51] **Int.Cl. H04L 9/00 (2006.01) H04L 12/56 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**  
[25] EN  
[54] **PACKET ENCRYPTON SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE CRYPTAGE DE PAQUETS**  
[72] LOW, ARTHUR JOHN, CA  
[72] DAVIS, STEPHEN J., CA  
[73] MOSAID TECHNOLOGIES INCORPORATED, CA  
[85] 2003-06-19  
[86] 2001-12-21 (PCT/CA2001/001858)  
[87] (WO2002/052777)  
[30] US (09/741,829) 2000-12-22

---

[11] **2,433,738**  
[13] C

[51] **Int.Cl. H01L 21/46 (2006.01) B81C 1/00 (2006.01) C23F 1/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR MICROFABRICATING STRUCTURES USING SILICON-ON-INSULATOR MATERIAL**  
[54] **PROCEDE DE MICROUSINAGE DE STRUCTURES UTILISANT UN MATERIAU DE SILICIUM SUR ISOLANT**  
[72] BORENSTEIN, JEFFREY, US  
[73] THE CHARLES STARK DRAPER LABORATORY, INC., US  
[85] 2003-07-02  
[86] 2002-01-02 (PCT/US2002/000015)  
[87] (WO2002/054475)  
[30] US (60/259,282) 2001-01-02

---

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[11] **2,437,427**  
[13] C

[51] **Int.Cl. B67D 7/42 (2010.01) B67D 7/04 (2010.01) B67D 7/48 (2010.01) B67D 7/50 (2010.01) B67D 7/54 (2010.01)**  
[25] EN  
[54] **EASY OPENING FUEL DISPENSING NOZZLE**  
[54] **PISTOLET DE POMPE DE DISTRIBUTION DE CARBURANT FACILE A OUVRIR**  
[72] FINK, ARTHUR C., JR., US  
[73] HUSKY CORPORATION, US  
[22] 2003-08-18  
[30] US (10/222,094) 2002-08-19

---

[11] **2,437,557**  
[13] C

[51] **Int.Cl. A61K 41/00 (2006.01)**  
[25] EN  
[54] **REDUCED TOTAL FLUENCE PHOTODYNAMIC THERAPY OF CHOROIDDAL NEOVASCULATURE IN AMD**  
[54] **THERAPIE PHOTODYNAMIQUE A DEBIT DE FLUENCE REDUIT PERMETTANT DE TRAITER LA NEOVASCULARISATION CHOROIDIENNE DUE A L'AMD**  
[72] STRONG, H. ANDREW, CA  
[73] QLT INC., CA  
[85] 2003-08-06  
[86] 2002-02-06 (PCT/CA2002/000135)  
[87] (WO2002/062384)  
[30] US (60/266,960) 2001-02-06

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**Brevets canadiens délivrés  
24 July 2012**

[11] **2,438,334**

[13] C

[51] **Int.Cl. C12N 15/18 (2006.01) A61K 9/00 (2006.01) A61K 38/17 (2006.01) A61K 38/18 (2006.01) A61P 27/02 (2006.01) A61P 27/04 (2006.01) C07K 14/47 (2006.01) C07K 14/475 (2006.01) C07K 16/22 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **OCULAR TEAR GROWTH FACTOR-LIKE PROTEIN**

[54] **PROTEINE DE TYPE FACTEUR DE CROISSANCE DE LARMES OCULAIRES**

[72] LUMSDEN, ANGELA J., AU

[72] SANGHI, SANDHYA, US

[72] KUMAR, RAJESH, US

[72] LAURIE, GORDON W., US

[73] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US

[85] 2003-08-14

[86] 2002-02-20 (PCT/US2002/004971)

[87] (WO2002/065943)

[30] US (60/269,900) 2001-02-20

[11] **2,441,185**

[13] C

[51] **Int.Cl. C08F 16/02 (2006.01) B01J 27/26 (2006.01) B01J 31/22 (2006.01) C08F 4/54 (2006.01) C08F 16/12 (2006.01) C08G 65/26 (2006.01)**

[25] EN

[54] **DOUBLE METAL CYANIDE CATALYSTS WHICH CAN BE USED TO PREPARE POLYOLS AND THE PROCESSES RELATED THERETO**

[54] **CATALYSEURS A DEUX CYANURES METALLIQUES POUVANT SERVIR A LA PREPARATION DE POLYOLS ET PROCEDE A CET EFFET**

[72] WANG, WEI, US

[72] LE-KHAC, BI, US

[73] BAYER MATERIALSCIENCE LLC, US

[73] BAYER ANTWERPEN N.V., BE

[22] 2003-09-17

[30] US (10/251,155) 2002-09-20

[11] **2,442,471**

[13] C

[51] **Int.Cl. A61K 6/06 (2006.01) A61C 3/025 (2006.01) A61K 6/00 (2006.01) B24C 1/00 (2006.01) B24C 11/00 (2006.01)**

[25] EN

[54] **USE OF BIOACTIVE GLASS**

[54] **UTILISATION DE VERRE BIOACTIF**

[72] THOMPSON, IAN D., GB

[72] HENCH, LARRY L., GB

[72] WATSON, TIMOTHY F., GB

[72] COOK, RICHARD J., GB

[73] KING'S COLLEGE LONDON, GB

[73] IMPERIAL COLLEGE

INNOVATIONS LIMITED, GB

[85] 2003-09-29

[86] 2002-03-28 (PCT/GB2002/001512)

[87] (WO2002/078645)

[30] GB (0108115.7) 2001-03-30

[30] US (60/281,809) 2001-04-06

[11] **2,444,108**

[13] C

[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/435 (2006.01) A61K 31/4353 (2006.01) A61K 31/445 (2006.01) A61K 31/54 (2006.01) A61K 31/55 (2006.01) A61P 25/04 (2006.01) C07D 215/02 (2006.01) C07D 285/14 (2006.01) C07D 285/16 (2006.01) C07D 285/36 (2006.01) C07D 285/38 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **NOCICEPTIN ANALOGS**

[54] **ANALOGUES DE LA NOCICEPTINE**

[72] KYLE, DONALD, US

[72] WHITEHEAD, JOHN, US

[72] GHARAGOZLOO, PARVIZ, US

[72] GOEHRING, RICHARD R., US

[72] CHEN, ZHENGMING, US

[72] VICTORY, SAM, US

[73] EURO-CELTIQUE S.A., LU

[85] 2003-10-16

[86] 2002-04-18 (PCT/US2002/012356)

[87] (WO2002/085291)

[30] US (60/284,674) 2001-04-18

[30] US (60/284,676) 2001-04-18

[11] **2,446,507**

[13] C

[51] **Int.Cl. F16H 9/12 (2006.01) F16H 55/56 (2006.01) F16H 61/662 (2006.01)**

[25] EN

[54] **PULLEY FOR A CONTINUOUSLY-VARIABLE-RATIO DRIVE**

[54] **POULIE POUR ENTRAINEMENT A RAPPORT A VARIATION CONTINUE**

[72] BORGHI, GIANNI, IT

[73] LOMBARDINI S.R.L. A SOCIO UNICO, IT

[22] 2003-10-24

[30] IT (TO2002A000930) 2002-10-25

[11] **2,446,634**

[13] C

[51] **Int.Cl. C08L 23/20 (2006.01) C08K 5/09 (2006.01) C08K 5/098 (2006.01) C08L 9/00 (2006.01)**

[25] EN

[54] **ZINC DIACRYLATE PREDISPERSED IN HIGH-CIS POLYBUTADIENE**

[54] **DIACRYLATE DE ZINC DISPERSE A L'AVANCE DANS DU POLYBUTADIENE A FORTE TENEUR EN ISOMERE CIS**

[72] JOHANSSON, ANDERS H., US

[73] RHEIN CHEMIE CORPORATION, US

[22] 2003-10-23

[30] US (10/281,805) 2002-10-28

[11] **2,448,448**

[13] C

[51] **Int.Cl. G06K 9/64 (2006.01) G06K 9/00 (2006.01) G06K 9/62 (2006.01)**

[25] EN

[54] **OBJECT IDENTIFICATION**

[54] **IDENTIFICATION D'OBJET**

[72] TAYLOR, CHRISTOPHER JOHN, GB

[72] COOTES, TIMOTHY FRANCIS, GB

[73] THE UNIVERSITY OF

MANCHESTER, GB

[85] 2003-11-24

[86] 2002-05-24 (PCT/GB2002/002228)

[87] (WO2002/097720)

[30] GB (0112773.7) 2001-05-25

Canadian Patents Issued  
July 24 2012

[11] 2,448,587

[13] C

[51] Int.Cl. G01N 33/58 (2006.01) G01N 33/84 (2006.01)

[25] EN

[54] A DIFFERENTIAL LABELLING METHOD WITH A PLATINUM COMPOUND

[54] PROCEDE D'ETIQUETAGE DIFFERENTIEL AVEC UN COMPOSE DE PLATINE

[72] HEETEBRIJ, ROBERT JOCHEM, NL

[72] VAN GIJLSWIJK, ROBERTUS

PETRUS MARIA, NL

[72] TALMAN, EDUARD GERHARD, NL

[72] VEUSKENS, JACKY THEO MARIA,

BE

[73] KREATECH BIOTECHNOLOGY

B.V., NL

[85] 2003-11-26

[86] 2002-05-24 (PCT/NL2002/000334)

[87] (WO2002/097439)

[30] EP (01202007.9) 2001-05-28

[11] 2,449,067

[13] C

[51] Int.Cl. G11B 27/034 (2006.01) G11B 20/10 (2006.01) G11B 20/12 (2006.01) G11B 27/00 (2006.01) G11B 27/10 (2006.01) G11B 27/32 (2006.01) H04N 5/782 (2006.01) H04N 5/85 (2006.01) H04N 5/92 (2006.01) H04N 9/79 (2006.01) H04N 9/804 (2006.01) H04N 9/82 (2006.01)

[25] EN

[54] DATA RECORDING DEVICE AND METHOD, DATA REPRODUCTION DEVICE AND METHOD, INFORMATION RECORDING MEDIUM, PROGRAM-CONTAINING MEDIUM, AND PROGRAM

[54] DISPOSITIF ET PROCEDE D'ENREGISTREMENT DE DONNEES, DISPOSITIF ET PROCEDE DE LECTURE DE DONNEES, SUPPORT D'ENREGISTREMENT

D'INFORMATIONS, SUPPORT DE PROGRAMME ET PROGRAMME

[72] HAMADA, TOSHIYA, JP

[72] KATO, MOTOKI, JP

[73] SONY CORPORATION, JP

[85] 2003-11-28

[86] 2003-03-27 (PCT/JP2003/003796)

[87] (WO2003/083868)

[30] JP (2002-100349) 2002-04-02

[11] 2,452,332

[13] C

[51] Int.Cl. B66B 13/02 (2006.01) B66B 11/02 (2006.01) B66B 13/28 (2006.01) B66B 13/30 (2006.01) E06B 7/23 (2006.01)

[25] EN

[54] DEVICE FOR SEALING A GAP BETWEEN CAGE DOOR AND CAGE WALL IN A LIFT CAGE

[54] DISPOSITIF DE SCELLEMENT DE L'ESPACE ENTRE UNE PORTE ET UN MUR DE CABINE D'ASCENSEUR

[72] OBERER, ALEX, CH

[72] AUGUGLIARO, DARIO, CH

[72] KUIPERS, ERWIN REINDER, CH

[73] INVENTIO AG, CH

[22] 2003-12-08

[30] EP (02406083.2) 2002-12-10

[11] 2,455,039

[13] C

[51] Int.Cl. A61K 8/86 (2006.01) A61K 8/34 (2006.01) A61K 8/38 (2006.01) A61K 8/39 (2006.01) A61K 8/42 (2006.01) A61K 8/44 (2006.01) A61K 8/69 (2006.01) A61P 17/00 (2006.01) A61Q 7/02 (2006.01)

[25] EN

[54] REDUCTION OF HAIR GROWTH

[54] REDUCTION DE CROISSANCE CAPILLAIRE

[72] STYCZYNSKI, PETER, US

[72] AHLUWALIA, GURPREET S., US

[72] SHANDER, DOUGLAS, US

[73] THE GILLETTE COMPANY, US

[85] 2004-01-26

[86] 2002-08-07 (PCT/US2002/024963)

[87] (WO2003/013496)

[30] US (60/311,600) 2001-08-10

[11] 2,455,417

[13] C

[51] Int.Cl. A61M 25/10 (2006.01) A61F 2/84 (2006.01) A61L 29/02 (2006.01)

[25] EN

[54] BALLOON CATHETER HAVING METAL BALLOON AND METHOD OF MAKING SAME

[54] CATHETER A BALLONNET COMPRENANT UN BALLONNET METALLIQUE ET PROCEDE DE PRODUCTION

[72] BAILEY, STEVEN R., US

[72] BANAS, CHRISTOPHER E., US

[72] BOYLE, CHRISTOPHER T., US

[72] PALMAZ, JULIO C., US

[73] ADVANCED BIO PROSTHETIC

SURFACES, LTD., US

[85] 2004-01-30

[86] 2002-07-31 (PCT/US2002/024800)

[87] (WO2003/011363)

[30] US (60/309,406) 2001-07-31

[30] US (10/135,582) 2002-04-29

[11] 2,456,395

[13] C

[51] Int.Cl. F16J 15/56 (2006.01) B08B 9/023 (2006.01) F16J 15/16 (2006.01)

[25] EN

[54] CLEANING ASSEMBLY FOR A SHAFT

[54] ENSEMBLE DE NETTOYAGE D'ARBRE

[72] MAINVILLE, LUC, CA

[73] INDUSTRIES MAILHOT INC., CA

[22] 2004-01-29

[30] CA (2,436,372) 2003-08-04

**Brevets canadiens délivrés  
24 july 2012**

[11] **2,457,261**  
[13] C

[51] **Int.Cl. G06F 21/00 (2006.01) H04L 9/30 (2006.01) H04L 9/32 (2006.01)**  
[25] EN  
[54] **TYING A DIGITAL LICENSE TO A USER AND TYING THE USER TO MULTIPLE COMPUTING DEVICES IN A DIGITAL RIGHTS MANAGEMENT (DRM) SYSTEM**  
[54] **RATTACHEMENT D'UNE LICENCE NUMERIQUE A UN UTILISATEUR ET RATTACHEMENT DE L'UTILISATEUR A DE MULTIPLES DISPOSITIFS INFORMATIQUES DANS UN SYSTEME DE GESTION NUMERIQUE DES DROITS (DRM)**  
[72] BOURNE, STEVE, US  
[72] MANFERDELLI, JOHN L., US  
[72] SERBUS, BRADLEY, US  
[72] NARIN, ATTILA, US  
[72] DEMELLO, MARCO A., US  
[72] KRISHNASWAMY, VINAY, US  
[72] MALAVIARACHCHI, RUSHMI U., US  
[73] MICROSOFT CORPORATION, US  
[22] 2004-02-11  
[30] US (10/375,246) 2003-02-27

[11] **2,458,146**  
[13] C

[51] **Int.Cl. A61K 38/17 (2006.01) A23L 1/03 (2006.01) A61K 31/19 (2006.01) A61K 31/20 (2006.01) A61K 35/20 (2006.01) A61K 38/01 (2006.01) A61P 31/00 (2006.01)**  
[25] EN  
[54] **USE OF MILK SERUM APOPROTEINS IN THE PROPHYLAXIS OR TREATMENT OF MICROBIAL OR VIRAL INFECTION**  
[54] **UTILISATION D'APOPROTEINES DU SERUM DU LAIT DANS LA PROPHYLAXIE OU LE TRAITEMENT D'INFECTIONS MICROBIENNES OU VIRALES**  
[72] FOLAN, MICHAEL ANTHONY, IE  
[72] BRADY, DAMIEN, GB  
[73] WESTGATE BIOLOGICAL LIMITED, IE  
[85] 2004-02-20  
[86] 2002-08-20 (PCT/IE2002/000121)  
[87] (WO2003/018049)  
[30] IE (S2001/0780) 2001-08-23

[11] **2,459,575**  
[13] C

[51] **Int.Cl. H04L 29/06 (2006.01) G06F 9/50 (2006.01)**  
[25] EN  
[54] **CLIENT SERVER NETWORKS**  
[54] **RESEAUX DE SERVEURS CLIENTS**  
[72] MARTIN, STEPHEN IAN, GB  
[73] ERICSSON AB, SE  
[85] 2004-03-03  
[86] 2002-09-18 (PCT/GB2002/004234)  
[87] (WO2003/026244)  
[30] GB (0122507.7) 2001-09-18

[11] **2,459,662**  
[13] C

[51] **Int.Cl. B65D 25/22 (2006.01) A47G 23/02 (2006.01) B29C 45/00 (2006.01)**  
[25] EN  
[54] **MAGNETIZED BEVERAGE CONTAINER HOLDER**  
[54] **PORTE-CONTENANT DE BOISSONS AIMANTE**  
[72] MITCHELL, JED D., US  
[73] ELWARD-LOUIS JOINT VENTURE LLP, US  
[22] 2004-03-05  
[30] US (10/382,459) 2003-03-05

[11] **2,459,997**  
[13] C

[51] **Int.Cl. B66B 1/28 (2006.01) B66B 1/34 (2006.01)**  
[25] EN  
[54] **METHOD FOR THE OPERATION OF A LIFT INSTALLATION**  
[54] **METHODE D'EXPLOITATION D'UNE INSTALLATION DE LEVAGE**  
[72] FINSCHI, LUKAS, CH  
[73] INVENTIO AG, CH  
[22] 2004-03-08  
[30] EP (03405163.1) 2003-03-10

[11] **2,461,959**  
[13] C

[51] **Int.Cl. B41J 2/175 (2006.01) B65B 3/10 (2006.01) B65D 83/14 (2006.01)**  
[25] EN  
[54] **LIQUID CONTAINER RESERVOIR A LIQUIDE**  
[72] KATAKURA, TAKAHIRO, JP  
[72] UEHARA, YASUNAO, JP  
[72] KOBAYASHI, ATSUSHI, JP  
[72] FUKANO, TAKAKAZU, JP  
[72] MATSUYAMA, MASAHIDE, JP  
[72] KIMURA, HITOTOSHI, JP  
[72] SHINADA, SATOSHI, JP  
[72] NAKA, TAKAHIRO, JP  
[72] SEINO, TAKEO, JP  
[72] MIYAZAWA, HISASHI, JP  
[72] ISHIZAWA, TAKU, JP  
[72] KUMAGAI, TOSHIO, JP  
[73] SEIKO EPSON CORPORATION, JP  
[22] 2004-03-25  
[30] JP (2003-085097) 2003-03-26  
[30] JP (2003-154991) 2003-05-30  
[30] JP (2003-160836) 2003-06-05  
[30] JP (2003-160815) 2003-06-05  
[30] JP (2003-160685) 2003-06-05  
[30] JP (2003-190527) 2003-07-02  
[30] JP (2003-198631) 2003-07-17  
[30] JP (2003-198638) 2003-07-17  
[30] JP (2003-296687) 2003-08-20

[11] **2,462,364**  
[13] C

[51] **Int.Cl. A61B 5/15 (2006.01)**  
[25] EN  
[54] **INTEGRATED LANCE AND STRIP FOR ANALYTE MEASUREMENT**  
[54] **LANCETTE ET BANDE INTEGRESSES POUR LA MESURE D'ANALYTES**  
[72] ALLEN, JOHN J., US  
[73] LIFESCAN, INC., US  
[22] 2004-03-29  
[30] US (60/458,242) 2003-03-28  
[30] US (10/460,030) 2003-06-11

**Canadian Patents Issued  
July 24 2012**

---

[11] **2,464,616**  
[13] C

[51] **Int.Cl. C12P 21/02 (2006.01) C07K 14/62 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PREPARING INSULIN COMPOUNDS**  
[54] **ELABORATION DE COMPOSES INSULINIQUES**  
[72] BALSCHMIDT, PER, DK  
[72] CHRISTIANSEN, INGUN, DK  
[72] BOGSNES, ARE, DK  
[73] NOVO NORDISK A/S, DK  
[85] 2004-04-23  
[86] 2002-11-15 (PCT/DK2002/000765)  
[87] (WO2003/044210)  
[30] DK (PA 2001 01716) 2001-11-19

---

[11] **2,465,604**  
[13] C

[51] **Int.Cl. C22C 38/22 (2006.01) C21D 6/00 (2006.01) C21D 6/02 (2006.01) C21D 9/00 (2006.01) C22C 38/00 (2006.01) C22C 38/24 (2006.01) C22C 38/26 (2006.01) C22C 38/28 (2006.01) H01M 8/00 (2006.01) H01M 8/02 (2006.01)**  
[25] EN  
[54] **FERRITIC STAINLESS STEEL HAVING HIGH TEMPERATURE CREEP RESISTANCE**  
[54] **ACIER INOXYDABLE FERRITIQUE A RESISTANCE AU FLUAGE A TEMPERATURE ELEVEE**  
[72] GRUBB, JOHN F., US  
[73] ATI PROPERTIES INC., US  
[85] 2004-05-04  
[86] 2002-11-21 (PCT/US2002/037383)  
[87] (WO2003/048402)  
[30] US (09/998,487) 2001-11-30

---

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[11] **2,468,167**  
[13] C

[51] **Int.Cl. B03C 1/00 (2006.01) B01L 3/00 (2006.01) B03C 1/025 (2006.01) B03C 1/30 (2006.01) C12Q 1/68 (2006.01) G01N 33/543 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MODIFICATION OF MAGNETICALLY IMMOBILIZED BIOMOLECULES**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE MODIFIER DES BIOMOLECULES IMMOBILISEES MAGNETIQUEMENT**  
[72] KOHLER, MATTHIAS, DE  
[72] MILTENYI, STEFAN, DE  
[73] MILTENYI BIOTEC GMBH, DE  
[85] 2004-05-25  
[86] 2002-11-25 (PCT/EP2002/013213)  
[87] (WO2003/045565)  
[30] US (09/994,487) 2001-11-26

---

[11] **2,469,242**  
[13] C

[51] **Int.Cl. C07C 59/315 (2006.01) C07C 51/09 (2006.01) C07C 51/367 (2006.01) C08G 65/00 (2006.01) C08G 65/332 (2006.01) D21H 17/14 (2006.01) D21H 21/16 (2006.01)**  
[25] EN  
[54] **(PER) FLUOROPOLYETHER CARBOXYLIC ACIDS AND USE THEREOF FOR THE OLEO-REPELLENT PAPER SIZING**  
[54] **ACIDES POLY(PER)FLUOROETHER-CARBOXYLIQUES ET LEUR UTILISATION POUR RENDRE DU PAPIER OLEOPHOBE**  
[72] TONELLI, CLAUDIO, IT  
[72] RUSSO, ANTONIO, IT  
[72] VISCA, MARIO, IT  
[73] SOLVAY SOLEXIS S.P.A., IT  
[22] 2004-05-31  
[30] IT (MI2003 A 001104) 2003-06-03

---

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[11] **2,471,822**  
[13] C

[51] **Int.Cl. C12N 15/64 (2006.01) A61K 38/45 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C12N 15/85 (2006.01) C12N 15/861 (2006.01) C12N 15/869 (2006.01) C12P 21/00 (2006.01) C12Q 1/02 (2006.01)**  
[25] EN  
[54] **CELL-SPECIFIC HERPES SIMPLEX VIRUS EXPRESSION/ REPLICATION VECTOR COMPRISING ICP4 AND HUMAN CALPONIN GENE PROMOTER**  
[54]  
[72] TAKAHASHI, KATSUHITO, JP  
[72] YAMAMURA, HISAKO, JP  
[73] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[85] 2004-06-25  
[86] 2002-12-26 (PCT/JP2002/013683)  
[87] (WO2003/057888)  
[30] JP (2001-402102) 2001-12-28  
[30] JP (2002-255395) 2002-08-30

---

[11] **2,473,700**  
[13] C

[51] **Int.Cl. C07C 41/46 (2006.01) A23D 9/00 (2006.01) A23D 9/007 (2006.01) A23K 1/16 (2006.01) A23L 1/30 (2006.01) A61K 8/34 (2006.01) A61K 8/35 (2006.01) A61K 8/37 (2006.01) A61K 8/39 (2006.01) A61K 8/92 (2006.01) A61K 9/48 (2006.01) A61K 31/122 (2006.01) A61K 47/10 (2006.01) A61K 47/14 (2006.01) A61K 47/22 (2006.01) A61K 47/24 (2006.01) A61K 47/44 (2006.01) A61P 3/00 (2006.01) A61Q 19/00 (2006.01) C07C 43/23 (2006.01)**  
[25] EN  
[54] **METHOD FOR STABILIZING REDUCED COENZYME Q10 AND COMPOSITION THEREFOR**  
[54] **PROCEDE DE STABILISATION D'UNE COENZYME Q10 REDUITE ET COMPOSITION ASSOCIEE**  
[72] ONO, TADAO, JP  
[72] KITAMURA, SHIRO, JP  
[72] UEDA, TAKAHIRO, JP  
[72] UEDA, YASUYOSHI, JP  
[72] FUJII, KENJI, JP  
[72] HOSOE, KAZUNORI, JP  
[73] KANEKA CORPORATION, JP  
[85] 2004-07-16  
[86] 2003-01-20 (PCT/JP2003/000394)  
[87] (WO2003/062182)  
[30] JP (2002-9737) 2002-01-18  
[30] JP (2002-296802) 2002-10-09

---

**Brevets canadiens délivrés  
24 July 2012**

---

[11] **2,474,037**  
[13] C

[51] **Int.Cl. F16J 15/18 (2006.01)**  
[25] EN  
[54] **SHAFT SEALING SYSTEM FOR A ROTARY MECHANICAL DEVICE**  
[54] **SYSTEME DE JOINT D'ARBRE POUR UN DISPOSITIF MECANIQUE ROTATIF**  
[72] WILKINSON, MARK R., US  
[73] WILKINSON, MARK R., US  
[85] 2004-07-21  
[86] 2003-01-21 (PCT/US2003/001670)  
[87] (WO2003/062679)  
[30] US (10/055,542) 2002-01-23

---

[11] **2,474,243**  
[13] C

[51] **Int.Cl. A61L 27/00 (2006.01) A61F 2/06 (2006.01)**  
[25] EN  
[54] **MEDICAL DEVICE FOR DELIVERING BIOLOGICALLY ACTIVE MATERIAL**  
[54] **DISPOSITIF MEDICAL CONCU POUR ADMINISTRER UNE MATIERE BIOACTIVE**  
[72] SHAW, WILLIAM J., US  
[72] ROSENTHAL, ARTHUR L., US  
[73] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-07-23  
[86] 2003-01-30 (PCT/US2003/002585)  
[87] (WO2003/063924)  
[30] US (10/062,794) 2002-01-31

---

[11] **2,474,267**  
[13] C

[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/18 (2006.01) H04L 29/08 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR NEGOTIATION OF TRANSMISSION PARAMETERS FOR BROADCAST/MULTICAST SERVICES**  
[54] **PROCEDE ET APPAREIL DE NEGOCIATION DES PARAMETRES DE TRANSMISSION POUR LES SERVICES DE DIFFUSION/MULTIDIFFUSION**  
[72] CHEN, AN MEI, US  
[72] WANG, JUN, US  
[72] SINNARAJAH, RAGULAN, US  
[72] HSU, RAYMOND T., US  
[72] LEUNG, NIKOLAI K. N., US  
[72] PAREKH, NILESHKUMAR J., US  
[73] QUALCOMM INCORPORATED, US  
[85] 2004-07-19  
[86] 2003-01-28 (PCT/US2003/002518)  
[87] (WO2003/065646)  
[30] US (10/059,736) 2002-01-28

---

[11] **2,476,065**  
[13] C

[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) C07D 207/09 (2006.01) C07D 207/14 (2006.01) C07D 211/58 (2006.01) C07D 213/78 (2006.01) C07D 217/02 (2006.01) C07D 239/42 (2006.01) C07D 295/14 (2006.01) C07D 295/155 (2006.01) C07D 295/26 (2006.01) C07D 307/68 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 409/12 (2006.01) C07D 413/04 (2006.01) C07D 471/10 (2006.01) C12Q 1/34 (2006.01) C12Q 1/48 (2006.01)**  
[25] EN  
[54] **INHIBITORS OF HISTONE DEACETYLASE**  
[54] **INHIBITEURS DE L'HISTONE DEACETYLASE**  
[72] DYATKIN, ALEXEY BORISOVICH, US  
[72] ANGIKAUD, PATRICK RENE, FR  
[72] MEERPOEL, LIEVEN, BE  
[72] VAN BRANDT, SVEN FRANCISCUS ANNA, BE  
[72] VERDONCK, MARC GUSTAAF CELINE, BE  
[72] VAN EMELLEN, KRISTOF, BE  
[73] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2004-08-11  
[86] 2003-03-11 (PCT/EP2003/002515)  
[87] (WO2003/075929)  
[30] US (60/363,799) 2002-03-13

---

[11] **2,476,134**  
[13] C

[51] **Int.Cl. F16L 29/04 (2006.01) B67D 7/32 (2010.01) B63B 27/25 (2006.01) B65G 67/60 (2006.01) F16L 23/00 (2006.01) F16L 23/036 (2006.01) F17D 5/00 (2006.01) F42D 3/00 (2006.01)**  
[25] FR  
[54] **DISPOSITIF DE MISE EN COMMUNICATION DE DEUX CONDUITS A MOYENS DE DESTRUCTION**  
[54] **DEVICE FOR PLACING TWO DESTRUCTIVE CONDUITS IN COMMUNICATION**  
[72] LAULHE, RENE, FR  
[72] GARRIGUES, JEAN-CLAUDE, FR  
[73] KSB S.A.S., FR  
[22] 2004-07-30  
[30] FR (03 09941) 2003-08-14

---

[11] **2,476,357**  
[13] C

[51] **Int.Cl. C07C 207/04 (2006.01) B01D 3/14 (2006.01) B01D 3/34 (2006.01) C07C 7/20 (2006.01) C07C 15/46 (2006.01) C07C 207/00 (2006.01)**  
[25] EN  
[54] **NITROSOPHENOLS AND C-NITROSOANILINES AS POLYMERIZATION INHIBITORS**  
[54] **NITROSOPHENOLS ET C-NITROSOANILINES UTILES EN TANT QU'INHIBITEURS DE POLYMERISATION**  
[72] BENAGE, BRIGITTE, US  
[73] CROMPTON CORPORATION, US  
[85] 2004-08-16  
[86] 2003-01-29 (PCT/US2003/002551)  
[87] (WO2003/070687)  
[30] US (60/357,342) 2002-02-15  
[30] US (60/357,346) 2002-02-15

---

[11] **2,477,053**  
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01)**  
[25] EN  
[54] **COMPOSITION FOR EASING HUMAN CHILDBIRTH**  
[54] **COMPOSITION POUR FACILITER L'ACCOUCHEMENT HUMAIN**  
[72] SCHAUB, ANDREAS F., CH  
[73] HCB HAPPY CHILD BIRTH HOLDING AG., CH  
[85] 2004-07-20  
[86] 2003-01-21 (PCT/EP2003/000548)  
[87] (WO2003/066020)  
[30] CH (0121/02) 2002-01-22

**Canadian Patents Issued  
July 24 2012**

[11] **2,477,424**

[13] C

[51] **Int.Cl. G11B 7/007 (2006.01) G11B 7/005 (2006.01) G11B 7/24 (2006.01) G11B 7/26 (2006.01) G11B 20/00 (2006.01) G11B 20/10 (2006.01) G11B 20/12 (2006.01) G11B 23/28 (2006.01)**

[25] EN

[54] **MASTERING DEVICE, DISC MANUFACTURING METHOD, DISC-SHAPED RECORDING MEDIUM, DISC REPRODUCTION DEVICE, AND DISC REPRODUCTION METHOD**

[54] **DISPOSITIF DE MATRICAGE, PROCEDE DE FABRICATION DE DISQUES, SUPPORT D'ENREGISTREMENT SOUS FORME DE DISQUE, DISPOSITIF DE REPRODUCTION DE DISQUES, ET PROCEDE DE REPRODUCTION DE DISQUES**

[72] KOBAYASHI, SEIJI, JP

[72] PAN, JIN, JP

[73] SONY CORPORATION, JP

[85] 2004-08-24

[86] 2003-12-26 (PCT/JP2003/016868)

[87] (WO2004/061832)

[30] JP (2003-341) 2003-01-06

[11] **2,478,243**

[13] C

[51] **Int.Cl. G01D 18/00 (2006.01) G10L 21/02 (2006.01)**

[25] EN

[54] **ANOMALY RECOGNITION**

[54] **RECONNAISSANCE DES ANOMALIES**

[72] STENTIFORD, FREDERICK

WARWICK MICHAEL, GB

[73] BRITISH TELECOMMUNICATIONS

PUBLIC LIMITED COMPANY, GB

[85] 2004-09-03

[86] 2003-03-24 (PCT/GB2003/001211)

[87] (WO2003/081577)

[30] GB (0206851.8) 2002-03-22

[30] GB (0206853.4) 2002-03-22

[30] GB (0206854.2) 2002-03-22

[30] GB (0206857.5) 2002-03-22

[11] **2,480,069**

[13] C

[51] **Int.Cl. D21H 21/46 (2006.01) C12Q 1/68 (2006.01) E05G 1/14 (2006.01) G09F 3/00 (2006.01)**

[25] EN

[54] **A MARKING APPARATUS FOR NUCLEIC ACID MARKING OF ITEMS**  
[54] **APPAREIL POUR LE MARQUAGE A L'ACIDE NUCLEIQUE D'ARTICLES**

[72] SLEAT, ROBERT, GB

[72] LINT, GREG VAN, BE

[73] TRACE TAG INTERNATIONAL LTD, GB

[73] 3SI SECURITY SYSTEMS INC., US

[85] 2004-09-21

[86] 2003-03-21 (PCT/GB2003/001199)

[87] (WO2003/080931)

[30] GB (0206820.3) 2002-03-22

[11] **2,480,584**

[13] C

[51] **Int.Cl. F02C 7/28 (2006.01) F01D 11/00 (2006.01) F01D 25/28 (2006.01) F02C 7/20 (2006.01) F16J 15/08 (2006.01) F23R 3/60 (2006.01)**

[25] FR

[54] **TURBOMACHINE COMPRENANT DEUX ELEMENTS MIS EN COMMUNICATION AVEC INTERPOSITION D'UN JOINT**

[54] **TURBINE ENGINE WITH TWO SECTIONS CONNECTED BY A JOINT**

[72] MARCHI, MARC, FR

[72] TAILLANT, JEAN-CLAUDE, FR

[73] SNECMA, FR

[22] 2004-09-21

[30] FR (03 11420) 2003-09-30

[11] **2,481,935**

[13] C

[51] **Int.Cl. C04B 35/42 (2006.01) C04B 35/105 (2006.01) C04B 35/185 (2006.01) C04B 38/00 (2006.01) H01T 13/38 (2006.01)**

[25] FR

[54] **PROCEDE DE PREPARATION D'UNE CERAMIQUE SEMI-CONDUCTRICE, CERAMIQUE SEMI-CONDUCTRICE ET BOUGIE D'ALLUMAGE UTILISANT CETTE CERAMIQUE**

[54] **SEMI-CONDUCTIVE CERAMIC, PROCESS FOR PREPARING THIS CERAMIC, AND SPARK PLUG USING THIS CERAMIC**

[72] COLLARDEY, FRANCOIS, FR

[72] JANKOWIAK, AURELIEN, FR

[72] BLANCHART, PHILIPPE, FR

[72] LAIGNEAU, DOMINIQUE, FR

[73] MEGGITT (FRANCE), FR

[22] 2004-10-06

[30] FR (03 12043) 2003-10-15

[11] **2,482,583**

[13] C

[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 17/28 (2006.01)**

[25] EN

[54] **SURGICAL STAPLING INSTRUMENT WITH MULTISTROKE FIRING INCORPORATING AN ANTI-BACKUP MECHANISM**

[54] **INSTRUMENT D'AGRAFAGE CHIRURGICAL AUTOMATIQUE COMPRENANT UN MECANISME QUI PREVIENT LES MOUVEMENTS DE RECUL**

[72] SHELTON IV, FREDERICK E., US

[72] SETSER, MICHAEL E., US

[73] ETHICON ENDO-SURGERY, INC., US

[22] 2004-09-27

[30] US (10/673,929) 2003-09-29

**Brevets canadiens délivrés  
24 July 2012**

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[11] **2,483,800**  
[13] C

[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/10 (2006.01) B05D 7/14 (2006.01) B65D 83/06 (2006.01)**

[25] EN

[54] **DRY POWDER INHALER WITH BLISTER HOOD**

[54] **INHALATEUR POUR Poudre SECHE AVEC CAPOT DE BULLE**

[72] YOUNG, MATTHEW E., GB

[72] LIGOTKE, MICHAEL, US

[72] HARRISON, NEIL R., GB

[72] WELSH, JAMES, GB

[72] KAY, STUART B.W., GB

[73] QUADRANT TECHNOLOGIES LIMITED, GB

[85] 2004-09-10

[86] 2003-03-14 (PCT/US2003/007929)

[87] (WO2003/077979)

[30] US (10/099,592) 2002-03-15

---

[11] **2,486,181**  
[13] C

[51] **Int.Cl. F03D 11/02 (2006.01) F03D 9/00 (2006.01) F16H 39/00 (2006.01) F16H 39/02 (2006.01) F16H 61/42 (2010.01)**

[25] EN

[54] **WIND TURBINE WITH HYDRAULIC TRANSMISSION**

[54] **EOLIENNE A TRANSMISSION HYDRAULIQUE**

[72] MCCONNELL, DAVID, CA

[72] HARVEY, ALEXANDER S., CA

[73] WIND SMART INC., CA

[85] 2004-11-16

[86] 2003-05-16 (PCT/CA2003/000717)

[87] (WO2003/098037)

[30] US (60/319,249) 2002-05-16

---

[11] **2,486,252**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C07K 14/50 (2006.01) C12N 15/85 (2006.01) C12Q 1/00 (2006.01) C12Q 1/02 (2006.01)**

[25] EN

[54] **METHODS FOR SCREENING FOR AGENTS THAT MODULATE HEPATOCELLULAR CARCINOMA DEVELOPMENT**

[54] **PROCEDES DE CRIBLAGE D'AGENTS MODULANT LE DEVELOPPEMENT DU CARCINOME HEPATOCELLULAIRE**

[72] FRENCH, DOROTHY, US

[72] ASHKENAZI, AVI J., US

[72] DESNOYERS, LUC, US

[72] STEPHAN, JEAN-PHILIPPE F., US

[73] GENENTECH, INC., US

[85] 2004-11-16

[86] 2003-06-04 (PCT/US2003/017697)

[87] (WO2003/103725)

[30] US (60/387,264) 2002-06-07

---

[11] **2,486,319**  
[13] C

[51] **Int.Cl. G11B 20/12 (2006.01) G11B 7/00 (2006.01) G11B 7/0037 (2006.01) G11B 7/0045 (2006.01) G11B 7/007 (2006.01) G11B 20/18 (2006.01)**

[25] EN

[54] **RECORDING MEDIUM, RECORDING DEVICE, REPRODUCTION DEVICE, RECORDING METHOD, AND REPRODUCTION METHOD**

[54] **SUPPORT, DISPOSITIF ET PROCEDE D'ENREGISTREMENT, DISPOSITIF ET PROCEDE DE REPRODUCTION**

[72] TERADA, MITSUTOSHI, JP

[72] KOBAYASHI, SHOEI, JP

[72] KURAOKA, TOMOTAKA, JP

[73] SONY CORPORATION, JP

[85] 2004-11-09

[86] 2004-03-11 (PCT/JP2004/003212)

[87] (WO2004/081936)

[30] JP (2003-066661) 2003-03-12

---

[11] **2,487,276**  
[13] C

[51] **Int.Cl. G01V 7/16 (2006.01) G01C 7/02 (2006.01) G01C 11/02 (2006.01) G01S 17/89 (2006.01)**

[25] EN

[54] **GRAVITY SURVEYS**

[54] **LEVES GRAVIMETRIQUES**

[72] STONE, PETER MITCHELL, AU

[72] TURNER, ROBERT JOHN, AU

[72] LEE, JAMES BERESFORD, AU

[72] MONKS, TIMOTHY JOHN (DECEASED), AU

[73] FUGRO FINANCE AG, CH

[85] 2004-11-04

[86] 2002-06-06 (PCT/AU2002/000732)

[87] (WO2002/103398)

[30] AU (PR 5757) 2001-06-18

---

[11] **2,487,873**  
[13] C

[51] **Int.Cl. C07F 3/06 (2006.01) B01J 20/22 (2006.01) B01J 20/28 (2006.01) B01J 39/16 (2006.01) C02F 1/28 (2006.01) C02F 1/42 (2006.01)**

[25] EN

[54] **SHAPED BODIES CONTAINING METAL-ORGANIC FRAMEWORKS**

[54] **CORPS FORMES CONTENANT DES STRUCTURES ORGANOMETALLIQUES**

[72] LOBREE, LISA, US

[72] MULLER, ULRICH, DE

[72] EDDAOUDI, MOHAMED, US

[72] YAGHI, OMAR M., US

[72] HESSE, MICHAEL, DE

[73] BASF AKTIENGESELLSCHAFT, DE

[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US

[85] 2004-11-30

[86] 2003-05-27 (PCT/EP2003/005546)

[87] (WO2003/102000)

[30] US (10/157,182) 2002-05-30

**Canadian Patents Issued  
July 24 2012**

---

[11] **2,488,121**  
[13] C

[51] **Int.Cl. C08F 283/06 (2006.01) A61K 9/107 (2006.01) A61K 9/66 (2006.01) A61K 47/30 (2006.01) C08F 290/06 (2006.01) C08F 290/14 (2006.01) C08G 65/00 (2006.01) C08G 65/329 (2006.01)**

[25] EN  
[54] **MICELLE ASSEMBLIES**  
[54] **ASSEMBLAGES DE MICELLES**  
[72] TIAN, LU, US  
[72] UHRICH, KATHRYN E., US  
[73] RUTGERS, THE STATE UNIVERSITY, US  
[85] 2004-12-02  
[86] 2003-06-06 (PCT/US2003/017902)  
[87] (WO2003/103594)  
[30] US (60/386,920) 2002-06-07

---

[11] **2,488,167**  
[13] C

[51] **Int.Cl. C07K 5/06 (2006.01) A61K 38/00 (2006.01) A61K 38/05 (2006.01) C07K 5/062 (2006.01) C07K 5/065 (2006.01) C07K 5/068 (2006.01)**

[25] EN  
[54] **PRODRUGS OF EXCITATORY AMINO ACIDS**  
[54] **PROMEDICAMENTS D'ACIDES AMINES EXCITATEURS**  
[72] COLLADO CANO, IVAN, US  
[72] BLANCO-URGOITI, JAIME GONZALO, US  
[72] PEDREGAL-TERCERO, CONCEPCION, ES  
[72] MONN, JAMES ALLEN, US  
[72] MOHER, ERIC DAVID, US  
[73] ELI LILLY AND COMPANY, US  
[85] 2004-12-02  
[86] 2003-06-06 (PCT/US2003/015405)  
[87] (WO2003/104217)  
[30] EP (02380120.2) 2002-06-11  
[30] EP (02380121.0) 2002-06-11  
[30] US (60/415,936) 2002-10-03  
[30] US (60/415,937) 2002-10-03

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[11] **2,488,529**  
[13] C

[51] **Int.Cl. G01P 1/08 (2006.01) B60K 35/00 (2006.01) B60K 37/02 (2006.01) B60Q 3/04 (2006.01) G01D 7/00 (2006.01)**

[25] EN  
[54] **DUAL SCALE VEHICLE GAUGE**  
[54] **COMPTEUR DE VEHICULE A DEUX ECHELLES**  
[72] QUIGLEY, JON, US  
[72] BLACKARD, MICHAEL, US  
[73] VOLVO GROUP NORTH AMERICA, LLC, US  
[85] 2004-12-03  
[86] 2003-05-30 (PCT/US2003/017019)  
[87] (WO2003/102600)  
[30] US (10/161,429) 2002-06-03

---

[11] **2,488,757**  
[13] C

[51] **Int.Cl. A47G 27/02 (2006.01) D06N 7/00 (2006.01) E04F 15/10 (2006.01) E04F 21/20 (2006.01)**

[25] EN  
[54] **METHOD OF PRODUCING CARPET TILES**  
[54] **CONCEPTION, FABRICATION ET INSTALLATION D'UNE DALLE DE MOQUETTE ASYMETRIQUE**  
[72] JONES, WILLIAM N., US  
[72] HALL, JERRY C., US  
[72] OAKEY, DAVID D., US  
[73] INTERFACE, INC., US  
[85] 2004-12-07  
[86] 2003-06-05 (PCT/US2003/017862)  
[87] (WO2003/103945)  
[30] US (10/165,848) 2002-06-07

---

[11] **2,489,092**  
[13] C

[51] **Int.Cl. H01H 3/14 (2006.01) A61B 17/00 (2006.01) A61B 18/12 (2006.01) H01H 9/18 (2006.01)**

[25] EN  
[54] **ILLUMINATED FOOT-SWITCH**  
[54] **COMMUTATEUR DE REGLAGE DE LA LUMIERE A COMMANDE AU PIED**  
[72] BLAHA, DEREK M., US  
[72] GREGG, WILLIAM N., US  
[73] SHERWOOD SERVICES AG, CH  
[85] 2004-12-07  
[86] 2003-05-29 (PCT/US2003/017126)  
[87] (WO2003/105169)  
[30] US (60/388,658) 2002-06-11

---

[11] **2,489,253**  
[13] C

[51] **Int.Cl. B61K 3/00 (2006.01)**

[25] EN  
[54] **TRACKSIDE FRICTION MANAGEMENT DIGITAL CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE NUMERIQUE DE GESTION DE FRICTION DE COTE DE VOIE DE CHEMIN DE FER**  
[72] APPLEBY, GLEN, CA  
[72] LAMOND, JACQUES, CA  
[72] PAPAZOGLU, KOSTAS, CA  
[73] PORTEC, RAIL PRODUCTS LTD., CA  
[85] 2004-12-10  
[86] 2003-06-10 (PCT/IB2003/002782)  
[87] (WO2003/106240)  
[30] US (60/388,456) 2002-06-13

---

[11] **2,489,261**  
[13] C

[51] **Int.Cl. C08G 18/72 (2006.01) B05D 7/14 (2006.01) B05D 7/24 (2006.01) B32B 27/30 (2006.01) B32B 27/38 (2006.01) C08G 18/34 (2006.01) C08G 18/62 (2006.01) C08G 18/81 (2006.01) C08J 3/24 (2006.01) C08J 7/04 (2006.01) C08L 33/00 (2006.01) C08L 63/00 (2006.01) C08L 75/00 (2006.01) C09D 4/00 (2006.01) C09D 7/12 (2006.01) C09D 175/00 (2006.01) C09D 175/04 (2006.01) C09D 175/14 (2006.01) C09D 175/16 (2006.01)**

[25] EN  
[54] **A PROCESS FOR THE PREPARATION OF DUAL CURE HARDENERS AND COATING SYSTEMS CONTAINING THEM**  
[54] **PROCEDE DE PREPARATION D'AGENTS A DOUBLE DURCISSEMENT ET SYSTEMES DE REVETEMENT LES CONTENANT**  
[72] FISCHER, WOLFGANG, DE  
[72] WEIKARD, JAN, DE  
[72] MECHTEL, MARKUS, DE  
[73] BAYER MATERIALSCIENCE AG, DE  
[22] 2004-12-06  
[30] DE (10357712.2) 2003-12-09

**Brevets canadiens délivrés  
24 July 2012**

---

[11] **2,489,783**  
[13] C

[51] **Int.Cl. F16B 5/04 (2006.01) B64C 1/00 (2006.01) B64C 1/12 (2006.01) B64C 3/26 (2006.01) F16B 19/06 (2006.01) F16B 19/08 (2006.01)**

[25] FR

[54] **DISPOSITIF D'ASSEMBLAGE PAR RIVETAGE DE PLUSIEURS ELEMENTS ET PROCEDE D'ASSEMBLAGE DE PANNEAUX NOTAMMENT DE FUSELAGE D'AERONEF A L'AIDE DUDIT DISPOSITIF**

[54] **RIVET ASSEMBLY APPARATUS AND PROCESS FOR ASSEMBLING PANELS, SPECIFICALLY AIRCRAFT FUSELAGE, USING THE APPARATUS**

[72] MEYER, CEDRIC, FR

[73] AIRBUS OPERATIONS SAS, FR

[22] 2004-12-07

[30] FR (03 14482) 2003-12-10

---

[11] **2,495,214**  
[13] C

[51] **Int.Cl. B65D 51/00 (2006.01) A61J 1/00 (2006.01) B65D 23/00 (2006.01)**

[25] EN

[54] **CLOSURE SYSTEM FOR A VIAL, VIAL, METHOD OF CLOSING AND FILLING A VIAL AND STAND FOR A VIAL**

[54] **DISPOSITIF DE FERMETURE POUR UN FLACON, FLACON, METHODE DE FERMETURE ET DE REMPLISSAGE ET SUPPORT POUR UN FLACON**

[72] THILLY, JACQUES, BE

[72] VANDECASSERIE, CHRISTIAN, BE

[73] ASEPTIC TECHNOLOGIES S.A., BE

[85] 2005-02-11

[86] 2003-08-15 (PCT/EP2003/009151)

[87] (WO2004/018317)

[30] GB (0219152.6) 2002-08-16

[30] GB (0304268.6) 2003-02-25

---

[11] **2,495,373**  
[13] C

[51] **Int.Cl. A61F 2/44 (2006.01) A61F 2/00 (2006.01) A61F 2/08 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61F 2/40 (2006.01) A61F 2/46 (2006.01)**

[25] EN

[54] **CONTROLLED ARTIFICIAL INTERVERTEBRAL DISC IMPLANT**

[54] **DISQUE INTERVERTEBRAL ARTIFICIEL CONTROLE**

[72] GERBER, DAVID, US

[72] STIHL, PASCAL, US

[72] BOYER, MICHAEL L., II, US

[72] ANGELUCCI, CHRISTOPHER M., US

[72] COPPES, JUSTIN K., US

[72] PAUL, DAVID, US

[73] SYNTHES USA, LLC, US

[85] 2005-02-14

[86] 2003-08-15 (PCT/US2003/025536)

[87] (WO2004/016217)

[30] US (60/403,402) 2002-08-15

[30] US (60/403,356) 2002-08-15

---

[11] **2,490,116**  
[13] C

[51] **Int.Cl. A61K 38/28 (2006.01) A61K 47/26 (2006.01)**

[25] EN

[54] **ACIDIC INSULIN PREPARATIONS WITH IMPROVED STABILITY**

[54] **PREPARATIONS ACIDES D'INSULINE AYANT UNE MEILLEURE STABILITE**

[72] BRUNNER-SCHWARZ, ANETTE, DE

[72] LILL, NORBERT, DE

[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2004-12-15

[86] 2003-06-05 (PCT/EP2003/005887)

[87] (WO2003/105888)

[30] DE (102 27 232.8) 2002-06-18

---

[11] **2,495,314**  
[13] C

[51] **Int.Cl. A61F 2/00 (2006.01) A61B 17/00 (2006.01) A61B 17/06 (2006.01)**

[25] EN

[54] **MEDICAL IMPLANT**

[54] **IMPLANT MEDICAL**

[72] SLANDA, JOZEF, US

[72] INTOCCIA, ALFRED, US

[72] CHU, MICHAEL S. H., US

[72] MCGRATH, MICHAEL G., US

[73] BOSTON SCIENTIFIC LIMITED, BB

[85] 2005-02-14

[86] 2003-08-14 (PCT/US2003/025377)

[87] (WO2004/016180)

[30] US (60/403,555) 2002-08-14

[30] US (60/449,465) 2003-02-24

---

[11] **2,495,851**  
[13] C

[51] **Int.Cl. H01R 33/08 (2006.01) H01R 33/97 (2006.01)**

[25] EN

[54] **SECURE LAMP BASE AND SOCKET**

[54] **CULOT ET DOUILLE DE LAMPE FIXES SOLIDEMENT**

[72] KOVACS, GEORGE, US

[73] LIGHTSOURCES, INC., US

[22] 2005-02-02

[30] US (10/771,945) 2004-02-04

---

[11] **2,491,352**  
[13] C

[51] **Int.Cl. F02B 53/02 (2006.01) F01C 1/10 (2006.01) F01C 1/22 (2006.01)**

[25] EN

[54] **CONTINUOUS TORQUE INVERSE DISPLACEMENT ASYMMETRIC ROTARY ENGINE**

[54] **MOTEUR ROTATIF ASYMETRIQUE A DEPLACEMENT INVERSE ET COUPLE CONTINU**

[72] WOOLDRIDGE, JOSEPH B., US

[73] LUMENIUM LLC, US

[85] 2004-12-29

[86] 2003-05-12 (PCT/US2003/014906)

[87] (WO2004/007926)

[30] US (60/396,176) 2002-07-16

[30] US (10/340,186) 2003-01-10

---

[11] **2,500,568**  
[13] C

[51] **Int.Cl. H01F 27/28 (2006.01) H01F 27/34 (2006.01) H01F 41/04 (2006.01)**

[25] EN

[54] **MAIN CONDUCTOR FOR A CAPACITIVELY CONTROLLED HIGH-VOLTAGE WINDING**

[54] **CONDUCTEUR PRINCIPAL POUR ENROULEMENT HAUTE TENSION A COMMANDE CAPACITIVE**

[72] RUNGE, JOACHIM, DE

[72] SCHAUMBURG, WILHELM, DE

[73] ESSEX EUROPE, FR

[22] 2005-03-14

[30] DE (10 2004 013 416.2) 2004-03-18

Canadian Patents Issued  
July 24 2012

---

[11] **2,501,138**  
[13] C  
[51] Int.Cl. B66B 7/06 (2006.01) B66B 7/12 (2006.01)  
[25] EN  
[54] ELEVATOR INSTALLATION WITH COMPENSATING-MEANS GUIDE  
[54] INSTALLATION D'ASCENSEUR A GUIDE DE DISPOSITIF COMPENSATEUR  
[72] WEINGARTNER, FRANZ, CH  
[72] MOERI, PETER, CH  
[72] GENSICKE, KARSTEN, CH  
[73] INVENTIO AG, CH  
[22] 2005-03-17  
[30] EP (04006290.3) 2004-03-17

---

[11] **2,501,738**  
[13] C  
[51] Int.Cl. A61K 38/24 (2006.01) A61K 38/16 (2006.01) A61K 38/27 (2006.01)  
[25] EN  
[54] METHOD OF TREATING CHRONIC PELVIC PAIN SYNDROME BY ADMINISTRATION OF CHORIONIC GONADOTROPIN  
[54] PROCEDE DE TRAITEMENT DU SYNDROME DE DOULEUR PELVIENNE CHRONIQUE PAR ADMINISTRATION DE GONADOTROPINE CHORIONIQUE  
[72] MCMICHAEL, JOHN, US  
[73] MILKHAUS LABORATORY, INC., US  
[85] 2005-04-08  
[86] 2003-05-29 (PCT/US2003/016984)  
[87] (WO2004/032954)  
[30] US (60/417,878) 2002-10-11

---

[11] **2,501,969**  
[13] C  
[51] Int.Cl. G01N 3/08 (2006.01) G01N 3/00 (2006.01) G01N 3/02 (2006.01) G01N 33/34 (2006.01)  
[25] EN  
[54] METHOD FOR DETERMINING THE MODULUS OF ELASTICITY OF PAPER  
[54] PROCEDE DE DETERMINATION DU MODULE D'ELASTICITE DE PAPIER  
[72] JORKAMA, MARKO, FI  
[73] METSO PAPER, INC., FI  
[85] 2005-04-11  
[86] 2003-10-22 (PCT/FI2003/000784)  
[87] (WO2004/038384)  
[30] FI (20021902) 2002-10-24

---

[11] **2,502,114**  
[13] C  
[51] Int.Cl. C21D 7/04 (2006.01) C21D 1/18 (2006.01) C21D 1/19 (2006.01) C21D 7/10 (2006.01) C21D 8/00 (2006.01) C21D 8/02 (2006.01) C21D 8/06 (2006.01)  
[25] EN  
[54] COLD-WORKED STEELS WITH PACKET-LATH MARTENSITE/AUSTENITE MICROSTRUCTURE  
[54] ACIERS ECROUIS A MICROSTRUCTURE MARTENSITIQUE/AUSTENITIQUE A LATTAGES PAR PAQUETS  
[72] KUSINSKI, GRZEGORZ J., US  
[72] THOMAS, GARETH, FR  
[73] MMFX TECHNOLOGIES CORPORATION, US  
[85] 2005-04-12  
[86] 2003-11-18 (PCT/US2003/036875)  
[87] (WO2004/046400)  
[30] US (60/427,830) 2002-11-19  
[30] US (10/645,833) 2003-08-20

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[11] **2,503,851**  
[13] C  
[51] Int.Cl. F16L 41/06 (2006.01) F16L 41/12 (2006.01) F16L 47/34 (2006.01)  
[25] EN  
[54] METHOD FOR CONNECTING A BRANCH PIPE TO A MAIN PIPELINE AND UNDERGROUND NETWORK FOR DISTRIBUTING FLUID  
[54] METHODE DE RACCORDEMENT D'UN TUYAU D'EMBRANCHEMENT A UNE CONDUITE MAITRESSE ET A UN RESEAU SOUTERRAIN POUR LA DISTRIBUTION DE FLUIDES  
[72] DARUT, ALAIN, FR  
[72] BIDEAULT, JEAN-MICHEL, FR  
[72] HARDY, MICHEL, FR  
[73] GDF SUEZ, FR  
[22] 2005-04-07  
[30] FR (04 03948) 2004-04-15

---

[11] **2,505,022**  
[13] C  
[51] Int.Cl. B65D 88/16 (2006.01) B65D 19/22 (2006.01)  
[25] EN  
[54] BULK BAG AND SKID COMBINATION  
[54] SAC A REMPLISSAGE EN VRAC ET PLATEAU COMBINES  
[72] BAKER, GERALD LYNN, CA  
[73] LSI-LIFT SYSTEMS INCORPORATED, CA  
[22] 2005-04-25

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[11] **2,505,913**  
[13] C  
[51] Int.Cl. G01N 21/17 (2006.01) G01N 21/03 (2006.01)  
[25] EN  
[54] PHOTOACOUSTIC GAS SENSOR UTILIZING DIFFUSION  
[54] CAPTEUR DE GAZ PHOTOACOUSTIQUE UTILISANT LA DIFFUSION  
[72] UBER, ROBERT E., US  
[73] MINE SAFETY APPLIANCES COMPANY, US  
[85] 2005-05-11  
[86] 2004-05-12 (PCT/US2004/014839)  
[87] (WO2005/017500)  
[30] US (10/635,270) 2003-08-06

---

[11] **2,506,311**  
[13] C  
[51] Int.Cl. B65D 43/02 (2006.01)  
[25] EN  
[54] CONTAINER FOR TRANSPORTING HAZARDOUS SUBSTANCES  
[54] CONTENANT POUR LE TRANSPORT DE SUBSTANCES DANGEREUSES  
[72] BARTUSEL, JENS, DE  
[72] KELLERER, RICHARD, DE  
[73] SCHOELLER ARCA SYSTEMS GMBH, DE  
[85] 2005-05-16  
[86] 2003-10-13 (PCT/EP2003/011313)  
[87] (WO2004/045978)  
[30] DE (102 53 371.7) 2002-11-15  
[30] DE (102 60 225.5) 2002-12-20

---

[11] **2,506,376**  
[13] C  
[51] Int.Cl. B60R 9/00 (2006.01)  
[25] EN  
[54] VEHICLE STORAGE BOX ASSEMBLY  
[54] BOITE DE RANGEMENT POUR VEHICULE  
[72] DAMIAN, GERALD M., US  
[73] DAMIAN PRODUCTIONS, INC., US  
[22] 2005-05-05  
[30] US (10/841,161) 2004-05-07

---

**Brevets canadiens délivrés  
24 July 2012**

---

[11] **2,507,610**  
[13] C

[51] **Int.Cl. B05B 11/00 (2006.01)**  
[25] FR  
[54] **POMPE DOSEUSE A  
ACTIONNEMENT MANUEL  
[54] MANUALLY-ACTUATED  
METERING PUMP**  
[72] PUVILAND, PATRICE, FR  
[72] TABERLET, JEAN-PHILIPPE, FR  
[72] ARGHYRIS, LAURENT, FR  
[73] LABLABO, FR  
[85] 2005-05-27  
[86] 2003-11-15 (PCT/FR2003/003725)  
[87] (WO2004/054721)  
[30] FR (02/15854) 2002-12-13

---

[11] **2,508,317**  
[13] C

[51] **Int.Cl. H04L 29/06 (2006.01) G06F 9/44 (2006.01) G06F 17/30 (2006.01) H04L 29/08 (2006.01)**  
[25] EN  
[54] **SESSION-RETURN ENABLING  
STATEFUL WEB APPLICATIONS  
[54] RETOUR SESSION PERMETTANT  
DES APPLICATIONS WEB ASSOCIEES  
A UN ETAT**  
[72] HEYMANN, JUERGEN, DE  
[72] OFFERMANN, UDO, DE  
[72] BRENDLE, RAINER, DE  
[72] DRITTLER, BERNHARD, DE  
[72] HAYER, ROMAN, DE  
[73] SAP AKTIENGESELLSCHAFT, DE  
[85] 2005-06-01  
[86] 2003-12-02 (PCT/IB2003/006400)  
[87] (WO2004/068367)  
[30] US (60/430,503) 2002-12-02

---

[11] **2,508,505**  
[13] C

[51] **Int.Cl. B01J 8/02 (2006.01) B01J 19/24 (2006.01) F28D 7/10 (2006.01)**  
[25] EN  
[54] **HEAT EXCHANGE PROCESS AND  
REACTOR  
[54] PROCEDE D'ECHANGE DE  
CHALEUR ET REACTEUR**  
[72] BOE, MICHAEL, DK  
[72] THOMSEN, SOREN GYDE, DK  
[73] HALDOR TOPSOE A/S, DK  
[22] 2005-05-27  
[30] DK (PA 2004 00855) 2004-05-29

---

---

[11] **2,508,904**  
[13] C

[51] **Int.Cl. B66B 5/04 (2006.01) B66B 1/32 (2006.01)**  
[25] EN  
[54] **ELEVATOR SUPERVISION  
[54] SURVEILLANCE D'ASCENSEUR**  
[72] ANGST, PHILIPP, CH  
[73] INVENTIO AG, CH  
[22] 2005-05-31  
[30] EP (04 405334.6) 2004-06-02

---

[11] **2,509,743**  
[13] C

[51] **Int.Cl. F01D 9/02 (2006.01)**  
[25] EN  
[54] **TURBINE VANE COLLAR SEAL  
[54] JOINT DE BRIDE DE VANNE A  
REGISTRE DE TURBINE**  
[72] BHATE, NITIN, US  
[72] BULMAN, DAVID EDWARD, US  
[72] WELLS, THOMAS ALLEN, US  
[72] NOE, MARK EUGENE, US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 2005-06-09  
[30] US (10/874,518) 2004-06-23

---

[11] **2,509,904**  
[13] C

[51] **Int.Cl. E04H 6/10 (2006.01) E04H 14/00 (2006.01)**  
[25] EN  
[54] **MIXED-USE PEDESTRIAN-  
ORIENTED PARKING STRUCTURE  
[54] STRUCTURE DE PARC DE  
STATIONNEMENT  
MULTIFONCTIONNELLE  
FAVORISANT LES PIETONS**  
[72] GUSTAFSON, THOMAS F., US  
[73] GUSTAFSON, THOMAS F., US  
[85] 2005-06-13  
[86] 2003-12-15 (PCT/US2003/039804)  
[87] (WO2004/055644)  
[30] US (60/432,709) 2002-12-13

---

---

[11] **2,510,277**  
[13] C

[51] **Int.Cl. G01N 33/558 (2006.01)**  
[25] EN  
[54] **RAPID TEST FOR GLYCATED  
ALBUMIN  
[54] TEST RAPIDE POUR ALBUMINE  
GLYCATEE**  
[72] SMITH, HENRY J., US  
[72] ZAIDI, ASAD, US  
[73] EPINEX DIAGNOSTIC, INC., US  
[85] 2005-06-14  
[86] 2004-09-22 (PCT/US2004/031202)  
[87] (WO2005/031356)  
[30] US (60/505,392) 2003-09-23

---

[11] **2,510,763**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
RANKING SEARCH RESULTS BASED  
ON TRACKED USER PREFERENCES  
[54] SYSTEME ET METHODE DU  
CLASSEMENT DES RESULTATS DE  
RECHERCHE BASE SUR LES PISTES  
DE RECHERCHE PREFEREES DE  
L'UTILISATEUR**  
[72] NAAM, RAMEZ, US  
[73] MICROSOFT CORPORATION, US  
[22] 2005-06-27  
[30] US (10/879,046) 2004-06-30

---

[11] **2,512,242**  
[13] C

[51] **Int.Cl. C07D 401/04 (2006.01)**  
[25] EN  
[54] **CYANO ANTHRANILAMIDE  
INSECTICIDES  
[54] INSECTICIDES A BASE DE  
CYANO-ANTHRANILAMIDE**  
[72] STEVENSON, THOMAS MARTIN, US  
[72] SELBY, THOMAS PAUL, US  
[72] HUGHES, KENNETH ANDREW, US  
[72] LAHM, GEORGE PHILIP, US  
[73] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 2005-06-29  
[86] 2004-01-21 (PCT/US2004/003568)  
[87] (WO2004/067528)  
[30] US (60/443,256) 2003-01-28

---

Canadian Patents Issued  
July 24 2012

[11] 2,513,283

[13] C

[51] Int.Cl. A62B 35/00 (2006.01) B61B 12/02 (2006.01) E04G 21/32 (2006.01)

[25] EN

[54] TROLLEY AND RAIL APPARATUS FOR USE IN FALL PROTECTION AND SIMILAR APPLICATIONS

[54] DISPOSITIF A CHARIOT ET A RAIL UTILISE POUR LA PROTECTION CONTRE LES CHUTES ET APPLICATIONS SIMILAIRES

[72] VETESNIK, JAN, CA

[73] D B INDUSTRIES, INC., US

[22] 2005-07-15

[11] 2,515,245

[13] C

[51] Int.Cl. C04B 14/30 (2006.01) C04B 28/02 (2006.01) E01C 5/06 (2006.01)

[25] EN

[54] CEMENT-BASED PAVING BLOCKS FOR PHOTOCATALYTIC PAVING FOR THE ABATEMENT OF URBAN POLLUTANTS

[54] BLOCS DE PAVEMENT A BASE DE CIMENT POUR PAVEMENT PHOTOCATALYTIQUE EN VUE D'UNE REDUCTION DES ELEMENTS POLLUANTS URBAINS

[72] CASSAR, LUIGI, IT

[72] CUCITORE, ROBERTO, IT

[72] PEPE, CARMINE, IT

[73] ITALCEMENTI S.P.A., IT

[85] 2005-08-04

[86] 2004-02-18 (PCT/EP2004/001525)

[87] (WO2004/074202)

[30] IT (MI2003A000291) 2003-02-18

[11] 2,515,731

[13] C

[51] Int.Cl. A61K 8/81 (2006.01) A61K 8/04 (2006.01) A61K 8/35 (2006.01) A61K 8/37 (2006.01) A61P 17/16 (2006.01) A61Q 17/04 (2006.01)

[25] EN

[54] SUNSCREEN HYDROETHANOLIC FOAM

[54] MOUSSE HYDROETHANOLIQUE POUR ECRAN SOLAIRE

[72] HUGGINS, JOAN KATHLEEN, AU

[72] HOULDEN, ROBERT JAMES, AU

[73] STIEFEL RESEARCH AUSTRALIA PTY LTD, AU

[85] 2005-08-11

[86] 2004-02-12 (PCT/AU2004/000170)

[87] (WO2004/071479)

[30] US (60/447,445) 2003-02-12

[11] 2,515,911

[13] C

[51] Int.Cl. F23G 5/08 (2006.01) A62D 3/19 (2007.01) C10B 53/00 (2006.01) F23G 5/027 (2006.01) F23G 5/50 (2006.01) F23G 7/00 (2006.01)

[25] EN

[54] MULTIPLE PLASMA GENERATOR HAZARDOUS WASTE PROCESSING SYSTEM

[54] SYSTEME DE TRAITEMENT DE DECHETS DANGEREUX AU MOYEN DE GENERATEURS DE PLASMA MULTIPLES

[72] CAMPBELL, KENNETH C., CA

[72] TSANGARIS, ANDREAS, CA

[72] CARTER, GEORGE W., CA

[72] SHEN, JESSE Z., CA

[72] FEASBY, D., MICHAEL, CA

[73] PLASCO ENERGY GROUP INC., CA

[85] 2005-08-12

[86] 2004-02-10 (PCT/CA2004/000183)

[87] (WO2004/072547)

[30] CA (2,418,836) 2003-02-12

[11] 2,517,427

[13] C

[51] Int.Cl. C07D 403/04 (2006.01) A61K 31/429 (2006.01)

[25] EN

[54] ANTIPROTOZOAL

IMIDAZOPYRIDINE COMPOUNDS

[54] COMPOSES

D'IMIDAZOPYRIDINE

ANTIPROTOZOAIRES

[72] SCHMATZ, DENNIS M., US

[72] FISHER, MICHAEL H., US

[72] BIFTU, TESFAYE, US

[72] WYVRATT, MATTHEW J., US

[73] MERIAL LIMITED, US

[85] 2005-08-26

[86] 2004-03-02 (PCT/US2004/006153)

[87] (WO2004/080390)

[30] US (60/452,467) 2003-03-06

[11] 2,519,058

[13] C

[51] Int.Cl. H04N 7/18 (2006.01) G08B 13/196 (2006.01) G08B 15/00 (2006.01)

[25] EN

[54] THREE-DIMENSIONAL MONITORING IN THE AREA OF A LIFT BY MEANS OF A THREE-DIMENSIONAL SENSOR

[54] SYSTEME DE SURVEILLANCE 3D AU NIVEAU D'UN ASCENSEUR AU MOYEN D'UN CAPTEUR 3D

[72] DEPLAZES, ROMEO, CH

[72] CORTONA, ELENA, CH

[73] INVENTIO AG, CH

[85] 2005-09-13

[86] 2003-03-20 (PCT/CH2003/000181)

[87] (WO2004/084556)

[11] 2,519,652

[13] C

[51] Int.Cl. C08J 3/215 (2006.01) C08J 3/16 (2006.01) C08L 1/02 (2006.01)

[25] EN

[54] CELLULOSE MATRIX ENCAPSULATION AND METHOD [54] ENCAPSULATION DANS UNE MATRICE DE CELLULOSE ET PROCEDE ASSOCIE

[72] TURNER, MEGAN B., US

[72] HOLBREY, JOHN DAVID, GB

[72] ROGERS, ROBIN DON, US

[72] SPEAR, SCOTT K., US

[72] SWATLOSKI, RICHARD PATRICK, US

[73] THE UNIVERSITY OF ALABAMA, US

[85] 2005-09-20

[86] 2004-03-19 (PCT/US2004/008411)

[87] (WO2004/084627)

[30] US (10/394,989) 2003-03-21

**Brevets canadiens délivrés  
24 July 2012**

[11] **2,520,067**  
[13] C

[51] **Int.Cl. A61B 5/11 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR THE DERIVATION OF HUMAN GAIT CHARACTERISTICS AND DETECTING FALLS PASSIVELY FROM FLOOR VIBRATIONS**  
[54] **PROCEDE ET SYSTEME DE CARACTERISATION DE LA DEMARCHE HUMAINE ET DE DETERMINATION PASSIVE DES CHUTES A PARTIR DE VIBRATIONS DU PLANCHER**  
[72] ALWAN, MAJD, US  
[72] KELL, STEVEN W., US  
[72] DALAL, SIDDHARTH, US  
[72] FELDER, ROBIN A., US  
[73] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US  
[85] 2005-09-22  
[86] 2004-03-26 (PCT/US2004/009098)  
[87] (WO2004/092744)  
[30] US (60/460,237) 2003-04-03

[11] **2,520,984**  
[13] C

[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/00 (2006.01)**  
[25] EN  
[54] **CENTER-OF-GRAVITY TILT-IN-SPACE WHEELCHAIR**  
[54] **FAUTEUIL ROULANT INCLINABLE DANS L'ESPACE SELON LE CENTRE DE GRAVITE**  
[72] HANSON, WAYNE, US  
[72] LINDQUIST, STEVEN L., US  
[72] WHELAN, TOM, US  
[72] BERNATSKY, TODD, US  
[72] SCHREIBER, PHILIP, US  
[72] HOUTART, JERRY, US  
[72] SCHNEIDER, RICHARD, US  
[72] NORDQUIST, MIKE, US  
[72] KILLEBREW, ALLEN B., US  
[73] SUNRISE MEDICAL (US) LLC, US  
[85] 2005-09-30  
[86] 2004-03-31 (PCT/US2004/009771)  
[87] (WO2004/089268)  
[30] US (10/403,998) 2003-03-31

[11] **2,522,531**  
[13] C

[51] **Int.Cl. B01D 53/94 (2006.01)**  
[25] EN  
[54] **METHOD OF DECOMPOSING NITROGEN DIOXIDE**  
[54] **PROCEDE DE DECOMPOSITION DE DIOXYDE D'AZOTE**  
[72] RAJARAM, RAJ RAO, GB  
[72] WALKER, ANDREW PETER, GB  
[72] POLLINGTON, STEPHEN DAVID, GB  
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB  
[85] 2005-10-14  
[86] 2004-04-19 (PCT/GB2004/001680)  
[87] (WO2004/094045)  
[30] GB (0308944.8) 2003-04-17  
[30] GB (0318982.6) 2003-08-13

[11] **2,524,135**  
[13] C

[51] **Int.Cl. C08F 4/38 (2006.01) B01J 19/00 (2006.01) C08F 2/18 (2006.01) C08F 14/06 (2006.01)**  
[25] EN  
[54] **INCREASED POLYMERIZATION REACTOR OUTPUT BY USING A DUAL INITIATOR SYSTEM**  
[54] **RENDEMENT ACCRU D'UN REACTEUR DE POLYMERISATION DU A L'UTILISATION D'UN SYSTEME SPECIFIQUE D'INITIATEURS**  
[72] WESTMIJZE, HANS, NL  
[72] VANDUFFEL, KOEN ANTOON KORNELIS, NL  
[72] VAN SWIETEN, ANDREAS PETRUS, NL  
[72] MEULENBRUGGE, LAMBERTUS, NL  
[73] AKZO NOBEL N.V., NL  
[85] 2005-10-28  
[86] 2004-04-27 (PCT/EP2004/004500)  
[87] (WO2004/096871)  
[30] EP (03076390.8) 2003-05-01

[11] **2,525,026**  
[13] C

[51] **Int.Cl. G07D 9/00 (2006.01)**  
[25] FR  
[54] **EMBALLAGE REUTILISABLE POUR JETONS OU PIECES DE MONNAIE**  
[54] **REUSABLE PACKAGING FOR TOKENS OR COINS**  
[72] ERRERA, DAVID, BE  
[73] NHE SPRL, BE  
[85] 2005-11-07  
[86] 2004-05-24 (PCT/EP2004/050900)  
[87] (WO2004/104949)  
[30] EP (03101492.1) 2003-05-23

[11] **2,526,011**  
[13] C

[51] **Int.Cl. C07C 7/08 (2006.01) C07C 11/167 (2006.01)**  
[25] EN  
[54] **METHOD FOR OBTAINING CRUDE 1,3-BUTADIENE FROM A C4 FRACTION**  
[54] **PROCEDE D'EXTRACTION DE 1,3-BUTADIENE BRUT A PARTIR D'UNE FRACTION DE C4**  
[72] HEIDA, BERND, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 2005-11-16  
[86] 2004-05-19 (PCT/EP2004/005407)  
[87] (WO2004/103937)  
[30] DE (103 22 655.9) 2003-05-20

[11] **2,526,060**  
[13] C

[51] **Int.Cl. C02F 1/32 (2006.01)**  
[25] EN  
[54] **DEVICE FOR DISINFECTING WATER BY MEANS OF ULTRAVIOLET RADIATION**  
[54] **DISPOSITIF DE DESINFECTION D'EAU PAR RAYONNEMENT ULTRAVIOLET**  
[72] VANPEENE, CHRISTIAN, FR  
[72] GIRODET, PIERRE, FR  
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR  
[85] 2005-11-16  
[86] 2004-05-17 (PCT/FR2004/001217)  
[87] (WO2004/108604)  
[30] FR (03/06638) 2003-06-02

Canadian Patents Issued  
July 24 2012

[11] 2,526,082  
[13] C

[51] Int.Cl. C07D 413/14 (2006.01) A61K 31/4196 (2006.01) A61P 7/02 (2006.01)

[25] EN

[54] TRIAZOLE-DERIVATIVES AS FACTOR XA INHIBITORS

[54] DERIVES DE TRIAZOLE UTILISES COMME INHIBITEURS DU FACTOR XA

[72] WAGNER, MICHAEL, DE

[72] LAUX, VOLKER, DE

[72] NAZARE, MARC, DE

[72] BAUER, ARMIN, DE

[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2005-11-16

[86] 2004-05-05 (PCT/EP2004/004752)

[87] (WO2004/101555)

[30] EP (03011309.6) 2003-05-19

[11] 2,527,435  
[13] C

[51] Int.Cl. A61K 31/198 (2006.01) A23L 1/305 (2006.01) A61P 3/00 (2006.01)

[25] EN

[54] AMINO ACID COMPOSITION AND SUPPLEMENTARY LIQUID CONTAINING THE SAME

[54] COMPOSITION D'ACIDE AMINE ET LIQUIDE SUPPLEMENTAIRE CONTENANT CETTE COMPOSITION

[72] ABE, TAKASHI, JP

[72] SAWAI, YASUKO, JP

[73] RIKEN, JP

[73] MEIJI CO., LTD., JP

[85] 2005-11-29

[86] 2004-05-31 (PCT/JP2004/007850)

[87] (WO2004/105748)

[30] JP (2003-155397) 2003-05-30

[11] 2,528,486  
[13] C

[51] Int.Cl. H04L 29/06 (2006.01) H04L 9/00 (2006.01)

[25] EN

[54] METHOD AND SYSTEM FOR STEPPING UP TO CERTIFICATE-BASED AUTHENTICATION WITHOUT BREAKING AN EXISTING SSL SESSION

[54] SYSTEME ET PROCEDE PERMETTANT D'EVOLUER VERS UNE AUTHENTICATION FONDEE SUR SUR LA PRESENTATION D'UN CERTIFICAT, SANS INTERRUPTION D'UNE SESSION SSL EN COURS

[72] VANDENWAUVER, MARK, US

[72] ASHLEY, PAUL ANTHONY, AU

[72] MUPPIDI, SRIDHAR, US

[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2005-12-06

[86] 2004-07-09 (PCT/EP2004/051435)

[87] (WO2005/015872)

[30] US (10/621,927) 2003-07-17

[11] 2,529,705  
[13] C

[51] Int.Cl. H02M 7/42 (2006.01)

[25] EN

[54] MULTIPLE INVERTERS FOR MOTORS

[54] ONDULEURS MULTIPLES POUR MOTEURS

[72] KUMAR, AJITH KUTTANNAIR, US

[73] GENERAL ELECTRIC COMPANY, US

[85] 2005-12-15

[86] 2004-06-09 (PCT/US2004/018326)

[87] (WO2005/006532)

[30] US (10/602,807) 2003-06-24

[11] 2,532,997  
[13] C

[51] Int.Cl. G06F 17/30 (2006.01)

[25] EN

[54] DATA STORAGE ARRAY

[54] MATRICE MEMOIRE DE

DONNEES

[72] SMITH, DANIEL FELIX, US

[72] HETZLER, STEVEN ROBERT, US

[73] INTERNATIONAL BUSINESS

MACHINES CORPORATION, US

[85] 2006-01-16

[86] 2004-07-07 (PCT/EP2004/051382)

[87] (WO2005/006215)

[30] US (10/619,641) 2003-07-14

[11] 2,533,063  
[13] C

[51] Int.Cl. A61M 25/06 (2006.01) A61B 1/00 (2006.01) A61M 29/00 (2006.01)

[25] FR

[54] DISPOSITIF D'AIDE A LA POSE PERCUTANEE D'UN TUBE GUIDE POUR UN NEPHROSCOPE DANS LA CHIRURGIE DU REIN

[54] DEVICE FOR AIDING THE PERCUTANEOUS POSITIONING OF A GUIDING TUBE FOR A NEPHROSCOPE IN KIDNEY SURGERY

[72] LEBET, ALAIN, CH

[73] LMA UROLOGY LIMITED, SC

[85] 2006-01-18

[86] 2004-07-28 (PCT/FR2004/002013)

[87] (WO2005/014096)

[30] FR (0309481) 2003-08-01

[11] 2,533,157  
[13] C

[51] Int.Cl. B01J 29/06 (2006.01) B01J 29/04 (2006.01) B01J 29/40 (2006.01) B01J 37/08 (2006.01) C07C 5/27 (2006.01)

[25] EN

[54] HIGH TEMPERATURE CALCINATION OF SELECTIVATED MOLECULAR SIEVE CATALYSTS FOR ACTIVITY AND DIFFUSIONAL MODIFICATION

[54] CALCINATION A HAUTE TEMPERATURE DE CATALYSEURS A TAMIS MOLECULAIRE RENDUS SELECTIFS POUR ACTIVITE ET MODIFICATION DE DIFFUSIONNELLE

[72] BORGHARD, WILLIAM G., US

[72] KENNEDY, CARRIE L., US

[72] CHESTER, ARTHUR WARREN, US

[72] STERN, DAVID LAWRENCE, US

[72] BECK, JEFFREY SCOTT, US

[73] EXXONMOBIL CHEMICAL

PATENTS INC., US

[85] 2006-01-20

[86] 2004-06-16 (PCT/US2004/018970)

[87] (WO2005/014169)

[30] US (10/625,322) 2003-07-23

**Brevets canadiens délivrés  
24 July 2012**

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[11] **2,535,296**  
[13] C

[51] **Int.Cl. A61B 17/86 (2006.01) F16B 2/06 (2006.01)**  
[25] EN  
[54] **CLAMPING DEVICE**  
[54] **DISPOSITIF DE SERRAGE**  
[72] GICQUEL, PHILIPPE, FR  
[72] NIEDERBERGER, ALFRED, CH  
[72] SCHLAEFLI, CHRISTOPH, CH  
[73] SYNTHES USA, LLC, US  
[85] 2006-02-08  
[86] 2003-08-08 (PCT/CH2003/000538)  
[87] (WO2005/013840)

---

[11] **2,535,724**  
[13] C

[51] **Int.Cl. A61K 8/63 (2006.01) A61K 31/573 (2006.01) A61K 47/10 (2006.01) A61Q 19/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS CONTAINING TOPICAL ACTIVE AGENTS AND PENTYLENE GLYCOL**  
[54] **COMPOSITIONS CONTENANT DES AGENTS ACTIFS TOPIQUES ET DU PENTYLENE GLYCOL**  
[72] CORNELL, MARC, US  
[72] FOLTIS, PETER, US  
[72] HANSENNE, ISABELLE, US  
[72] FARES, HANI, US  
[73] L'OREAL, FR  
[85] 2006-02-13  
[86] 2004-08-23 (PCT/EP2004/010771)  
[87] (WO2005/018582)  
[30] US (10/646,300) 2003-08-22

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[11] **2,536,182**  
[13] C

[51] **Int.Cl. C07K 5/08 (2006.01) A61K 38/06 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01)**  
[25] EN  
[54] **MACROCYCLIC PEPTIDES ACTIVE AGAINST THE HEPATITIS C VIRUS**  
[54] **PEPTIDES MACROCYCLIQUES ACTIFS CONTRE LE VIRUS DE L'HEPATITE C**  
[72] BAILEY, MURRAY D., CA  
[72] FORGIONE, PASQUALE, CA  
[72] GHIRO, ELISE, CA  
[72] BHARDWAJ, PUNIT, CA  
[72] HALMOS, TEDDY, CA  
[72] GOUDREAU, NATHALIE, CA  
[72] LLINAS-BRUNET, MONTSE, CA  
[72] RANCOURT, JEAN, CA  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2006-02-17  
[86] 2004-09-20 (PCT/CA2004/001658)  
[87] (WO2005/028501)  
[30] US (60/504,839) 2003-09-22

---

[11] **2,536,482**  
[13] C

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 31/167 (2006.01) A61K 31/196 (2006.01) A61K 31/496 (2006.01) A61K 47/12 (2006.01) A61K 47/18 (2006.01)**  
[25] EN  
[54] **PENETRATING PHARMACEUTICAL FOAM**  
[54] **MOUSSE PHARMACEUTIQUE DE PENETRATION**  
[72] FRIEDMAN, DORON, IL  
[72] EINI, MEIR, IL  
[72] TAMARKIN, DOV, IL  
[73] FOAMIX LTD., IL  
[85] 2006-02-21  
[86] 2004-08-20 (PCT/IB2004/002965)  
[87] (WO2005/018530)  
[30] US (60/497,648) 2003-08-25

---

[11] **2,536,584**  
[13] C

[51] **Int.Cl. C10G 2/00 (2006.01) C07C 1/04 (2006.01)**  
[25] EN  
[54] **PROCESS FOR SYNTHESISING HYDROCARBONS**  
[54] **PROCEDE DE SYNTHESE D'HYDROCARBURES**  
[72] LIEBENBERG, JOHANNES JACOBUS, ZA  
[72] STEYNBERG, ANDRE PETER, ZA  
[72] DE BOER, JACOB WILLEM, ZA  
[72] ERNST, WERNER SIEGFRIED, ZA  
[72] NEL, HERMAN GERHARDUS, ZA  
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA  
[85] 2006-02-22  
[86] 2004-08-20 (PCT/IB2004/051514)  
[87] (WO2005/019384)  
[30] US (60/497,364) 2003-08-22

---

[11] **2,537,211**  
[13] C

[51] **Int.Cl. B29C 45/34 (2006.01)**  
[25] EN  
[54] **BREATHER SYSTEM FOR A RECIPROCATING MOLD PLATE PATTY-FORMING APPARATUS**  
[54] **SYSTEME DE RENIFLARD POUR UN APPAREIL DE FORMAGE DE GALETTE PAR PLAQUE DE MOULE ALLANT ET VENANT**  
[72] HANCOCK, DAVID, US  
[72] HANSEN, DAVID, US  
[72] LINDEE, SCOTT A., US  
[73] FORMAX, INC., US  
[85] 2006-02-24  
[86] 2004-09-16 (PCT/US2004/030335)  
[87] (WO2005/028182)  
[30] US (60/503,354) 2003-09-16  
[30] US (60/515,585) 2003-10-29

**Canadian Patents Issued  
July 24 2012**

---

[11] **2,540,102**  
[13] C

[51] **Int.Cl. A61K 31/505 (2006.01) A61K 31/4184 (2006.01)**  
[25] EN  
[54] **A COMBINATION OF CANDESARTAN AND ROSUVASTATIN FOR THE TREATMENT OF ATHEROSCLEROSIS**  
[54] **COMBINAISON DE CANDESARTAN ET DE ROSUVASTATINE POUR LE TRAITEMENT DE L'ATHEROSCLEROSE**  
[72] MEHTA, JAY LAL, US  
[73] ASTRAZENECA UK LIMITED, GB  
[85] 2006-03-23  
[86] 2004-09-22 (PCT/GB2004/004120)  
[87] (WO2005/030215)  
[30] GB (0322552.1) 2003-09-26

---

[11] **2,541,284**  
[13] C

[51] **Int.Cl. B01D 15/08 (2006.01) B01J 20/26 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF MONOLITHIC MOULDINGS**  
[54] **PROCEDE POUR PRODUIRE DES CORPS MOULES MONOLITHIQUES**  
[72] KNOELL, PETER, DE  
[72] CABRERA, KARIN, DE  
[73] MERCK PATENT GMBH, DE  
[85] 2006-04-03  
[86] 2004-10-15 (PCT/EP2004/011627)  
[87] (WO2005/046834)  
[30] DE (103 51 798.7) 2003-11-06

---

[11] **2,541,914**  
[13] C

[51] **Int.Cl. C12N 15/82 (2006.01)**  
[25] EN  
[54] **GENE SILENCING BY USING MICRO-RNA MOLECULES**  
[54] **EXTINCTION GENIQUE AU MOYEN DE MOLECULES DE MICROARN**  
[72] AUKERMAN, MILO J., US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2006-04-06  
[86] 2004-10-12 (PCT/US2004/033462)  
[87] (WO2005/035769)  
[30] US (60/509,958) 2003-10-09

---

---

[11] **2,543,018**  
[13] C

[51] **Int.Cl. C07C 2/22 (2006.01) C08F 10/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM TO CONTACT AN IONIC LIQUID CATALYST WITH OXYGEN TO IMPROVE A CHEMICAL REACTION**  
[54] **PROCEDE ET SYSTEME POUR LE CONTACT ENTRE UN CATALYSEUR IONIQUE LIQUIDE ET DE L'OXYGENE, PERMETTANT D'AMELIORER UNE REACTION CHIMIQUE**  
[72] STERN, DONALD A., US  
[72] BENHAM, ELIZABETH A., US  
[72] HOPE, KENNETH D., US  
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2006-04-11  
[86] 2004-11-01 (PCT/US2004/036410)  
[87] (WO2005/042447)  
[30] US (60/516,516) 2003-10-31

---

[11] **2,543,468**  
[13] C

[51] **Int.Cl. A41D 13/005 (2006.01)**  
[25] EN  
[54] **AUTONOMOUS GARMENT WITH ACTIVE THERMAL CONTROL AND POWERED BY SOLAR CELLS**  
[54] **VETEMENT AUTONOME A COMMANDE THERMIQUE ACTIVE ET ALIMANTE PAR DES CELLULES SOLAIRES**  
[72] DOS SANTOS SIMOES, FERNANDO ANTONIO, PT  
[72] NUNES RAMOS DE CARVALHO, BRUNO MANUEL, PT  
[72] PATRICIO DIAS, RICARDO PAULO, PT  
[73] ACTIVE SPACE TECHNOLOGIES, ACTIVIDADES AEROESPACIAIS, LDA, PT  
[85] 2006-04-13  
[86] 2004-10-13 (PCT/PT2004/000024)  
[87] (WO2005/034662)  
[30] PT (PT 103030) 2003-10-17

---

---

[11] **2,543,813**  
[13] C

[51] **Int.Cl. B01F 13/10 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR DISPENSING A PLURALITY OF FLUIDS AND CONTAINER FOR USE IN THE SAME**  
[54] **APPAREIL DE DISTRIBUTION D'UNE PLURALITE DE FLUIDES ET CONTENANT DESTINE A ETRE UTILISE DANS LEDIT APPAREIL**  
[72] PAPAICONOMOU, CONSTANTIJN THOMAS, NL  
[72] PEETERS, BASTIAAN ALBERT SIMON, NL  
[72] ENGELS, MARCEL HENDRIKUS PETRUS, NL  
[73] FLUID MANAGEMENT, INC., US  
[85] 2006-04-26  
[86] 2004-10-26 (PCT/EP2004/052664)  
[87] (WO2005/039747)  
[30] US (10/694,485) 2003-10-27

---

[11] **2,543,854**  
[13] C

[51] **Int.Cl. C07C 29/149 (2006.01) B01J 31/24 (2006.01) C07C 29/17 (2006.01) C07C 31/20 (2006.01) C07D 307/08 (2006.01) C07D 315/00 (2006.01)**  
[25] EN  
[54] **HOMOGENEOUS PROCESS FOR THE HYDROGENATION OF DICARBOXYLIC ACIDS AND/OR ANHYDRIDES THEREOF**  
[54] **PROCEDE HOMOGENE D'HYDROGENATION D'ACIDES DICARBOXYLIQUES ET/OU D'ANHYDRIDES DE CEUX-CI**  
[72] WOOD, MICHAEL ANTHONY, GB  
[72] CRABTREE, SIMON PETER, GB  
[72] TYERS, DEREK VINCENT, GB  
[73] DAVY PROCESS TECHNOLOGY LIMITED, GB  
[85] 2006-04-27  
[86] 2004-10-15 (PCT/GB2004/004397)  
[87] (WO2005/051875)  
[30] GB (0325526.2) 2003-10-31

---

**Brevets canadiens délivrés  
24 July 2012**

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[11] **2,544,002**  
[13] C

[51] **Int.Cl. B65G 51/00 (2006.01)**  
[25] EN  
[54] **MULTILAYER HYDRODYNAMIC SHEATH FLOW STRUCTURE**  
[54] **STRUCTURE DE FLUX DE GAINÉ HYDRODYNAMIQUE MULTICOUCHE**  
[72] DESHPANDE, MANISH, US  
[72] BUNNER, BERNARD, US  
[72] GILBERT, JOHN R., US  
[73] CYTONOME/ST, LLC, US  
[85] 2006-04-27  
[86] 2004-11-01 (PCT/US2004/036548)  
[87] (WO2005/042137)  
[30] US (60/516,033) 2003-10-30

---

[11] **2,544,202**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **MULTIPLEXED NUCLEIC ACID ANALYSIS BY FRAGMENTATION OF DOUBLE-STRANDED DNA**  
[54] **ANALYSE MULTIPLEXÉE D'ACIDE NUCLEIQUE PAR FRAGMENTATION D'ADN BICATENAIRE**  
[72] YANG, JIACHENG, US  
[73] BIOARRAY SOLUTIONS, LTD., US  
[85] 2006-04-28  
[86] 2004-10-26 (PCT/US2004/035428)  
[87] (WO2005/045060)  
[30] US (60/515,413) 2003-10-29

---

[11] **2,545,873**  
[13] C

[51] **Int.Cl. G10L 13/08 (2006.01)**  
[25] EN  
[54] **TEXT-TO-SPEECH METHOD AND SYSTEM, COMPUTER PROGRAM PRODUCT THEREFOR**  
[54] **PROCEDE ET SYSTEME DE CONVERSION TEXTE-VOIX ET PRODUIT-PROGRAMME INFORMATIQUE ASSOCIE**  
[72] QUAZZA, SILVIA, IT  
[72] BADINO, LEONARDO, IT  
[72] BAROLO, CLAUDIA, IT  
[73] LOQUENDO S.P.A., IT  
[85] 2006-05-12  
[86] 2003-12-16 (PCT/EP2003/014314)  
[87] (WO2005/059895)

---

[11] **2,547,625**  
[13] C

[51] **Int.Cl. C07D 239/96 (2006.01) A61K 31/7072 (2006.01) A61P 1/04 (2006.01) A61P 43/00 (2006.01)**  
[25] EN  
[54] **CRYSTALS OF PHENYLALANINE DERIVATIVES AND PRODUCTION METHODS THEREOF**  
[54] **CRISTAL DE DERIVE DE PHENYLALANINE ET SON PROCEDE DE PRODUCTION**  
[72] MATSUZAWA, TOSHIHIRO, JP  
[72] TATARA, AKINORI, JP  
[72] KATAOKA, NORIYASU, JP  
[72] TAKAHASHI, SHINICHIRO, JP  
[73] AJINOMOTO CO., INC., JP  
[85] 2006-05-29  
[86] 2004-11-29 (PCT/JP2004/017708)  
[87] (WO2005/051925)  
[30] JP (2003-397347) 2003-11-27

---

[11] **2,548,563**  
[13] C

[51] **Int.Cl. F16L 53/00 (2006.01) E21B 43/24 (2006.01) F17D 1/18 (2006.01) H05B 3/03 (2006.01) H05B 3/54 (2006.01)**  
[25] EN  
[54] **OIL OR SIMILAR FLUID LIFT PIPING HEATING EQUIPMENT**  
[54] **EQUIPEMENT DE CHAUFFAGE A TUYAUX DE REFOULEMENT D'HUILE OU D'UN FLUIDE SEMBLABLE**  
[72] TOCINO, JORGE RAUEL, AR  
[73] GLOBAL TECHNOLOGIES S.A., AR  
[22] 2006-05-26  
[30] VE (2005-001057) 2005-05-30

---

[11] **2,548,688**  
[13] C

[51] **Int.Cl. H05H 1/02 (2006.01) H05H 1/30 (2006.01)**  
[25] EN  
[54] **INDUCTIVELY COUPLED PLASMA ALIGNMENT APPARATUS AND METHOD**  
[54] **METHODE ET APPAREIL D'ALIGNEMENT DE PLASMA INDUCTIF**  
[72] MARRIOTT, PHILIP, GB  
[72] WHITECHURCH, TIMOTHY A., GB  
[72] BRADFORD, JONATHAN H., GB  
[72] STRINGER, JIM, GB  
[73] THERMO FISCHER SCIENTIFIC INC., US  
[22] 2006-05-26  
[30] GB (0516451.2) 2005-08-10

---

[11] **2,548,694**  
[13] C

[51] **Int.Cl. F16J 15/54 (2006.01) E21B 47/18 (2012.01) F16C 3/02 (2006.01) F16K 25/04 (2006.01) F16K 41/00 (2006.01)**  
[25] EN  
[54] **FLUID EROSION PROTECTION WASHER FOR ROTATING SHAFT IN MWD TOOL**  
[54] **RONDELLE DE PROTECTION CONTRE L'EROSION PAR FLUIDE POUR ARBRE TOURNANT D'UN OUTIL DE MESURE EN COURS DE FORAGE**  
[72] NEFF, TIMOTHY, CA  
[72] SIEMENS, WENDALL, CA  
[72] LOGAN, DEREK W., CA  
[72] DOFP, ANTHONY R., CA  
[72] SWITZER, DAVE, CA  
[72] LE, TRANG, CA  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2006-05-30  
[30] US (60/712,440) 2005-08-31

---

[11] **2,549,264**  
[13] C

[51] **Int.Cl. F16N 3/12 (2006.01)**  
[25] EN  
[54] **TWO STAGE GREASE GUN**  
[54] **PISTOLET GRAISSEUR BI-PRESSION**  
[72] WEEMS, R. MARK, US  
[72] LINKLETTER, DON R., US  
[73] WEEMS INDUSTRIES, INC., D/B/A/ LEGACY MANUFACTURING COMPANY, US  
[22] 2006-06-01

---

[11] **2,549,562**  
[13] C

[51] **Int.Cl. F27D 19/00 (2006.01) F27D 25/00 (2010.01) B21B 28/04 (2006.01) B65G 13/02 (2006.01) B65G 43/08 (2006.01) C03B 35/16 (2006.01) F27B 9/24 (2006.01) F27B 9/30 (2006.01) F27B 9/40 (2006.01)**  
[25] EN  
[54] **ROLLER CLEANING SYSTEM**  
[54] **SYSTEME DE NETTOYAGE DE ROULEAUX**  
[72] FILIPPI, ENRICO, IT  
[72] PASTORINI, GABRIELE, IT  
[73] TECHINT COMPAGNIA TECNICA INTERNAZIONALE S.P.A., IT  
[85] 2006-06-12  
[86] 2004-12-14 (PCT/EP2004/014308)  
[87] (WO2005/059463)  
[30] IT (MI2003A002504) 2003-12-18

Canadian Patents Issued  
July 24 2012

---

[11] **2,549,981**  
[13] C  
[51] **Int.Cl. B44F 5/00 (2006.01) B05D 5/06 (2006.01) B44C 1/00 (2006.01) C23C 14/58 (2006.01) C23C 16/56 (2006.01)**  
[25] EN  
[54] **ARTICLE HAVING PATTERNED DECORATIVE COATING**  
[54] **ARTICLE A REVETEMENT DECORATIF A MOTIFS**  
[72] SULLIVAN, PATRICK, US  
[72] ANTON, BRYCE, US  
[72] WELTY, RICHARD P., US  
[73] VAPOR TECHNOLOGIES, INC., US  
[22] 2006-06-13  
[30] US (11/194,222) 2005-08-01

---

[11] **2,550,890**  
[13] C  
[51] **Int.Cl. F02C 7/06 (2006.01) F02C 3/04 (2006.01) F02C 7/36 (2006.01)**  
[25] EN  
[54] **GAS TURBINE ENGINE WITH A SINGLE OIL CAVITY**  
[54] **TURBINE A GAZ A UNE SEULE CAVITE POUR L'HUILE**  
[72] MACFARLANE, IAN A., CA  
[72] MITROVIC, LAZAR, CA  
[72] SZLANTA, ZENON, CA  
[72] MORGAN, KEITH, CA  
[73] PRATT & WHITNEY CANADA CORP., CA  
[85] 2006-06-21  
[86] 2004-12-21 (PCT/CA2004/002171)  
[87] (WO2005/061873)  
[30] US (10/740,483) 2003-12-22

---

[11] **2,551,653**  
[13] C  
[51] **Int.Cl. B22D 11/124 (2006.01)**  
[25] EN  
[54] **DIRECT CHILLED METAL CASTING SYSTEM**  
[54] **SYSTEME DE COULEE METALLIQUE A REFROIDISSEMENT DIRECT**  
[72] SHABER, CRAIG L., US  
[73] WAGSTAFF, INC., US  
[85] 2006-06-23  
[86] 2005-02-09 (PCT/US2005/004496)  
[87] (WO2005/092540)  
[30] US (10/789,391) 2004-02-28

---

[11] **2,553,072**  
[13] C  
[51] **Int.Cl. B42D 15/00 (2006.01)**  
[25] EN  
[54] **SECURITY DEVICE**  
[54] **DISPOSITIF DE SECURITE**  
[72] BARTHAM, ANITA MARIE, GB  
[72] DAVIS, SHARON CHRISTINE, GB  
[73] DE LA RUE INTERNATIONAL LIMITED, GB  
[85] 2006-07-10  
[86] 2005-02-18 (PCT/GB2005/000580)  
[87] (WO2005/080089)  
[30] GB (0403845.1) 2004-02-20

---

[11] **2,553,234**  
[13] C  
[51] **Int.Cl. C07K 1/34 (2006.01) B01D 61/00 (2006.01) C07K 14/435 (2006.01)**  
[25] EN  
[54] **FRACTIONATOR AND METHOD OF FRACTIONATION**  
[54] **PROCEDE ET DISPOSITIF DE FRACTIONNEMENT**  
[72] SUGAYA, HIROYUKI, JP  
[72] KUROKI, NOBUYUKI, JP  
[72] KURODA, TOSHIHIKO, JP  
[72] JUNG, GIMAN, JP  
[72] TANAHASHI, KAZUHIRO, JP  
[72] WADA, SHIGEHISA, JP  
[72] YAMADA, SATOKO, JP  
[72] KUMO, ICHIRO, JP  
[72] SEKIGUCHI, SHUJI, JP  
[73] TORAY INDUSTRIES, INC., JP  
[85] 2006-07-11  
[86] 2005-01-20 (PCT/JP2005/000638)  
[87] (WO2005/070954)  
[30] JP (2004-013253) 2004-01-21  
[30] JP (2004-023080) 2004-01-30

---

[11] **2,553,267**  
[13] C  
[51] **Int.Cl. A23L 1/31 (2006.01)**  
[25] EN  
[54] **LOW FLAVOR ANTI-MICROBIALS DERIVED FROM SMOKE FLAVORS**  
[54] **ANTIMICROBIENS A FAIBLE AROME DERIVES D'AROMES DE FUME**  
[72] MOELLER, PATRICK W., US  
[72] RAMAKRISHNAN, SREEKUMAR, US  
[73] MASTERTASTE, US  
[85] 2006-07-12  
[86] 2005-01-12 (PCT/US2005/000956)  
[87] (WO2005/070181)  
[30] US (60/536,160) 2004-01-13

---

[11] **2,553,623**  
[13] C  
[51] **Int.Cl. A61F 2/08 (2006.01)**  
[25] FR  
[54] **PROCEDE POUR LA FIXATION DE FILS DE TRACTION AUX EXTREMITES D'UN LIGAMENT PROTHETIQUE**  
[54] **METHOD FOR FIXING TRACTION THREADS TO ENDS OF A PROSTHETIC LIGAMENT**  
[72] BRULEZ, BERNARD, FR  
[72] LABOUREAU, JACQUES-PHILIPPE, FR  
[73] LARS - LABORATOIRE D'APPLICATION ET DE RECHERCHE SCIENTIFIQUE, FR  
[85] 2006-07-18  
[86] 2005-01-21 (PCT/FR2005/000142)  
[87] (WO2005/079707)  
[30] FR (0400630) 2004-01-23

---

[11] **2,554,513**  
[13] C  
[51] **Int.Cl. A61L 9/02 (2006.01) A01N 65/36 (2009.01) A01N 25/18 (2006.01) A01N 27/00 (2006.01) A01P 7/00 (2006.01)**  
[25] EN  
[54] **HOTPLATE EMANATION**  
[54] **DIFFUSION D'AROMES PAR PLAQUE CHAUFFANTE**  
[72] MCKECHNIE, MALCOLM TOM, GB  
[72] HUGHES, JOHN, GB  
[72] HIGGINS, SABRINA, GB  
[73] UNIVERSITY OF SOUTHAMPTON, GB  
[73] RECKITT BENCKISER (UK) LIMITED, GB  
[85] 2006-07-24  
[86] 2005-02-14 (PCT/GB2005/000491)  
[87] (WO2005/079583)  
[30] GB (0403231.4) 2004-02-13

**Brevets canadiens délivrés  
24 July 2012**

[11] **2,555,241**  
[13] C

[51] **Int.Cl. F16L 1/024 (2006.01) F16L 1/12 (2006.01) F16L 3/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR TRIGGERING AND CONTROLLING THE LATERAL BUCKLING IN UNDERWATER PIPELINES**  
[54] **PROCEDE PERMETTANT DE DECLENCHER ET DE REGLER LE DEVERSEMENT DANS DES PIPELINES SOUS-MARINS**  
[72] BRANDUARDI, LUCA, IT  
[72] CASOLA, FLORIANO, IT  
[72] MONTI, PAOLO, IT  
[73] SAIPEM ENERGY INTERNATIONAL S.P.A., IT  
[85] 2006-08-03  
[86] 2005-02-04 (PCT/EP2005/001222)  
[87] (WO2005/080845)  
[30] IT (MI2004A000300) 2004-02-23

[11] **2,555,615**  
[13] C

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 40/00 (2006.01)**  
[25] EN  
[54] **USE OF NEW FAST-SETTING MORTARS FOR PREPARING PRODUCTS BY MEANS OF POURING IN FOUNDRY EARTH MOULDS**  
[54] **UTILISATION DE NOUVEAUX MORTIERS A SECHAGE RAPIDE POUR LA PREPARATION DE PRODUITS PAR COULAGE DANS DES MOULES DE FONDERIE EN TERRE**  
[72] CUCITORE, ROBERTO, IT  
[72] COSTA, UMBERTO, IT  
[73] ITALCEMENTI S.P.A., IT  
[85] 2006-08-09  
[86] 2005-02-08 (PCT/IB2005/000306)  
[87] (WO2005/080288)  
[30] IT (MI2004A000228) 2004-02-12

[11] **2,555,693**  
[13] C

[51] **Int.Cl. C04B 40/00 (2006.01) C04B 40/06 (2006.01)**  
[25] EN  
[54] **HIGH-RESISTANCE POURABLE MORTARS WITH HIGH FLUIDITY**  
[54] **MORTIERS COULABLES A HAUTE RESISTANCE PRESENTANT UNE FLUIDITE ELEVEE**  
[72] COSTA, UMBERTO, IT  
[72] CUCITORE, ROBERTO, IT  
[73] ITALCEMENTI S.P.A., IT  
[85] 2006-08-09  
[86] 2005-02-09 (PCT/IB2005/000319)  
[87] (WO2005/080289)  
[30] IT (MI2004A000226) 2004-02-12

[11] **2,556,786**  
[13] C

[51] **Int.Cl. C23C 4/12 (2006.01) C23C 4/18 (2006.01) C23C 14/34 (2006.01)**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR THE MANUFACTURE OF SPUTTERING TARGETS**  
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UNE CIBLE DE PULVERISATION**  
[72] JUREWICZ, JERZY W., CA  
[72] BOULOS, MAHER, CA  
[73] TEKNA PLASMA SYSTEMS INC., CA  
[85] 2006-08-17  
[86] 2004-02-23 (PCT/CA2004/000251)  
[87] (WO2004/074540)  
[30] US (60/448,867) 2003-02-24

[11] **2,557,973**  
[13] C

[51] **Int.Cl. C01B 31/28 (2006.01)**  
[25] EN  
[54] **PREPARATION OF CARBONYL FLUORIDE**  
[54] **PREPARATION DE FLUORURE DE CARBONYLE**  
[72] EICHER, JOHANNES, DE  
[72] BRAUN, MAX, DE  
[73] SOLVAY FLUOR UND DERIVATE GMBH, DE  
[85] 2006-08-30  
[86] 2005-02-09 (PCT/EP2005/001281)  
[87] (WO2005/085129)  
[30] EP (04005421.5) 2004-03-08

[11] **2,558,103**  
[13] C

[51] **Int.Cl. F16L 9/12 (2006.01)**  
[25] EN  
[54] **A PEROXIDE CROSSLINKED ETHYLENE POLYMER PRESSURE PIPE AND A METHOD FOR THE PREPARATION THEREOF**  
[54] **TUBE PRESSION EN POLYMERE D'ETHYLENE RETICULE AU PEROXYDE ET PROCEDE DE PREPARATION DE CELUI-CI**  
[72] ODERKERK, JEROEN, SE  
[72] PALMLOF, MAGNUS, SE  
[72] PAKKANEN, ANNELI, SE  
[72] HOJER, LARS, SE  
[72] GUSTAFSSON, BILL, SE  
[72] WALTER, PHILIPP, DE  
[72] DRENG, TORE, NO  
[73] BOREALIS TECHNOLOGY OY, FI  
[85] 2006-08-31  
[86] 2005-03-08 (PCT/EP2005/002591)  
[87] (WO2005/095838)  
[30] EP (04445027.8) 2004-03-12

[11] **2,559,578**  
[13] C

[51] **Int.Cl. G11B 7/00 (2006.01)**  
[25] EN  
[54] **RECORDING MEDIUM WITH STATUS INFORMATION THEREON WHICH CHANGES UPON REFORMATTING AND APPARATUS AND METHODS FOR FORMING, RECORDING, AND REPRODUCING THE RECORDING MEDIUM**  
[54] **SUPPORT D'ENREGISTREMENT PORTANT DES INFORMATIONS D'ETAT QUI CHANGENT AU REFORMATAGE ET PROCEDE/ DISPOSITIF DE FORMATION, D'ENREGISTREMENT ET DE REPRODUCTION DUDIT SUPPORT D'ENREGISTREMENT**  
[72] PARK, YONG CHEOL, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2006-09-13  
[86] 2005-03-03 (PCT/KR2005/000595)  
[87] (WO2005/089073)  
[30] US (60/554,356) 2004-03-19  
[30] US (60/577,181) 2004-06-07  
[30] KR (10-2004-0051610) 2004-07-02  
[30] KR (10-2004-0053617) 2004-07-09

**Canadian Patents Issued  
July 24 2012**

---

[11] **2,563,969**  
[13] C

[51] **Int.Cl. F28F 13/06 (2006.01) E03C 1/12 (2006.01)**  
[25] EN  
[54] **FLOW ENHANCER**  
[54] **AMELIORATEUR DE DEBIT**  
[72] MACKELVIE, WINSTON R., CA  
[73] MACKELVIE, WINSTON R., CA  
[22] 2006-09-22

---

[11] **2,564,171**  
[13] C

[51] **Int.Cl. G06K 9/00 (2006.01) G06F 7/04 (2006.01) G06K 19/00 (2006.01) G06K 19/02 (2006.01) G06K 19/06 (2006.01) G08B 29/00 (2006.01)**  
[25] EN  
[54] **ATM SECURITY SYSTEM**  
[54] **SYSTEME SECURISE D'ATM**  
[72] FLOOK, RONALD ARTHUR, CA  
[72] PARKITNY, MARCIN, CA  
[72] RAKOFF, STEVEN BARNETT, CA  
[73] UTC FIRE & SECURITY CORP., US  
[85] 2006-10-24  
[86] 2005-04-29 (PCT/US2005/014994)  
[87] (WO2005/109315)  
[30] US (60/566,884) 2004-04-30

---

[11] **2,564,887**  
[13] C

[51] **Int.Cl. A61K 31/58 (2006.01) A61P 9/10 (2006.01)**  
[25] EN  
[54] **THE USE OF TIMOSAPONIN BII FOR PREPARING A DRUG FOR PREVENTING OR TREATING STROKE**  
[54] **UTILISATION DE TIMOSAPONINE BII POUR LA PREPARATION D'UN MEDICAMENT VISAT A PREVENIR OU A TRAITER LES ACCIDENTS VASCULAIRES CEREBRAUX**  
[72] MA, BAIPING, CN  
[72] XU, QIUPING, CN  
[72] ZHAO, YANG, CN  
[72] XIONG, CHENGQI, CN  
[72] TAN, DAWEI, CN  
[73] INSTITUTE OF RADIATION MEDICINE, ACADEMY OF MILITARY MEDICAL SCIENCES, P, CN  
[85] 2006-10-27  
[86] 2005-04-21 (PCT/CN2005/000553)  
[87] (WO2005/105108)  
[30] CN (200410037347.X) 2004-04-29  
[30] CN (200510059466.X) 2005-03-25

---

[11] **2,565,371**  
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01)**  
[25] EN  
[54] **SYNCHRONIZING CERTIFICATES BETWEEN A DEVICE AND SERVER**  
[54] **SYNCHRONISATION DES CERTIFICATS ENTRE UN PERIPHERIQUE ET UN SERVEUR**  
[72] BROWN, MICHAEL K., CA  
[72] LITTLE, HERBERT A., CA  
[72] ADAMS, NEIL PATRICK, CA  
[72] BROWN, MICHAEL S., CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[22] 2006-10-24  
[30] EP (05256655.1) 2005-10-27

---

[11] **2,565,823**  
[13] C

[51] **Int.Cl. B32B 17/10 (2006.01) E04F 13/08 (2006.01) E04F 13/14 (2006.01) E06B 3/54 (2006.01) E06B 3/58 (2006.01)**  
[25] EN  
[54] **COMPOSITE PANE AND HOLDING STRUCTURE HAVING AT LEAST ONE SUCH COMPOSITE PANE**  
[54] **CARREAU DE VERRE COMPOSITE ET STRUCTURE DE RETENUE MUNIE D'AU MOINS UN TEL CARREAU DE VERRE COMPOSITE**  
[72] SCHAUMBERGER, FRANZ, AT  
[72] HEGGER, FRANZ, DE  
[72] HEIMHUBER, MARKUS, DE  
[73] SAINT-GOBAIN GLASS FRANCE, FR  
[73] JOSEF GARTNER GMBH, DE  
[85] 2006-11-06  
[86] 2005-05-04 (PCT/EP2005/052050)  
[87] (WO2005/108060)  
[30] DE (10 2004 023 638.0) 2004-05-10  
[30] DE (20 2004 011 577.8) 2004-07-23

---

[11] **2,566,659**  
[13] C

[51] **Int.Cl. H04N 21/2743 (2011.01) H04N 21/478 (2011.01) H04N 21/482 (2011.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING, CONVERTING AND DISPLAYING VIDEO CONTENT ON A VIDEO-ON-DEMAND PLATFORM**  
[54] **SYSTEME ET PROCEDE POUR LA GESTION, LA CONVERSION ET L'AFFICHAGE DE CONTENU VIDEO SUR UNE PLATE-FORME DE VIDEO A LA DEMANDE**  
[72] DIAZ PEREZ, MILTON, US  
[73] BROADBAND ITV, INC., US  
[85] 2006-11-14  
[86] 2005-07-28 (PCT/US2005/027376)  
[87] (WO2006/015355)  
[30] US (10/909,192) 2004-07-30

---

[11] **2,566,687**  
[13] C

[51] **Int.Cl. A61K 31/7048 (2006.01) A61K 9/48 (2006.01) A61P 31/04 (2006.01) C07H 17/08 (2006.01)**  
[25] EN  
[54] **THE USE OF TIACUMICIN B IN THE TREATMENT OF ANTIBIOTIC RESISTANT STAPHYLOCOCCUS OR VANCOMYCIN-RESISTANT ENTEROCOCCI INFECTIONS**  
[54] **UTILISATION DE TIACUMICINE B DANS LE TRAITEMENT D'INFECTIONS A STAPHYLOCOQUE RESISTANT AUX ANTIBIOTIQUES OU A ENTEROCOQUE RESISTANT A LA VANCOMYCINE**  
[72] OKUMU, FRANKLIN W., US  
[72] BABAKHANI, FARAH KONDORI, US  
[72] SEARS, PAMELA SUZANNE, US  
[72] SHUE, YOU-E-KONG, US  
[72] WALSH, ROBERT BRIAN, US  
[72] MILLER-SHANGLE, STARR LOUISE, US  
[73] OPTIMER PHARMACEUTICALS, INC., US  
[85] 2006-11-14  
[86] 2005-05-13 (PCT/US2005/016750)  
[87] (WO2005/112990)  
[30] US (60/570,697) 2004-05-14

**Brevets canadiens délivrés  
24 July 2012**

---

[11] **2,566,697**  
[13] C

[51] **Int.Cl. F16L 17/00 (2006.01) F16L 21/06 (2006.01) F16L 23/08 (2006.01) F16L 25/14 (2006.01)**  
[25] EN  
[54] **MECHANICAL PIPE COUPLING HAVING SPACERS**  
[54] **RACCORD DE TUBE MECANIQUE DOTE D'ENTRETOISES**  
[72] DOLE, DOUGLAS R., US  
[72] GIBB, JOHN, CA  
[73] VICTAULIC COMPANY, US  
[85] 2006-11-14  
[86] 2005-05-10 (PCT/US2005/016237)  
[87] (WO2005/114024)  
[30] US (60/571,596) 2004-05-14

---

[11] **2,566,731**  
[13] C

[51] **Int.Cl. A61K 38/47 (2006.01)**  
[25] EN  
[54] **METHODS OF PURIFYING CHONDROITINASE AND STABLE FORMULATIONS THEREOF**  
[54] **PROCEDES DE PURIFICATION DE LA CHONDROITINASE ET FORMULATIONS STABLES DE CETTE DERNIERE**  
[72] GRUSKIN, ELLIOTT A., US  
[72] CAGGIANO, ANTHONY O., US  
[72] SHEPTOVITSKY, YELENA G., US  
[72] KASPERBAUER, SARAH, US  
[73] ACORDA THERAPEUTICS, INC., US  
[85] 2006-11-14  
[86] 2005-05-18 (PCT/US2005/017464)  
[87] (WO2005/112986)  
[30] US (60/572,030) 2004-05-18  
[30] US (60/621,882) 2004-10-25

---

[11] **2,567,148**  
[13] C

[51] **Int.Cl. G01N 31/22 (2006.01)**  
[25] EN  
[54] **REUSABLE PH SENSOR DEVICE AND RELATED METHODS**  
[54] **DISPOSITIF DE DETECTION DE PH REUTILISABLE ET PROCEDES ASSOCIES**  
[72] KOPELMAN, RONI ARON, US  
[73] PET CARE PRODUCTS, INC., US  
[85] 2006-11-17  
[86] 2005-05-13 (PCT/US2005/016795)  
[87] (WO2005/116631)  
[30] US (60/571,905) 2004-05-18  
[30] US (60/610,886) 2004-09-17  
[30] US (11/127,849) 2005-05-12

---

[11] **2,568,574**  
[13] C

[51] **Int.Cl. B09C 1/10 (2006.01) C12P 5/02 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **PROCESS FOR STIMULATING PRODUCTION OF METHANE FROM PETROLEUM IN SUBTERRANEAN FORMATIONS**  
[54] **PROCEDE POUR STIMULER LA PRODUCTION MICROBIENNE DE METHANE A PARTIR DE PETROLE DANS DES FORMATIONS SOUTERRAINES**  
[72] JONES, DAVID MARTIN, GB  
[72] ERDMANN, MICHAEL, NO  
[72] HEAD, IAN MCCUTCHEON, GB  
[72] WILHELMS, ARND, NO  
[72] LARTER, STEPHEN RICHARD, CA  
[73] UNIVERSITY OF NEWCASTLE UPON TYNE, GB  
[85] 2006-11-28  
[86] 2005-05-27 (PCT/GB2005/002121)  
[87] (WO2005/115649)  
[30] GB (0412060.6) 2004-05-28

---

[11] **2,568,612**  
[13] C

[51] **Int.Cl. A47F 3/06 (2006.01) A47F 5/08 (2006.01) A47F 5/10 (2006.01)**  
[25] EN  
[54] **DISPLAY ASSEMBLY WITH ADJUSTABLE SHELVES**  
[54] **ENSEMBLE PRESENTOIR COMPORTANT DES RAYONS REGLABLES**  
[72] GAVIN, GREGORY D., US  
[72] NOOK, THOMAS J., US  
[72] ZANG, DATHAN G., US  
[73] HARBOR INDUSTRIES, INC., US  
[22] 2006-11-21  
[30] US (60/850,916) 2006-10-11  
[30] US (11/602,791) 2006-11-21

---

[11] **2,569,410**  
[13] C

[51] **Int.Cl. A61C 19/00 (2006.01)**  
[25] EN  
[54] **DENTAL CHAIR-SIDE ORGANIZER**  
[54] **DESSERTTE-PRESENTOIR POUR FAUTEUIL DENTAIRE**  
[72] GRUETZNER, ANDREAS E., DE  
[72] KOPP, MARKUS, DE  
[72] MUELLER, SABINE, CH  
[73] DENTSPLY DE TREY GMBH, DE  
[85] 2006-12-01  
[86] 2005-06-03 (PCT/EP2005/006007)  
[87] (WO2005/117743)  
[30] EP (04 013 190.6) 2004-06-03

---

[11] **2,569,954**  
[13] C

[51] **Int.Cl. B09C 1/10 (2006.01) C01B 3/24 (2006.01) C12P 3/00 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **PROCESS FOR STIMULATING PRODUCTION OF HYDROGEN FROM PETROLEUM IN SUBTERRANEAN FORMATIONS**  
[54] **PROCEDE PERMETTANT DE STIMULER LA PRODUCTION D'HYDROGENE A PARTIR DU PETROLE DANS DES FORMATIONS SOUTERRAINES**  
[72] LARTER, STEPHEN RICHARD, CA  
[72] HEAD, IAN MCCUTCHEON, GB  
[72] WILHELMS, ARND, NO  
[72] ERDMANN, MICHAEL, NO  
[72] JONES, DAVID MARTIN, GB  
[73] UNIVERSITY OF NEWCASTLE UPON TYNE, GB  
[85] 2006-12-08  
[86] 2005-05-27 (PCT/GB2005/002109)  
[87] (WO2005/115648)  
[30] GB (0412059.8) 2004-05-28

---

[11] **2,569,972**  
[13] C

[51] **Int.Cl. A47J 37/04 (2006.01) A47J 39/00 (2006.01)**  
[25] EN  
[54] **AIR FLOW COOKING DEVICE**  
[54] **APPAREIL DE CUISSON A FLUX D'AIR**  
[72] BIZARD, JEAN-CLAUDE, FR  
[72] PAYEN, JEAN-MARC, FR  
[73] SEB S.A., FR  
[85] 2006-12-08  
[86] 2005-06-08 (PCT/FR2005/001416)  
[87] (WO2006/000700)  
[30] FR (0406214) 2004-06-08  
[30] FR (0406220) 2004-06-08

**Canadian Patents Issued  
July 24 2012**

---

[11] **2,570,977**  
[13] C

[51] **Int.Cl. C25D 17/08 (2006.01) C23C 16/458 (2006.01) C25D 5/48 (2006.01)**  
[25] EN  
[54] **COMMON RACK FOR ELECTROPLATING AND PVD COATING OPERATIONS**  
[54] **RATELIER COMMUN POUR OPERATIONS DE REVETEMENT PAR ELECTROPLACAGE ET PAR DEPOT EN PHASE VAPEUR (PVD)**  
[72] BRONDUM, KLAUS, US  
[73] VAPOR TECHNOLOGIES, INC., US  
[85] 2006-12-07  
[86] 2005-06-14 (PCT/US2005/020939)  
[87] (WO2006/009686)  
[30] US (10/869,965) 2004-06-17

---

[11] **2,576,260**  
[13] C

[51] **Int.Cl. B32B 37/20 (2006.01)**  
[25] EN  
[54] **A SYSTEM AND A METHOD FOR A MULTIPLE TRACK PROFILE WRAPPING MACHINE**  
[54] **SYSTEME ET PROCEDE POUR MACHINE D'EMBALLAGE DE PROFILS MULTI-PISTES**  
[72] HARARI, MORDECHAI, IL  
[72] HALFON, AMOS, IL  
[73] HARDOOR MECHANISM PRODUCCION LTD., IL  
[85] 2007-02-07  
[86] 2005-08-14 (PCT/IL2005/000877)  
[87] (WO2006/016373)  
[30] US (60/601,115) 2004-08-13

---

[11] **2,579,439**  
[13] C

[51] **Int.Cl. G02B 27/10 (2006.01) G02B 3/02 (2006.01) G02B 17/00 (2006.01) G02B 27/30 (2006.01) G02F 1/1335 (2006.01)**  
[25] EN  
[54] **LIGHT COLLIMATING DEVICE**  
[54] **DISPOSITIF DE COLLIMATION DE LA LUMIERE**  
[72] WOJCIECHOWSKI, TIMOTHY J., US  
[72] LASH, THOMAS E., US  
[72] LUBART, NEIL D., US  
[73] BRILLIANT FILM, LLC, US  
[85] 2007-02-01  
[86] 2005-08-09 (PCT/US2005/028217)  
[87] (WO2006/020610)  
[30] US (60/600,272) 2004-08-10  
[30] US (11/194,360) 2005-08-01

---

[11] **2,573,489**  
[13] C

[51] **Int.Cl. E21B 33/03 (2006.01) E21B 43/12 (2006.01) F04B 47/04 (2006.01)**  
[25] EN  
[54] **WELLHEAD ASSEMBLY FOR HYDRAULIC PUMPING SYSTEM**  
[54] **ENSEMBLE DE TETE DE Puits POUR SYSTEME DE POMPAGE HYDRAULIQUE**  
[72] FARQUHARSON, DAVID KEITH, CA  
[72] LACUSTA, GREGG JOHN, CA  
[72] ALLEN, GREGORY WAYNE, CA  
[72] VUONG, CUONG CHI, CA  
[73] STREAM-FLO INDUSTRIES LTD., CA  
[22] 2007-01-09  
[30] US (60/757,833) 2006-01-09  
[30] US (60/804,521) 2006-06-12

---

[11] **2,576,498**  
[13] C

[51] **Int.Cl. A61M 1/02 (2006.01) A61M 1/00 (2006.01)**  
[25] FR  
[54] **PROCEDE D'AUTOTRANSFUSION ET DISPOSITIF D'AUTOTRANSFUSION A SEPARATION DE PHASES ET CONCENTRATION A Poches AMOVIBLES**  
[54] **AUTOTRANSFUSION METHOD AND AUTOTRANSFUSION DEVICE WITH PHASE SEPARATION AND CONCENTRATION, COMPRISING REMOVABLE BAGS**  
[72] GADRAT, FRANCIS, FR  
[72] CHASTENET, BERTRAND, FR  
[72] PEROVITCH, PHILIPPE, FR  
[73] DIRECTION ET PRIORITES, FR  
[85] 2007-02-08  
[86] 2005-08-04 (PCT/FR2005/050648)  
[87] (WO2006/021728)  
[30] FR (0451870) 2004-08-19

---

[11] **2,581,410**  
[13] C

[51] **Int.Cl. A61C 13/107 (2006.01)**  
[25] EN  
[54] **TEMPORARY DENTAL PROSTHESIS**  
[54] **PROTHESE DENTAIRE PROVISOIRE**  
[72] LAST-POLLAK, MORDEHAI, IL  
[73] L P M DENTAL DEVELOPMENT LTD., IL  
[85] 2007-03-23  
[86] 2005-09-15 (PCT/IL2005/000987)  
[87] (WO2006/033098)  
[30] US (60/612,250) 2004-09-23

---

[11] **2,574,298**  
[13] C

[51] **Int.Cl. A61M 5/32 (2006.01)**  
[25] EN  
[54] **SYRINGE**  
[54] **SERINGUE**  
[72] SCHWARZBICH, JORG, DE  
[73] SCHWARZBICH, JORG, DE  
[85] 2007-01-18  
[86] 2005-05-14 (PCT/EP2005/005303)  
[87] (WO2006/010393)  
[30] DE (20 2004 011 516.6) 2004-07-22

---

[11] **2,587,060**  
[13] C

[51] **Int.Cl. F23R 3/12 (2006.01) F23R 3/06 (2006.01)**  
[25] EN  
[54] **COMBUSTOR WITH IMPROVED SWIRL**  
[54] **CHAMBRE DE COMBUSTION AVEC TOURBILLON LONGITUDINAL AMELIORE**  
[72] ALKABIE, HISHAM, CA  
[72] MORENKO, OLEG, CA  
[72] MCCALDON, KIAN, CA  
[73] PRATT & WHITNEY CANADA CORP., CA  
[22] 2007-05-02  
[30] US (11/441,223) 2006-05-26

**Brevets canadiens délivrés  
24 july 2012**

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[11] **2,587,452**  
[13] C

[51] **Int.Cl. C09B 33/26 (2006.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) C09D 11/00 (2006.01) D06P 5/00 (2006.01)**  
[25] EN  
[54] **AZO COMPOUND, INK COMPOSITION AND COLORED ARTICLE**  
[54] **COMPOSE AZOIQUE, COMPOSITION D'ENCRE ET MATIERE COLORANTE**  
[72] SHIRASAKI, YASUO, JP  
[72] OHNO, HIROAKI, JP  
[72] MATSUI, TAKAHIKO, JP  
[73] NIPPON KAYAKU KABUSHIKI KAISHA, JP  
[85] 2007-05-11  
[86] 2005-11-10 (PCT/JP2005/020598)  
[87] (WO2006/051850)  
[30] JP (2004-328379) 2004-11-12

---

[11] **2,588,654**  
[13] C

[51] **Int.Cl. G01F 9/00 (2006.01) B60K 15/00 (2006.01) G01F 23/00 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FUEL MEASUREMENT AND ACCOUNTABILITY**  
[54] **SYSTEME ET PROCEDE POUR LA MESURE DE CARBURANT AVEC FIABILITE**  
[72] GEORGE, ANTHONY, US  
[73] NAUTICAL CONTROL SOLUTIONS, LP., US  
[85] 2007-05-22  
[86] 2005-11-22 (PCT/US2005/042544)  
[87] (WO2006/055969)  
[30] US (10/994,449) 2004-11-22

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[11] **2,590,133**  
[13] C

[51] **Int.Cl. F27D 7/00 (2006.01) F27D 19/00 (2006.01)**  
[25] EN  
[54] **PROCESS AND SYSTEM EMPLOYING GENERATION OF CONTROLLED FURNACE ATMOSPHERES WITHOUT THE USE OF SEPARATE GAS SUPPLIES OR STAND-ALONE ATMOSPHERE GENERATORS**  
[54] **SYSTEME ET PROCEDE UTILISANT LA GENERATION D'ATMOSPHERES DE FOUR CONTROLEES SANS L'UTILISATION DE FOURNITURES DE GAZ DISTINCT OU DE GENERATEURS D'ATMOSPHERES AUTONOMES**  
[72] OHANIAN, VAHE, CA  
[73] TEMPEL STEEL COMPANY, US  
[22] 2007-05-24  
[30] US (11/749,918) 2007-05-18

---

[11] **2,590,699**  
[13] C

[51] **Int.Cl. H05B 41/392 (2006.01) H05B 41/282 (2006.01)**  
[25] EN  
[54] **LIGHTING BALLAST HAVING BOOST CONVERTER WITH ON/OFF CONTROL AND METHOD OF BALLAST OPERATION**  
[54] **REGULATEUR D'ECLAIRAGE COMPORTANT A CONVERTISSEUR ELEVATEUR DE TENSION AVEC COMMAND MARCHE/ARRET ET PROCEDE DE FONCTIONNEMENT DE REGULATEUR**  
[72] CHITTA, VENKATESH, US  
[72] GAWRYS, BRENT M., US  
[73] LUTRON ELECTRONICS CO., INC., US  
[85] 2007-06-14  
[86] 2005-12-12 (PCT/US2005/045103)  
[87] (WO2006/065831)  
[30] US (11/011,468) 2004-12-14

---

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[11] **2,591,134**  
[13] C

[51] **Int.Cl. G08C 19/02 (2006.01) G08C 17/02 (2006.01)**  
[25] EN  
[54] **WIRELESS PROCESS FIELD DEVICE DIAGNOSTICS**  
[54] **DIAGNOSTICS DE DISPOSITIFS DE PROCESSUS INDUSTRIELS SANS FIL**  
[72] BROWN, GREGORY C., US  
[72] OSTBY, PHILIP G., US  
[72] NELSON, RICHARD L., US  
[73] ROSEMOUNT INC., US  
[85] 2007-06-18  
[86] 2005-12-13 (PCT/US2005/044980)  
[87] (WO2006/073698)  
[30] US (11/028,486) 2005-01-03

---

[11] **2,591,355**  
[13] C

[51] **Int.Cl. B60D 1/58 (2006.01) B60R 25/00 (2006.01) B60R 25/10 (2006.01) E05B 65/20 (2006.01) G08B 3/10 (2006.01)**  
[25] EN  
[54] **ACCESSORY FOR A LOCKING ASSEMBLY**  
[54] **ACCESSOIRE POUR MECANISME DE VERROUILLAGE**  
[72] PARE, ANDRE, CA  
[73] PARE, ANDRE, CA  
[22] 2007-06-07

---

[11] **2,592,159**  
[13] C

[51] **Int.Cl. G01N 33/00 (2006.01) C07F 9/24 (2006.01)**  
[25] EN  
[54] **COUMARIN-BASED CYANINE DYES FOR NON-SPECIFIC PROTEIN BINDING**  
[54] **COLORANTS CYANINE A BASE DE COUMARINE POUR LIAISON NON SPECIFIQUE DE PROTEINES**  
[72] BERKELMAN, THOMAS R., US  
[73] BIO-RAD LABORATORIES, INC., US  
[85] 2007-06-26  
[86] 2005-12-08 (PCT/US2005/044378)  
[87] (WO2006/080986)  
[30] US (11/044,798) 2005-01-26

---

Canadian Patents Issued  
July 24 2012

[11] 2,596,434

[13] C

[51] Int.Cl. G06F 17/30 (2006.01)

[25] EN

[54] FILE SYSTEM HAVING  
VARIABLE LOGICAL STORAGE  
BLOCK SIZE

[54] SYSTEME DE FICHIER DOTE  
D'UNE LONGUEUR VARIABLE DE  
BLOC DE STOCKAGE LOGIQUE

[72] DODGE, DAN T., CA

[72] VAN DER VEEN, PETER H., CA

[73] QNX SOFTWARE SYSTEMS  
LIMITED, CA

[22] 2007-08-08

[30] US (11/510174) 2006-08-25

[11] 2,598,689

[13] C

[51] Int.Cl. G10L 19/00 (2006.01) G10L 19/  
02 (2006.01) G10L 21/02 (2006.01)

[25] EN

[54] SPEECH CODEC EMPLOYING  
SPEECH CLASSIFICATION FOR NOISE  
COMPENSATION

[54] CODEC VOCAL UTILISANT UNE  
CLASSIFICATION VOCALE DESTINEE  
A LA COMPENSATION DU BRUIT

[72] BENYASSINE, ADIL, US

[72] GAO, YANG, US

[72] THYSSEN, JES, US

[72] SU, HUAN-YU, US

[73] MINDSPEED TECHNOLOGIES, INC.,

FR

[22] 1999-08-24

[62] 2,341,712

[30] US (60/097,569) 1998-08-24

[30] US (09/156,832) 1998-09-18

[30] US (09/154,662) 1998-09-18

[30] US (09/154,657) 1998-09-18

[30] US (09/198,414) 1998-11-24

[11] 2,598,965

[13] C

[51] Int.Cl. B26D 1/14 (2006.01) B26D 5/02  
(2006.01) B31B 1/14 (2006.01)

[25] EN

[54] A CUTTING-AND CREASING-  
WHEEL ASSEMBLY, AND A METHOD  
FOR CUTTING AND CREASING A  
COMPRESSIBLE MATERIAL

[54] ENSEMBLE DE ROUE A COUPER  
ET A RAINER ET PROCEDE  
PERMETTANT DE COUPER ET DE  
RAINER UN MATERIAU  
COMPRESSIBLE

[72] PETTERSSON, NIKLAS, SE

[73] PETTERSSON, NIKLAS, US

[85] 2007-08-23

[86] 2006-02-22 (PCT/SE2006/000233)

[87] (WO2006/091149)

[30] SE (0500431-2) 2005-02-25

[11] 2,597,917

[13] C

[51] Int.Cl. G01N 37/00 (2006.01) G01N 27/  
416 (2006.01)

[25] EN

[54] SUBMERSIBLE PROBE  
APPARATUS FOR AQUEOUS  
ENVIRONMENT MONITORING WITH  
NEW CAM-TWIST INTERCONNECT,  
LIQUID BARRIER AND BATTERY  
PACK

[54] APPAREIL DE DETECTION  
SUBMERSIBLE POUR LA  
SURVEILLANCE EN MILIEU AQUEUX  
EQUIPE D'UN NOUVEAU SYSTEME  
D'INTERCONNEXION A CAME  
ROTATIVE, D'UNE BARRIERE  
LIQUIDE ET D'UN BLOC-BATTERIE

[72] MCKEE, DUANE B., US

[72] RODRIGUEZ, DUSTIN S., US

[72] BARKER, BRUCE A., US

[73] IN-SITU, INC., US

[85] 2007-08-15

[86] 2006-02-14 (PCT/US2006/005102)

[87] (WO2006/088829)

[30] US (60/653,452) 2005-02-15

[30] US (60/671,303) 2005-04-14

[11] 2,598,916

[13] C

[51] Int.Cl. A61B 5/00 (2006.01) A61B 5/15  
(2006.01) A61B 17/32 (2006.01)

[25] EN

[54] INTEGRATED LANCING TEST  
STRIP WITH RETRACTABLE LANCET  
[54] BANDELETTE REACTIVE A  
LANCETTE INTEGREE DU TYPE  
RETRACTABLE

[72] CHAN, FRANK, US

[72] WONG, DANIEL, US

[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2007-08-23

[86] 2006-04-10 (PCT/EP2006/003272)

[87] (WO2006/108597)

[30] US (11/103,871) 2005-04-12

[11] 2,600,747

[13] C

[51] Int.Cl. C22C 38/00 (2006.01) C21D 8/  
00 (2006.01) C22C 38/14 (2006.01) C22C  
38/58 (2006.01)

[25] EN

[54] HIGH TENSILE STRENGTH  
STEEL MATERIAL HAVING  
EXCELLENT DELAYED FRACTURE  
RESISTANCE PROPERTY, AND  
METHOD OF MANUFACTURING THE  
SAME

[54] MATERIAU D'ACIER A HAUTE  
RESISTANCE A LA TRACTION  
PRESENTANT D'EXCELLENTE  
PROPRIETES DE RESISTANCE  
RETARDEE A LA RUPTURE, ET SON  
PROCEDE DE FABRICATION

[72] HAYASHI, KENJI, JP

[72] NAGAO, AKIHIDE, JP

[72] OI, KENJI, JP

[73] JFE STEEL CORPORATION, JP

[85] 2007-09-11

[86] 2006-05-29 (PCT/JP2006/311157)

[87] (WO2006/129827)

[30] JP (2005-157275) 2005-05-30

[30] JP (2006-145407) 2006-05-25

**Brevets canadiens délivrés  
24 July 2012**

---

[11] **2,605,201**  
[13] C

[51] **Int.Cl. E21B 33/068 (2006.01)**  
[25] EN  
[54] **LUBRICATOR SYSTEM**  
[54] **SYSTEME DE GRAISSAGE**  
[72] EDWARDS, JEFFREY CHARLES, GB  
[73] ENOVATE SYSTEMS LIMITED, GB  
[85] 2007-10-16  
[86] 2006-04-20 (PCT/GB2006/001441)  
[87] (WO2006/111752)  
[30] GB (0508140.1) 2005-04-22

---

[11] **2,605,643**  
[13] C

[51] **Int.Cl. C12P 19/02 (2006.01) A01H 5/00 (2006.01) C12N 9/04 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01) C12P 7/08 (2006.01) C12P 19/00 (2006.01) C13K 1/02 (2006.01)**  
[25] EN  
[54] **METHODS FOR INCREASING THE YIELD OF FERMENTABLE SUGARS FROM PLANT STOVER**  
[54] **PROCEDES POUR AUGMENTER LE RENDEMENT DE SUCRES FERMENTABLES PRODUITS PAR LE FOURRAGE**  
[72] MOSIER, NATHAN S., US  
[72] VERMERRIS, WILLEM E., US  
[72] LADISCH, MICHAEL R., US  
[73] PURDUE RESEARCH FOUNDATION, US  
[85] 2007-10-19  
[86] 2006-05-02 (PCT/US2006/016887)  
[87] (WO2006/119318)  
[30] US (60/676,868) 2005-05-02

---

[11] **2,605,647**  
[13] C

[51] **Int.Cl. B65D 8/20 (2006.01) B60K 15/03 (2006.01) F02M 37/00 (2006.01)**  
[25] EN  
[54] **FUEL TANK**  
[54] **RESERVOIR DE CARBURANT**  
[72] SAKAMOTO, KAZUHIRO, JP  
[72] SAITOH, TERUYUKI, JP  
[72] MATSUBARA, YASUNORI, JP  
[73] HONDA MOTOR CO., LTD., JP  
[85] 2007-10-22  
[86] 2006-06-23 (PCT/JP2006/312613)  
[87] (WO2006/137524)  
[30] JP (2005-183592) 2005-06-23  
[30] JP (2005-183598) 2005-06-23

---

[11] **2,605,923**  
[13] C

[51] **Int.Cl. A61K 38/12 (2006.01) A61K 31/4045 (2006.01) A61K 31/438 (2006.01) A61K 31/495 (2006.01) A61K 31/501 (2006.01) A61K 31/5355 (2006.01) A61K 31/536 (2006.01) A61K 38/06 (2006.01) A61K 38/11 (2006.01) A61K 45/06 (2006.01) A61P 15/06 (2006.01)**  
[25] EN  
[54] **USE OF ANTAGONISTS OF OXYTOCIN AND/OR VASOPRESSIN**  
[54] **UTILISATION D'ANTAGONISTES D'OXYTOCINE ET/OU DE VASOPRESSINE**  
[72] PIERZYNSKI, PIOTR, PL  
[72] KUCZYNSKI, WALDEMAR, PL  
[73] FERRING INTERNATIONAL CENTER SA., CH  
[85] 2007-10-18  
[86] 2006-05-10 (PCT/PL2006/000029)  
[87] (WO2006/121362)  
[30] PL (P.374954) 2005-05-10  
[30] PL (P.376607) 2005-08-12  
[30] US (60/733,916) 2005-11-04

---

[11] **2,606,865**  
[13] C

[51] **Int.Cl. A61K 8/89 (2006.01)**  
[25] EN  
[54] **COSMETIC COMPOSITION FOR DIMINISHING THE APPEARANCE OF LINES AND PORES**  
[54] **COMPOSITION COSMETIQUE DESTINEE A REDUIRE L'ASPECT DES RIDULES ET DES PORES**  
[72] MOHAMMADI, FATEMEH, US  
[72] POPESCU, LAVINIA, US  
[73] ELC MANAGEMENT LLC, US  
[85] 2007-11-02  
[86] 2006-05-11 (PCT/US2006/018323)  
[87] (WO2006/124538)  
[30] US (11/128,027) 2005-05-12

---

[11] **2,608,307**  
[13] C

[51] **Int.Cl. B65D 51/00 (2006.01) B65D 53/02 (2006.01) F02M 37/00 (2006.01)**  
[25] EN  
[54] **TANK CAP**  
[54] **BOUCHON DE RESERVOIR D'ESSENCE**  
[72] SAITOH, TERUYUKI, JP  
[72] MATSUBARA, YASUNORI, JP  
[72] ITO, KEITA, JP  
[73] HONDA MOTOR CO., LTD., JP  
[85] 2007-11-05  
[86] 2006-06-23 (PCT/JP2006/312610)  
[87] (WO2006/137521)  
[30] JP (2005-183597) 2005-06-23  
[30] JP (2005-254565) 2005-09-02

---

[11] **2,608,431**  
[13] C

[51] **Int.Cl. H01H 15/00 (2006.01)**  
[25] EN  
[54] **LIGHTING CONTROL HAVING A CAPTURED OFFSET LINEAR GUIDE SYSTEM**  
[54] **COMMANDE D'ECLAIRAGE PRESENTANT UN SYSTEME DE GUIDE LINEAIRE A DECALAGE INTEGRE**  
[72] ABEL, RYAN, US  
[73] LUTRON ELECTRONICS CO., INC., US  
[85] 2007-11-13  
[86] 2006-05-09 (PCT/US2006/017682)  
[87] (WO2006/124360)  
[30] US (60/680,218) 2005-05-12

---

[11] **2,608,464**  
[13] C

[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/56 (2006.01)**  
[25] EN  
[54] **SURGICAL DRILL GUIDE DEVICES FOR LIGAMENT REPAIR**  
[54] **DISPOSITIFS DE GUIDE-FORET CHIRURGICAL POUR REPARATION DE LIGAMENT**  
[72] VOLPI, PIERO, IT  
[72] LIZARDI, JOSE E., US  
[72] FIFOLT, DOUGLAS A., US  
[73] DEPUY MITEK, INC., US  
[22] 2007-10-29  
[30] US (11/862,509) 2007-09-27  
[30] US (60/855,239) 2006-10-30

---

**Canadian Patents Issued  
July 24 2012**

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[11] **2,609,277**  
[13] C

[51] **Int.Cl. C09D 5/00 (2006.01) C08F 8/00 (2006.01) C23C 22/00 (2006.01)**  
[25] EN  
[54] **CORROSION-PROTECTION AGENT FORMING A LAYER OF PAINT AND METHOD FOR CURRENT-FREE APPLICATION THEREOF**  
[54] **AGENT ANTICORROSION FORMANT UNE COUCHE DE VERNIS ET PROCEDE POUR SON APPLICATION SANS COURANT**  
[72] DORNBUSCH, MICHAEL, DE  
[73] BASF COATINGS GMBH, DE  
[85] 2007-11-19  
[86] 2006-04-19 (PCT/EP2006/003545)  
[87] (WO2006/125498)  
[30] DE (10 2005 023 728.2) 2005-05-23

---

[11] **2,610,170**  
[13] C

[51] **Int.Cl. B41J 2/175 (2006.01)**  
[25] EN  
[54] **LIQUID CONTAINER, LIQUID SUPPLYING SYSTEM AND CIRCUIT BOARD FOR LIQUID CONTAINER**  
[54] **CONTENEUR DE LIQUIDE, SYSTEME DE DISTRIBUTION DE LIQUIDE ET CARTE A CIRCUIT IMPRIME POUR CONTENEUR DE LIQUIDE**  
[72] MATSUMOTO, HARUYUKI, JP  
[72] WATANABE, KENJIRO, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[85] 2007-11-28  
[86] 2006-06-01 (PCT/JP2006/311472)  
[87] (WO2006/129882)  
[30] JP (2005-161316) 2005-06-01

---

[11] **2,614,014**  
[13] C

[51] **Int.Cl. C10G 3/00 (2006.01) C10G 45/02 (2006.01) C10G 45/58 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF DIESEL RANGE HYDROCARBONS**  
[54] **PROCEDE DE FABRICATION D'HYDROCARBURES DE LA GAMME DIESEL**  
[72] AALTO, PEKKA, FI  
[72] MYLLYOJA, JUKKA, FI  
[72] HARLIN, ELINA, FI  
[73] NESTE OIL OYJ, FI  
[85] 2008-01-02  
[86] 2006-06-29 (PCT/FI2006/050300)  
[87] (WO2007/003708)  
[30] EP (05014426.0) 2005-07-04  
[30] US (60/695,852) 2005-07-05

---

[11] **2,609,822**  
[13] C

[51] **Int.Cl. A42B 3/04 (2006.01)**  
[25] EN  
[54] **ELECTRONIC HELMET**  
[54] **CASQUE ELECTRONIQUE**  
[72] GERTSCH, JEFFREY H., US  
[72] GEHRISCH, CHRISTOPHER L., US  
[72] GEHRISCH, MATTHEW B., US  
[72] SMILO, SHELDON A., US  
[72] MCCUNE, MARTIN D., US  
[72] GERTSCH, RONALD L., US  
[72] ABAD, BENJAMIN G., US  
[72] SWANSON, WILLIAM E., US  
[72] MANN, JUSTIN K., US  
[72] WILLIAMS, DAVID L., US  
[73] GERTSCH, JEFFREY H., US  
[85] 2007-11-23  
[86] 2006-05-23 (PCT/US2006/020313)  
[87] (WO2006/127940)  
[30] US (11/138,933) 2005-05-26

---

[11] **2,612,673**  
[13] C

[51] **Int.Cl. C09K 3/22 (2006.01) C08L 27/18 (2006.01)**  
[25] EN  
[54] **METHOD FOR DUST-PREVENTIVE TREATMENT OF MATERIAL HAVING DUSTING PROPERTY**  
[54] **METHODE DE TRAITEMENT CONTRE LA FORMATION DE POUSSIERES DE MATERIAUX PRODUISANT DES POUSSIERES**  
[72] MIZUNO, YOSHITOMO, JP  
[72] URANO, TERUO, JP  
[72] KONABE, KAZUO, JP  
[72] KAWAZOE, MITSUYOSHI, JP  
[73] DU PONT-MITSUI FLUORO-CHEMICALS CO., LTD., JP  
[73] MURAKASHI LIME INDUSTRY CO., LTD., JP  
[73] NIPPO CORPORATION, JP  
[85] 2007-12-18  
[86] 2005-06-29 (PCT/JP2005/011902)  
[87] (WO2007/000812)

---

[11] **2,614,384**  
[13] C

[51] **Int.Cl. G10L 19/00 (2006.01) H04S 3/02 (2006.01)**  
[25] EN  
[54] **CONCEPT FOR BRIDGING THE GAP BETWEEN PARAMETRIC MULTI-CHANNEL AUDIO CODING AND MATRIXED-SURROUND MULTI-CHANNEL CODING**  
[54] **LOGIQUE POUR COMBLER L'ECART ENTRE LE CODAGE PARAMETRIQUE DE L'AUDIO MULTICANAL ET LE CODAGE MULTICANAL DE L'AMBIOPHONIE MATRICEE**  
[72] LINZMEIER, KARSTEN, DE  
[72] FALLER, CHRISTOF, CH  
[72] HILPERT, JOHANNES, DE  
[72] SPERSCHNEIDER, RALPH, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FODERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[73] AGERE SYSTEMS, INC., US  
[85] 2008-01-07  
[86] 2006-06-21 (PCT/EP2006/005971)  
[87] (WO2007/009548)  
[30] US (60/701,001) 2005-07-19  
[30] US (11/323,965) 2005-12-29

**Brevets canadiens délivrés  
24 July 2012**

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[11] **2,617,941**  
[13] C

[51] **Int.Cl. A61K 9/20 (2006.01)**  
[25] EN  
[54] **PSYCHOSTIMULANT CONTAINING PHARMACEUTICAL COMPOSITION**  
[54] **PSYCHOSTIMULANT CONTENANT UNE COMPOSITION PHARMACEUTIQUE**  
[72] AMMER, RICHARD, DE  
[72] POESTGES, REINER, DE  
[72] SCHNEIDER, BERND, DE  
[73] PEJO ISERLOHN HEILMITTEL UND DIAET GMBH & CO. KG, DE  
[85] 2008-02-05  
[86] 2005-08-23 (PCT/EP2005/009106)  
[87] (WO2006/021426)  
[30] EP (04019984.6) 2004-08-23  
[30] EP (04023039.3) 2004-09-28

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[11] **2,618,462**  
[13] C

[51] **Int.Cl. G01V 8/00 (2006.01) G01J 3/18 (2006.01) G01N 21/35 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS TO CHARACTERIZE STOCK-TANK OIL DURING FLUID COMPOSITION ANALYSIS**  
[54] **METHODES ET APPAREILLAGE DE CARACTERISATION DE L'HUILE DE STOCKAGE LORS DE L'ANALYSE DE COMPOSITION DES FLUIDES**  
[72] HEGEMAN, PETER S., US  
[72] DONG, CHENGLI, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2008-01-17  
[30] US (60/886,400) 2007-01-24  
[30] US (11/738,156) 2007-04-20

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[11] **2,622,713**  
[13] C

[51] **Int.Cl. A61K 31/4184 (2006.01) A01N 43/04 (2006.01) A01N 43/52 (2006.01) A61K 9/08 (2006.01) A61P 33/10 (2006.01)**  
[25] EN  
[54] **ANTHELMINTIC FORMULATIONS**  
[54] **COMPOSITIONS AUX ANTHELMINTHIQUES**  
[72] RAZZAK, MAJID HAMEED ABDUL, NZ  
[73] MERIAL LIMITED, US  
[85] 2008-03-14  
[86] 2005-09-15 (PCT/NZ2005/000243)  
[87] (WO2007/032688)

---

[11] **2,623,080**  
[13] C

[51] **Int.Cl. G06F 19/00 (2011.01) H04W 88/02 (2009.01) G06F 3/048 (2006.01)**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR PROVIDING VISUAL INDICATORS IN A MEDIA APPLICATION**  
[54] **SYSTEME ET METHODE D'OBTENTION D'INDICATEURS VISUELS DANS UNE APPLICATION MEDIATIQUE**  
[72] MUJKIC, ALEN, CA  
[72] SCOTT, SHERYL LEE LORRAIN, CA  
[72] CHIANG, HUI YU, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[22] 2008-02-27  
[30] EP (07103256.9) 2007-02-28

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[11] **2,623,301**  
[13] C

[51] **Int.Cl. B60C 25/12 (2006.01)**  
[25] EN  
[54] **FLIP SEAL APPARATUS AND SYSTEM AND METHOD FOR INFLATING A TIRE USING THE SAME**  
[54] **DISPOSITIF DE JOINT D'ETANCHEITE A BASCULE ET SYSTEME POUR LE GONFLAGE D'UN PNEUMATIQUE UTILISANT UN TEL DISPOSITIF**  
[72] REECE, ROBERT, US  
[72] LAWSON, LAWRENCE J., US  
[73] ANDROID INDUSTRIES LLC, US  
[85] 2008-03-19  
[86] 2006-10-02 (PCT/US2006/038595)  
[87] (WO2007/041566)  
[30] US (60/722,754) 2005-09-30

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[11] **2,624,982**  
[13] C

[51] **Int.Cl. A45D 33/00 (2006.01)**  
[25] EN  
[54] **A REFILL-LOCKING SYSTEM, A PACKAGE COMPRISING SAID LOCKING SYSTEM, AND A REFILL**  
[54] **SYSTEME DE VERROUILLAGE DE RECHARGE, BOITIER COMPRENANT CE CE SYSTEME DE VERROUILLAGE, ET RECHARGE**  
[72] MARTINS, PAULA RENATA, BR  
[72] MARRA, FERNANDA, BR  
[72] TOMAS PELLICCIARI, FABIANA, BR  
[73] NATURA COSMETICOS S.A., BR  
[85] 2008-04-07  
[86] 2006-10-20 (PCT/BR2006/000221)  
[87] (WO2007/045061)  
[30] BR (PI0504830-3) 2005-10-21

---

[11] **2,625,865**  
[13] C

[51] **Int.Cl. B66F 7/16 (2006.01) B66F 7/28 (2006.01)**  
[25] EN  
[54] **LIFTING RAM FOR LIFTING PLATFORMS**  
[54] **POUSSOIR POUR PLATEFORMES DE LEVAGE**  
[72] HOERNSTEIN, ROLAND, DE  
[73] HERRMANN, JOHANNES, DE  
[85] 2008-04-14  
[86] 2006-10-25 (PCT/EP2006/067766)  
[87] (WO2007/048807)  
[30] DE (10 2005 050 990.8) 2005-10-25

---

[11] **2,629,957**  
[13] C

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01)**  
[25] EN  
[54] **TABLETS COMPRISING A CORE AND A MEDICAMENT-CONTAINING COATING FOR BUCCAL RELEASE**  
[54] **PRODUITS EN COMPRIMES INCLUANT UN PRINCIPE ACTIF**  
[72] REAM, RONALD L., US  
[72] MATULEWICZ, LEONARD, US  
[72] WOKAS, WILLIAM J., US  
[73] WM. WRIGLEY JR. COMPANY, US  
[85] 2008-05-15  
[86] 2005-11-15 (PCT/US2005/041236)  
[87] (WO2007/058645)

---

[11] **2,630,116**  
[13] C

[51] **Int.Cl. H04W 72/02 (2009.01) H04W 4/14 (2009.01) H04W 88/06 (2009.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MULTI-CHANNEL BLOCKING**  
[54] **SYSTEME ET METHODE DE BLOCAGE MULTIVOIE**  
[72] ASHTANA, ATUL, CA  
[72] MCDONALD, IAN JAMES, CA  
[72] CASTELL, WILLIAM DAVID, CA  
[72] BAKKER, JOHN-LUC, US  
[72] GEORGE, RICHARD JOHN, CA  
[72] GISBY, DOUGLAS MICHAEL, US  
[72] ALFANO, NICHOLAS, GB  
[72] HEIT, DAVID LLOYD, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[22] 2008-04-30  
[30] US (11/742,610) 2007-05-01

---

Canadian Patents Issued  
July 24 2012

[11] **2,632,086**  
[13] C  
[51] **Int.Cl. A63B 22/00 (2006.01)**  
[25] EN  
[54] **EXERCISE TREADMILL FOR PULLING AND DRAGGING ACTION**  
[54] **TAPIS ROULANT D'EXERCICE POUR ACTION DE TRACTION ET DE TRAINEE**  
[72] ELLIS, JOSEPH K., US  
[73] ELLIS, JOSEPH K., US  
[85] 2008-05-28  
[86] 2005-11-30 (PCT/US2005/043244)  
[87] (WO2007/064318)

[11] **2,633,297**  
[13] C  
[51] **Int.Cl. A47B 47/00 (2006.01) A47B 96/02 (2006.01) A47B 96/06 (2006.01) A47B 96/14 (2006.01) A47F 5/08 (2006.01) B65G 1/02 (2006.01)**  
[25] EN  
[54] **STORAGE SYSTEM WITH ACCESSORY MOUNTING RAIL**  
[54] **SYSTEME D'ENTREPOSAGE AVEC TRAVERSE(S) D'INSTALLATION**  
[72] SMITH, MICHELLE M., US  
[72] TOURDOT, MATTHEW A., US  
[72] PUNZEL, WILLIAM H., US  
[73] SPACESAVER CORPORATION, US  
[22] 2008-06-04  
[30] US (60/941,850) 2007-06-04  
[30] US (12/132,432) 2008-06-03

[11] **2,635,878**  
[13] C  
[51] **Int.Cl. B29C 49/42 (2006.01) B29C 49/28 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR PROCESSING PREFORMS**  
[54] **PROCEDE ET DISPOSITIF POUR FACONNER DES PREFORMES**  
[72] PESAVENTO, MODESTO M., DE  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[22] 2003-04-10  
[62] 2,478,874  
[30] DE (10215722.7) 2002-04-10

[11] **2,636,686**  
[13] C  
[51] **Int.Cl. H01F 27/34 (2006.01) H02H 7/04 (2006.01) H02H 9/02 (2006.01)**  
[25] EN  
[54] **TRANSFORMER OPERATION CONTROL APPARATUS AND METHOD FOR SUPPRESSING MAGNETIZING INRUSH CURRENT**  
[54] **APPAREILLAGE DE COMMANDE DE TRANSFORMATEUR ET PROCEDE DE SUPPRESSION DU COURANT D'APPEL DE MAGNETISATION**  
[72] KAMEI, KENJI, JP  
[72] MORI, TOMOHITO, JP  
[72] KINOSHITA, SADAYUKI, JP  
[73] MITSUBISHI ELECTRIC CORPORATION, JP  
[22] 2008-07-03  
[30] JP (2007-305639) 2007-11-27

[11] **2,637,672**  
[13] C  
[51] **Int.Cl. A61K 31/445 (2006.01)**  
[25] EN  
[54] **SUBLINGUAL FENTANYL SPRAY**  
[54] **PULVERISATION SUBLINGUALE DE FENTANYLE**  
[72] GOSKONDA, VENKAT R., US  
[72] KATTOOKARAN, LINET, US  
[72] PARIKH, NEHA N., US  
[72] KOTTAYIL, S. GEORGE, US  
[72] ZHU, ZHONGYUAN, US  
[73] INSYS THERAPEUTICS INC., US  
[85] 2008-07-17  
[86] 2007-01-25 (PCT/US2007/002163)  
[87] (WO2007/087431)  
[30] US (60/762,057) 2006-01-25

[11] **2,638,625**  
[13] C  
[51] **Int.Cl. A61F 2/28 (2006.01) A61B 17/3205 (2006.01) A61F 2/30 (2006.01) A61L 27/36 (2006.01) A61L 27/38 (2006.01) A61L 27/58 (2006.01)**  
[25] EN  
[54] **FIXATION TECHNOLOGY FOR BONE REPAIR**  
[54] **TECHNIQUE DE FIXATION POUR REPARATION OSSEUSE**  
[72] PULLAN, MICHAEL, GB  
[72] TOYODA, TAKASHI, JP  
[72] SEEDHOM, BAHAA, GB  
[73] UNIVERSITY OF LEEDS, GB  
[22] 2000-12-04  
[62] 2,390,794  
[30] GB (9928569.4) 1999-12-03  
[30] GB (0015640.6) 2000-06-27  
[30] GB (0027394.6) 2000-11-09

[11] **2,639,203**  
[13] C  
[51] **Int.Cl. H01Q 1/38 (2006.01) H04W 88/02 (2009.01) H01Q 9/42 (2006.01)**  
[25] EN  
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE INCLUDING A FOLDED MONOPOLE MULTI-BAND ANTENNA AND RELATED METHODS**  
[54] **DISPOSITIF DE COMMUNICATION MOBILE SANS FIL AVEC ANTENNE MULTI BANDES MONOPOLE REPLIE ET METHODES CONNEXES**  
[72] WEN, GEYI, CA  
[72] ALI, SHIROOK, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[22] 2008-08-29  
[30] EP (07115313.4) 2007-08-30

[11] **2,639,397**  
[13] C  
[51] **Int.Cl. H04W 4/04 (2009.01) B66B 5/02 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR GUIDING A USER IN A BUILDING**  
[54] **PROCEDE ET SYSTEME POUR GUIDER UN UTILISATEUR DANS UN IMMEUBLE**  
[72] SCHUSTER, KILIAN, CH  
[72] FRIEDLI, PAUL DR., CH  
[73] INVENTIO AG, CH  
[22] 2001-04-25  
[62] 2,405,695  
[30] EP (00810367.3) 2000-05-01

[11] **2,642,296**  
[13] C  
[51] **Int.Cl. C09K 8/04 (2006.01) C09K 8/08 (2006.01) C09K 8/20 (2006.01)**  
[25] EN  
[54] **ETHOXYLATED RAW COTTON LINTERS FOR COMPLETION AND WORKOVER FLUIDS**  
[54] **LINTERS DE COTON BRUT ETHOXYLES POUR FLUIDES DE COMPLETION ET DE RECONDITIONNEMENT**  
[72] SAU, ARJUN C., US  
[72] MELBOUCI, MOHAND, US  
[73] HERCULES INCORPORATED, US  
[85] 2008-08-12  
[86] 2007-02-21 (PCT/US2007/004460)  
[87] (WO2007/100570)  
[30] US (60/776,040) 2006-02-23

**Brevets canadiens délivrés  
24 July 2012**

---

[11] **2,642,831**  
[13] C

[51] **Int.Cl. B30B 9/30 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR COMPRESSING WOOD**  
[54] **DISPOSITIF ET PROCEDE POUR COMPRESSION ET EMPAQUETAGE DE BOIS**  
[72] HARR, PER ERIK, NO  
[73] ROGNAN BIOENERGI, NO  
[85] 2008-08-15  
[86] 2007-02-14 (PCT/NO2007/000050)  
[87] (WO2007/094682)  
[30] NO (20060757) 2006-02-16

---

[11] **2,644,226**  
[13] C

[51] **Int.Cl. A47G 25/06 (2006.01) A47G 25/48 (2006.01) D06F 57/04 (2006.01) D06F 57/08 (2006.01) D06F 57/12 (2006.01)**  
[25] EN  
[54] **SPORTS EQUIPMENT HANGER**  
[54] **CINTRE POUR EQUIPEMENT DE SPORT**  
[72] MOREAU, LESLIE, CA  
[73] MOREAU, LESLIE, CA  
[22] 2008-11-20

---

[11] **2,646,860**  
[13] C

[51] **Int.Cl. A61K 8/67 (2006.01) A61K 8/362 (2006.01) A61K 8/365 (2006.01) A61K 8/60 (2006.01) A61Q 19/08 (2006.01)**  
[25] EN  
[54] **KIT CONTAINING A RETINOID, A HYDROQUINONE AND A MULTIMETAL COMPLEX FOR THE TREATMENT OF SKIN**  
[54] **TROUSSE COMPRENANT UN RETINOIDE, UNE HYDOQUINONE ET UN COMPLEXE POLYMETALLIQUE POUR LE TRAITEMENT DE LA PEAU**  
[72] FARYNIARZ, JOSEPH R., US  
[72] RAMIREZ, JOSE E., US  
[73] JR CHEM, LLC, US  
[22] 2008-12-17  
[30] US (61/019,047) 2008-01-04  
[30] US (12/331,781) 2008-12-10

---

[11] **2,647,496**  
[13] C

[51] **Int.Cl. A61L 15/46 (2006.01)**  
[25] EN  
[54] **ABSORBENT ARTICLES INCLUDING ODOUR CONTROL SYSTEM**  
[54] **ARTICLES ABSORBANTS COMPRENANT UN SYSTEME DE DESODORISATION**  
[72] CAPUTI, MARIANGELA, IT  
[72] SIERRI, GIANCARLO, IT  
[72] PESCE, ANTONELLA, IT  
[72] CARLUCCI, GIOVANNI, IT  
[72] GAGLIARDINI, ALESSANDRO, IT  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2008-10-03  
[86] 2007-04-05 (PCT/IB2007/051232)  
[87] (WO2007/113778)  
[30] EP (06112262.8) 2006-04-05  
[30] EP (06016651.9) 2006-08-09

---

[11] **2,648,325**  
[13] C

[51] **Int.Cl. A61F 2/01 (2006.01)**  
[25] EN  
[54] **REMOVABLE EMBOLUS BLOOD CLOT FILTER**  
[54] **FILTRE AMOVIBLE POUR CAILLOTS DE SANG GENERATEURS D'EMBOLIE**  
[72] RAVENSCROFT, ADRIAN C., US  
[72] KLESHINSKI, STEPHEN J., US  
[73] C.R. BARD, INC., US  
[22] 1999-09-23  
[62] 2,344,375  
[30] US (09/160,384) 1998-09-25

---

[11] **2,650,174**  
[13] C

[51] **Int.Cl. F16L 47/16 (2006.01) F16L 15/08 (2006.01) F16L 19/025 (2006.01) F16L 47/00 (2006.01) F16L 47/24 (2006.01) G01F 1/05 (2006.01) G01F 15/14 (2006.01) G01F 15/18 (2006.01)**  
[25] EN  
[54] **PLASTIC WATER METER WITH METAL THREADS**  
[54] **COMPTEUR D'EAU EN PLASTIQUE AVEC FILETAGES EN METAL**  
[72] MCCRAVEN, JEREMY ALAN, US  
[72] BALL, MARTY SCOTT, US  
[73] HERSEY METERS CO., LLC, US  
[22] 2009-01-19  
[30] US (61/022,088) 2008-01-18

---

[11] **2,650,902**  
[13] C

[51] **Int.Cl. B65D 5/60 (2006.01) B65D 5/00 (2006.01) B65D 5/06 (2006.01) B65D 5/08 (2006.01) B65D 5/10 (2006.01) B65D 5/40 (2006.01) B65D 5/468 (2006.01) B65D 5/54 (2006.01) F25D 3/08 (2006.01)**  
[25] EN  
[54] **CARTONS WITH LIQUID-TIGHT RECEPTACLES**  
[54] **CARTONS POURVUS DE RECIPIENTS ETANCHES AUX LIQUIDES**  
[72] GOMES, JEAN-MANUEL, US  
[72] BRAND, KIRSTEN LAURA, US  
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2008-10-31  
[86] 2007-05-18 (PCT/US2007/011906)  
[87] (WO2007/136750)  
[30] US (60/801,525) 2006-05-18

---

[11] **2,651,193**  
[13] C

[51] **Int.Cl. A01N 53/08 (2006.01) A01N 43/40 (2006.01) A01N 51/00 (2006.01) A01P 7/04 (2006.01) A61K 31/215 (2006.01) A61P 33/14 (2006.01)**  
[25] EN  
[54] **HIGH CONCENTRATION TOPICAL INSECTICIDES CONTAINING PYRETHROIDS**  
[54] **INSECTICIDES TOPIQUES A CONCENTRATION ELEVEE CONTENANT DES PYRETHROIDES**  
[72] COTTRELL, IAN W., US  
[72] DORNEVAL, LINDA, US  
[72] AHN, ALBERT, US  
[73] SUMMIT VETPHARM, LLC, US  
[85] 2008-10-28  
[86] 2007-04-27 (PCT/US2007/067699)  
[87] (WO2007/143298)  
[30] US (60/795,677) 2006-04-28

**Canadian Patents Issued  
July 24 2012**

---

[11] **2,653,714**  
[13] C

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/445 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR GENERATING A REVERSE BINARY PATCH**  
[54] **PROCEDE ET SYSTEME DE GENERATION D'UN CORRECTIF BINAIRE INVERSE**  
[72] SCIAN, ANTHONY F., CA  
[72] DAHMS, JOHN F. A., CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[85] 2008-11-25  
[86] 2007-05-31 (PCT/CA2007/000968)  
[87] (WO2008/000061)  
[30] EP (06116082.6) 2006-06-26

---

[11] **2,655,896**  
[13] C

[51] **Int.Cl. B64C 27/54 (2006.01)**  
[25] FR  
[54] **HELICOPTERE MUNI D'UNE PLURALITE D'ELEMENTS SUSTENTATEURS POURVU D'UN VOLET POUR COMMANDER L'INCIDENCE DE SES PALES**  
[54] **HELICOPTER EQUIPPED WITH MULTIPLE ROTORS WITH A FLAP TO CONTROL BLADE INCIDENCE**  
[72] BRINDEJONC, ANNE, FR  
[73] EUROCOPTER, FR  
[22] 2009-02-25  
[30] FR (08 01077) 2008-02-27

---

[11] **2,656,580**  
[13] C

[51] **Int.Cl. A23L 2/02 (2006.01) A23L 2/385 (2006.01) A23L 2/60 (2006.01)**  
[25] EN  
[54] **NON-NUTRITIVE SWEETENED BEVERAGES WITH COCONUT MILK**  
[54] **BOISSONS EDULCOREES NON NUTRITIVES AVEC LAIT DE NOIX DE COCO**  
[72] JOHNSON, WINSOME, US  
[72] BELL, ZENA, US  
[72] LEE, THOMAS, US  
[73] THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND, BM  
[85] 2008-12-29  
[86] 2008-03-14 (PCT/US2008/056961)  
[87] (WO2008/112957)  
[30] US (11/686,240) 2007-03-14

---

[11] **2,656,615**  
[13] C

[51] **Int.Cl. C08L 23/10 (2006.01) C08J 3/22 (2006.01) C08L 23/08 (2006.01)**  
[25] EN  
[54] **THERMOPLASTIC ARTICLES AND PROCESSES FOR MAKING THE SAME USING AN IMPROVED MASTERBATCH**  
[54] **ARTICLES THERMOPLASTIQUES ET PROCEDES DE FABRICATION AU MOYEN D'UN MELANGE MAITRE AMELIORE**  
[72] WEVERS, RONALD, NL  
[72] HOUG, JACOBUS J., NL  
[72] BALLOT, MICHAEL, BE  
[72] KRABENBORG, FRANCISCUS J. T., NL  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2008-12-23  
[86] 2007-06-22 (PCT/US2007/071902)  
[87] (WO2008/002841)  
[30] US (60/806,179) 2006-06-29

---

[11] **2,658,696**  
[13] C

[51] **Int.Cl. C09K 8/68 (2006.01) E21B 43/25 (2006.01) E21B 43/26 (2006.01) F17D 1/16 (2006.01)**  
[25] EN  
[54] **SUBTERRANEAN TREATMENT FLUIDS, FRICTION REDUCING COPOLYMERS, AND ASSOCIATED METHODS**  
[54] **FLUIDES DE TRAITEMENT SOUTERRAIN, COPOLYMERES DE REDUCTION DU FROTTEMENT ET PROCEDES ASSOCIES**  
[72] MCMECHAN, DAVID EUGENE, US  
[72] CHATTERJI, JITEN, US  
[72] KING, KAREN L., US  
[72] HANES, ROBERT, JR., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2009-01-22  
[86] 2007-08-16 (PCT/GB2007/003122)  
[87] (WO2008/020212)  
[30] US (11/504,938) 2006-08-16  
[30] US (11/504,939) 2006-08-16

---

[11] **2,659,126**  
[13] C

[51] **Int.Cl. H01F 27/08 (2006.01) H01F 27/28 (2006.01) H01F 38/00 (2006.01) H02K 11/00 (2006.01)**  
[25] EN  
[54] **INDUCTANCE ASSEMBLY FOR AN ELECTRIC MACHINE**  
[54] **ENSEMBLE D'INDUCTANCES POUR MACHINE ELECTRIQUE**  
[72] CYR, JEAN-MARC, CA  
[72] HOULE, MARTIN, CA  
[72] XU, JIANHONG, CA  
[72] SHI, RUIHENG, CA  
[72] BURSUC, GEORGE, CA  
[72] ROUNDELL, JANE, CA  
[72] MESSIER, FRANCOIS, CA  
[72] RAKOTONIRINA, GABRIEL, CA  
[73] TM4 INC., CA  
[85] 2009-01-27  
[86] 2007-09-10 (PCT/CA2007/001587)  
[87] (WO2008/031200)  
[30] US (60/844,087) 2006-09-13

---

[11] **2,659,968**  
[13] C

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/10 (2006.01)**  
[25] EN  
[54] **REINFORCED ELECTROLYTE MEMBRANE FOR FUEL CELL, METHOD FOR PRODUCING THE MEMBRANE, MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL, AND POLYMER ELECTROLYTE FUEL CELL COMPRISING THE ASSEMBLY**  
[54] **MEMBRANE D'ELECTROLYTE RENFORCEE POUR UNE PILE A COMBUSTIBLE, PROCEDE POUR SA FABRICATION, ENSEMBLE MEMBRANE-ELECTRODE POUR UNE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE DE TYPE POLYMERE SOLIDE AYANT L'ENSEMBLE**  
[72] TAKESHITA, SHINYA, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2009-02-03  
[86] 2007-08-23 (PCT/JP2007/066823)  
[87] (WO2008/026666)  
[30] JP (2006-230556) 2006-08-28

**Brevets canadiens délivrés  
24 July 2012**

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[11] **2,663,044**  
[13] C

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/55 (2006.01) A61K 31/551 (2006.01) A61K 31/553 (2006.01) A61K 31/554 (2006.01) A61P 31/04 (2006.01) C07D 215/233 (2006.01) C07D 413/04 (2006.01) C07D 417/04 (2006.01)**  
[25] EN  
[54] **QUINOLONE CARBOXYLIC ACIDS, DERIVATIVES THEREOF, AND METHODS OF MAKING AND USING SAME**  
[54]  
[72] HARMS, ARTHUR E., US  
[73] BAUSCH & LOMB INCORPORATED, US  
[85] 2009-03-10  
[86] 2007-09-24 (PCT/US2007/079304)  
[87] (WO2008/045673)  
[30] US (60/849,924) 2006-10-06

---

[11] **2,663,117**  
[13] C

[51] **Int.Cl. C09K 8/02 (2006.01)**  
[25] EN  
[54] **INCREASED RATE OF PENETRATION FROM LOW RHEOLOGY WELLBORE FLUIDS**  
[54] **VITESSE ACCRUE DE PENETRATION DE FLUIDES DE PUITES DE FORAGE A FAIBLE RHEOLOGIE**  
[72] BRADBURY, ANDREW, GB  
[72] REID, TODD, CA  
[72] MASSAM, JARROD, GB  
[72] OAKLEY, DOUG, GB  
[73] M-I L.L.C., US  
[85] 2009-03-10  
[86] 2007-06-15 (PCT/US2007/071344)  
[87] (WO2008/033592)  
[30] US (60/825,156) 2006-09-11  
[30] US (11/617,576) 2006-12-28  
[30] US (11/617,031) 2006-12-28  
[30] US (11/741,689) 2007-04-27  
[30] US (11/741,199) 2007-04-27

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[11] **2,664,047**  
[13] C

[51] **Int.Cl. C07C 29/34 (2006.01) C07B 61/00 (2006.01) C07C 31/02 (2006.01) C07C 31/125 (2006.01) C10L 1/02 (2006.01)**  
[25] EN  
[54] **METHOD OF SYNTHESIZING CHEMICAL INDUSTRY RAW MATERIALS AND FUEL COMPOSITIONS**  
[54] **PROCEDE DE SYNTHESE D'UNE MATIERE PREMIERE INDUSTRIELLE CHIMIQUE OU D'UNE COMPOSITION DE COMBUSTIBLE**  
[72] YOSHIOKA, TETSUYA, JP  
[72] KUBO, JUN, JP  
[72] SAKUMA, SHUJI, JP  
[72] TSUCHIDA, TAKASHI, JP  
[73] KABUSHIKI KAISHA SANGI, JP  
[85] 2009-03-19  
[86] 2008-08-25 (PCT/JP2008/002295)  
[87] (WO2009/028166)  
[30] JP (2007-219064) 2007-08-24

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[11] **2,665,294**  
[13] C

[51] **Int.Cl. B01D 53/26 (2006.01) B01D 61/36 (2006.01) B01D 65/00 (2006.01)**  
[25] EN  
[54] **DEHYDRATING SYSTEM**  
[54] **SYSTEME ET PROCEDE DE DESHYDRATATION**  
[72] HIRAYAMA, HARUAKI, JP  
[72] YUKUMOTO, ATSUSHI, JP  
[72] OSORA, HIROYUKI, JP  
[72] OGINO, SHINJI, JP  
[72] SEIKI, YOSHIO, JP  
[72] TANAKA, YUKIO, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2009-05-05

---

[11] **2,666,166**  
[13] C

[51] **Int.Cl. F16K 5/10 (2006.01)**  
[25] EN  
[54] **FLOW ADJUSTMENT VALVE**  
[54] **VANNE DE REGULATION DE DEBIT**  
[72] SCHMIDT, JENS PAGH, DK  
[72] CHRISTENSEN, MORTEN, DK  
[72] MARKVART, ARNE, DK  
[72] RASMUSSEN, BENT KARSTEN, DK  
[72] FISHER, CLAUS, DK  
[72] THERKELSEN, LARS, DK  
[73] DANFOSS A/S, DK  
[85] 2009-04-08  
[86] 2007-10-05 (PCT/DK2007/000433)  
[87] (WO2008/043361)  
[30] DE (10 2006 047 879.7) 2006-10-10

---

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[11] **2,667,047**  
[13] C

[51] **Int.Cl. F23R 3/58 (2006.01) F23R 3/02 (2006.01) F23R 3/06 (2006.01) F23R 3/20 (2006.01) F23R 3/28 (2006.01) F23R 3/42 (2006.01) F23R 3/52 (2006.01)**  
[25] EN  
[54] **GAS TURBINE COMBUSTOR**  
[54] **CHAMBRE DE COMBUSTION DE TURBINE A GAZ**  
[72] YUASA, SABURO, JP  
[72] SAKURAI, TAKASHI, JP  
[72] MINAKAWA, KATSUHIRO, JP  
[72] MURAYAMA, MOTOHIDE, JP  
[73] IHI CORPORATION, JP  
[73] TOKYO METROPOLITAN UNIVERSITY, JP  
[85] 2009-04-20  
[86] 2007-10-17 (PCT/JP2007/070232)  
[87] (WO2008/047825)  
[30] JP (2006-285906) 2006-10-20

---

[11] **2,668,943**  
[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 21/25 (2006.01)**  
[25] EN  
[54] **PHOTONIC CRYSTAL SENSORS WITH INTEGRATED FLUID CONTAINMENT STRUCTURE**  
[54] **CAPTEURS DE CRISTAL PHOTONIQUE POURVUS D'UNE STRUCTURE DE CONFINEMENT DE FLUIDE INTEGREE**  
[72] CHOI, CHARLES, US  
[72] CUNNINGHAM, BRIAN T., US  
[73] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US  
[73] SRU BIOSYSTEMS, INC., US  
[85] 2009-05-07  
[86] 2007-11-06 (PCT/US2007/023408)  
[87] (WO2008/060415)  
[30] US (60/865,093) 2006-11-09

---

Canadian Patents Issued  
July 24 2012

[11] 2,669,273

[13] C

[51] Int.Cl. A61F 13/15 (2006.01) A61F 15/00 (2006.01) B65D 75/58 (2006.01)

[25] EN

[54] WRAPPER HAVING A  
PREDETERMINED LINE OF  
WEAKNESS

[54] BANDE DOTEE D'UNE LIGNE DE  
RUPTURE PREDETERMINEE

[72] HINES, LETHA MARGIE, US

[72] MCCONNELL, KIMBERLY

NICHOLE, US

[73] THE PROCTER & GAMBLE  
COMPANY, US

[85] 2009-05-12

[86] 2007-11-19 (PCT/IB2007/054697)

[87] (WO2008/062362)

[30] US (11/602,112) 2006-11-20

[11] 2,669,280

[13] C

[51] Int.Cl. F02C 9/18 (2006.01) B64D 29/00 (2006.01) F02K 1/54 (2006.01) F15D 1/10 (2006.01)

[25] EN

[54] TURBOFAN GAS TURBINE  
ENGINE AND NACELLE  
ARRANGEMENT

[54] TURBINE A GAZ DE MOTEUR A  
DOUBLE FLUX ET AGENCEMENT DE  
NACELLE

[72] ALECU, DANIEL T., CA

[73] PRATT & WHITNEY CANADA  
CORP., CA

[85] 2009-04-29

[86] 2007-10-22 (PCT/CA2007/001866)

[87] (WO2008/061336)

[30] US (11/561,601) 2006-11-20

[11] 2,669,952

[13] C

[51] Int.Cl. G01N 33/20 (2006.01) G01F 23/00 (2006.01) G01F 23/22 (2006.01)

[25] EN

[54] CONTAINER FOR MOLTEN  
METAL, USE OF THE CONTAINER  
AND METHOD FOR DETERMINING AN  
INTERFACE LAYER

[54] CONTENANT A METAL EN  
FUSION, UTILISATION DU  
CONTENANT ET METHODE DE  
DETERMINATION D'UNE COUCHE  
D'INTERFACE

[72] KENDALL, MARTIN, BE

[73] HERAEUS ELECTRO-NITE  
INTERNATIONAL N.V., BE

[22] 2005-06-14

[62] 2,509,893

[30] DE (10 2004 032561.8) 2004-07-05

[11] 2,672,544

[13] C

[51] Int.Cl. G01S 5/00 (2006.01) G01S 19/13 (2010.01) G01S 19/25 (2010.01) G01S 1/24 (2006.01) G01S 5/02 (2010.01) G01S 5/06 (2006.01)

[25] EN

[54] PORTABLE, ITERATIVE  
GEOLOCATION OF RF EMITTERS  
[54] GEOLOCALISATION ITERATIVE  
D'EMETTEURS RADIO PAR CAPTEUR  
PORTABLE

[72] ANDERSON, ROBERT J., US

[72] LEFEVER, RONALD S., US

[72] BULL, JEFFREY F., US

[73] TRUEPOSITION, INC., US

[85] 2009-06-23

[86] 2007-12-21 (PCT/US2007/026261)

[87] (WO2008/085443)

[30] US (11/616,729) 2006-12-27

[11] 2,673,239

[13] C

[51] Int.Cl. C11D 3/42 (2006.01) C11D 3/40 (2006.01)

[25] EN

[54] LAUNDRY CARE COMPOSITION  
COMPRISED A WHITENING AGENT  
HAVING AN AZO-THIOPHENE OR  
TRIPHENYLMETHANE COLORANT  
MOIETY AND A POLYOXYALKYLENE  
MOIETY

[54] COMPOSITION POUR LAVAGE  
DE LINGE COMPRENANT UN AGENT  
BLANCHISSANT AYANT UNE ENTITE  
COLORANTE D'AZOTHIOPHENE OU  
DE TRIPHENYLMETHANE ET UNE  
ENTITE DE POLYOXYALKYLENE

[72] LOUGHNANE, BRIAN JOSEPH, US

[72] HONG, XIAOYONG MICHAEL, US

[72] STARKS, LEONARD J., US

[72] SADLOWSKI, EUGENE STEVEN, US

[72] KIEKEN, LAURENT D., US

[72] VALENTI, MICHAEL A., US

[72] TORRES, EDUARDO, US

[72] KOTT, KEVIN LEE, US

[72] BAKER, KEITH HOMER, US

[72] VALENTI, DOMINICK J., US

[72] MORRALL, DONNA D'ANGELO, US

[72] CUMMINGS, MICHAEL DAVID, US

[72] SIVIK, MARK ROBERT, US

[72] MOORE, PATRICK D., US

[73] THE PROCTER & GAMBLE  
COMPANY, US

[85] 2009-06-18

[86] 2007-01-19 (PCT/IB2007/050192)

[87] (WO2008/087497)

[11] 2,673,660

[13] C

[51] Int.Cl. C30B 29/20 (2006.01)

[25] EN

[54] SAPPHIRE SUBSTRATES AND  
METHODS OF MAKING SAME  
[54] SUBSTRATS DE SAPHIR, ET  
PROCEDES DE FABRICATION DE  
CEUX-CI

[72] VEDANTHAM, RAMANUJAM, US

[72] CHERIAN, ISAAC K., US

[72] RIZZUTO, ROBERT A., US

[72] CHINNAKARUPPAN,

PALANIAPPAN, US

[72] SIMPSON, MATTHEW A., US

[72] TANIKELLA, BRAHMANANDAM

V., US

[73] SAINT-GOBAIN CERAMICS &  
PLASTICS, INC., US

[85] 2009-06-22

[86] 2007-12-21 (PCT/US2007/088550)

[87] (WO2008/083073)

[30] US (60/882,343) 2006-12-28

[11] 2,673,662

[13] C

[51] Int.Cl. B24B 7/22 (2006.01) H01L 33/00 (2006.01)

[25] EN

[54] SAPPHIRE SUBSTRATES AND  
METHODS OF MAKING SAME

[54] SUBSTRATS DE SAPHIR ET  
PROCEDES DE PRODUCTION DE CES  
D'ERNIERS

[72] TANIKELLA, BRAHMANANDAM

V., US

[72] SIMPSON, MATTHEW A., US

[72] CHINNAKARUPPAN,

PALANIAPPAN, US

[72] VEDANTHAM, RAMANUJAM, US

[72] RIZZUTO, ROBERT A., US

[73] SAINT-GOBAIN CERAMICS &  
PLASTICS, INC., US

[85] 2009-06-22

[86] 2007-12-21 (PCT/US2007/088576)

[87] (WO2008/083081)

[30] US (60/882,348) 2006-12-28

**Brevets canadiens délivrés  
24 July 2012**

---

[11] **2,673,764**  
[13] C

[51] **Int.Cl. F04D 27/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR CONTROLLING A TURBOCOMPRESSOR**  
[54] **PROCEDE DE COMMANDE D'UN TURBOCOMPRESSEUR**  
[72] SERBRUYNS, SVEN BERT, BE  
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE  
[85] 2009-06-25  
[86] 2008-05-07 (PCT/BE2008/000038)  
[87] (WO2008/138075)  
[30] BE (2007/0238) 2007-05-15

---

[11] **2,679,272**  
[13] C

[51] **Int.Cl. A23G 3/26 (2006.01)**  
[25] EN  
[54] **CONFECTIONERY COMPOSITION COMPRISING A XANTHINE DERIVATIVE AND LOW FRUCTOSE**  
[54] **COMPOSITIONS DE CONFISERIE COMPRENANT DES DERIVES DE XANTHINE, ET PEU DE FRUCTOSE**  
[72] ISSE, ABDIKADIR, GB  
[72] MYATT, GRAHAM JOHN, GB  
[72] LORENZI, MARC PAUL, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2009-08-24  
[86] 2008-02-27 (PCT/IB2008/050701)  
[87] (WO2008/104939)  
[30] EP (07004255.1) 2007-03-01

---

[11] **2,682,579**  
[13] C

[51] **Int.Cl. E06B 9/262 (2006.01) E06B 9/326 (2006.01)**  
[25] EN  
[54] **A WINDOW COVERING**  
[54] **COUVRE-FENETRE**  
[72] TZONG FU, LIN, TW  
[73] WHOLESAPCE INDUSTRIES, LTD., TW  
[22] 2009-10-14  
[30] US (61/118,227) 2008-11-26  
[30] US (12/390,952) 2009-02-23  
[30] US (12/486,209) 2009-06-17  
[30] US (12/503,333) 2009-07-15

---

[11] **2,682,815**  
[13] C

[51] **Int.Cl. B21D 7/00 (2006.01) B21D 5/12 (2006.01) B21D 7/08 (2006.01) B21D 7/16 (2006.01)**  
[25] EN  
[54] **METHOD OF MANUFACTURING A BENT PRODUCT AND AN APPARATUS AND A CONTINUOUS LINE FOR MANUFACTURING THE SAME**  
[54] **PROCEDE DE FABRICATION, APPAREIL DE FABRICATION ET APPAREIL DE FABRICATION EN CONTINU DE PRODUITS PLIES**  
[72] KUWAYAMA, SHINJIRO, JP  
[72] KIKUCHI, FUMIHIKO, JP  
[72] SHIMADA, NAOAKI, JP  
[72] TOMIZAWA, ATSUSHI, JP  
[73] SUMITOMO METAL INDUSTRIES, LTD., JP  
[73] SUMITOMO PIPE & TUBE CO., LTD., JP  
[85] 2009-10-02  
[86] 2008-03-31 (PCT/JP2008/056368)  
[87] (WO2008/123505)  
[30] JP (2007-098731) 2007-04-04

---

[11] **2,682,911**  
[13] C

[51] **Int.Cl. B64C 25/42 (2006.01) B64D 45/00 (2006.01)**  
[25] EN  
[54] **BRAKE POSITION SENSOR UNIT**  
[54] **BOITE DE CAPTAGE DE POSITION DE FREIN**  
[72] WALLEN, GREGORY T., US  
[72] MILLER, MARK D., US  
[72] REGAN, JAMES M., US  
[73] HAMILTON SUNDSTRAND CORPORATION, US  
[22] 2009-10-15  
[30] US (61/106,208) 2008-10-17

---

[11] **2,683,574**  
[13] C

[51] **Int.Cl. C09J 5/00 (2006.01)**  
[25] EN  
[54] **HYBRID HOT MELT ADHESIVE OR OTHER THERMOPLASTIC MATERIAL DISPENSING SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION HYBRIDE D'UN ADHESIF THERMOFUSIBLE OU AUTRE MATERIAU THERMOPLASTIQUE**  
[72] BOURGET, DANIEL D., US  
[72] LESSLEY, MEL STEVEN, US  
[73] ILLINOIS TOOL WORKS INC., US  
[85] 2009-10-09  
[86] 2008-05-14 (PCT/US2008/063598)  
[87] (WO2008/150657)  
[30] US (11/806,792) 2007-06-04

---

[11] **2,685,706**  
[13] C

[51] **Int.Cl. A01N 25/16 (2006.01) A61K 8/34 (2006.01) A61K 9/00 (2006.01) A61K 9/12 (2006.01) A61L 2/00 (2006.01) C11D 7/26 (2006.01)**  
[25] EN  
[54] **ANTIMICROBIAL COMPOSITIONS, PRODUCTS, AND METHODS OF USE**  
[54] **COMPOSITIONS ANTIMICROBIENNES, PRODUITS ET PROCEDES D'UTILISATION**  
[72] KUHLMAN, DENNIS EUGENE, US  
[72] HUETTER, THOMAS EDWARD, US  
[72] MARTIN, KELLY LEE, US  
[72] INGLIN, THOMAS ALFRED, US  
[72] COFFINDAFFER, TIMOTHY WOODROW, US  
[72] LEUKART, BRIAN GILBERT, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2009-10-29  
[86] 2008-05-02 (PCT/US2008/062344)  
[87] (WO2008/137632)  
[30] US (60/927,742) 2007-05-04

---

**Canadian Patents Issued  
July 24 2012**

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[11] **2,686,281**  
[13] C

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 17/94 (2006.01)**  
[25] EN  
[54] **TRAJECTORY GUIDES FOR SURGICAL INSTRUMENTS**  
[54] **GUIDES POUR INSTRUMENTS CHIRURGICAUX**  
[72] LIU, HAIYING, US  
[72] BAUER, DEBRA F., US  
[72] TRUWIT, CHARLES L., US  
[73] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[22] 1998-05-15  
[62] 2,289,449  
[30] US (08/856,664) 1997-05-15  
[30] US (08/919,649) 1997-08-28  
[30] US (09/058,092) 1998-04-09  
[30] US (09/078,913) 1998-05-14

---

[11] **2,686,378**  
[13] C

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01) C07D 405/14 (2006.01)**  
[25] EN  
[54] **PYRIMIDINE DERIVATIVES AND COMPOSITIONS AS C-KIT AND PDGFR KINASE INHIBITORS**  
[54] **DERIVES DE PYRIMIDINE ET COMPOSITIONS UTILES EN TANT QU'INHIBITEURS DES KINASES C-KIT ET PDGFR**  
[72] LIU, XIAODONG, US  
[72] MOLteni, VALENTINA, US  
[72] LI, XIAOLIN, US  
[73] IRM LLC, BM  
[85] 2009-11-04  
[86] 2008-05-01 (PCT/US2008/062304)  
[87] (WO2008/137605)  
[30] US (60/916,035) 2007-05-04

---

[11] **2,687,180**  
[13] C

[51] **Int.Cl. C07D 403/12 (2006.01)**  
[25] EN  
[54] **NOVEL AMIDE DERIVATIVE FOR INHIBITING THE GROWTH OF CANCER CELLS**  
[54] **NOUVEAU DERIVE D'AMIDE POUVANT INHIBER LA CROISSANCE DE CELLULES CANCEREUSES**  
[72] KIM, SE YOUNG, KR  
[72] LEE, CHANG GON, KR  
[72] JUNG, YOUNG HEE, KR  
[72] KIM, MI RA, KR  
[72] CHA, MI YOUNG, KR  
[72] KIM, MAENG SUP, KR  
[72] BANG, KEUKCHAN, KR  
[72] AHN, YOUNG-GIL, KR  
[72] KIM, HAN KYONG, KR  
[72] PARK, BUM WOO, KR  
[72] LEE, GWAN SUN, KR  
[72] LEE, KWANG-OK, KR  
[72] CHOI, BO IM, KR  
[72] CHAE, YUN JUNG, KR  
[72] KO, MI YOUNG, KR  
[73] HANMI HOLDINGS CO., LTD., KR  
[85] 2009-11-12  
[86] 2008-06-05 (PCT/KR2008/003162)  
[87] (WO2008/150118)  
[30] KR (10-2007-0054997) 2007-06-05

---

[11] **2,687,734**  
[13] C

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 44/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PERFORMING OILFIELD PRODUCTION OPERATIONS**  
[54] **SYSTEME ET PROCEDE DE REALISATION D'OPERATIONS DE PRODUCTION DE CHAMP PETROLIFERE**  
[72] VAAL, RANDY J., US  
[72] GUTIERREZ, FERNANDO, US  
[72] LUCAS-CLEMENTS, DANIEL COLIN NESBITT, AT  
[72] STUNDNER, MICHAEL, AT  
[72] HOWELL, ANDREW JOHN, CA  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2009-11-19  
[86] 2008-06-05 (PCT/US2008/065964)  
[87] (WO2008/151293)  
[30] US (60/933,181) 2007-06-05  
[30] US (12/133,332) 2008-06-04

---

[11] **2,688,515**  
[13] C

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/96 (2006.01) F01K 19/00 (2006.01)**  
[25] EN  
[54] **CARBON DIOXIDE RECOVERY SYSTEM AND METHOD**  
[54] **METHODE ET SYSTEME POUR RECUPERER DU DIOXYDE DE CARBONE**  
[72] FUJIKAWA, KEIJI, JP  
[72] IMAI, TETSUYA, JP  
[72] OISHI, TSUYOSHI, JP  
[72] IJIMA, MASAKI, JP  
[72] TSUJIUCHI, TATSUYA, JP  
[72] TANAKA, HIROSHI, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2009-12-16  
[30] JP (2009-169322) 2009-07-17

---

[11] **2,689,807**  
[13] C

[51] **Int.Cl. D21H 27/02 (2006.01) D21H 19/66 (2006.01)**  
[25] EN  
[54] **THREE-DIMENSIONAL PRODUCT WITH DYNAMIC VISUAL IMPACT**  
[54] **PRODUIT TRIDIMENSIONNEL A IMPACT VISUEL DYNAMIQUE**  
[72] PRODOEHL, ELLYNE ELIZABETH, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[22] 2004-11-03  
[62] 2,545,051  
[30] US (10/700,131) 2003-11-03

**Brevets canadiens délivrés  
24 July 2012**

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[11] **2,690,226**  
[13] C

[51] **Int.Cl. C07D 307/70 (2006.01) A61K 31/18 (2006.01) A61K 31/192 (2006.01) A61K 31/198 (2006.01) A61K 31/223 (2006.01) A61K 31/235 (2006.01) A61K 31/27 (2006.01) A61K 31/275 (2006.01) A61K 31/341 (2006.01) A61K 31/345 (2006.01) A61K 31/351 (2006.01) A61K 31/36 (2006.01) A61K 31/381 (2006.01) A61K 31/40 (2006.01) A61K 31/4035 (2006.01) A61K 31/404 (2006.01) A61K 31/41 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) A61K 31/4164 (2006.01) A61K 31/4166 (2006.01) A61K 31/4184 (2006.01) A61K 31/4192 (2006.01) A61K 31/42 (2006.01) A61K 31/421 (2006.01) A61K 31/423 (2006.01) A61K 31/426 (2006.01) A61K 31/427 (2006.01) A61K 31/438 (2006.01) A61K 31/44 (2006.01) A61K 31/4402 (2006.01) A61K 31/4406 (2006.01) A61K 31/4409 (2006.01) A61K 31/4439 (2006.01) A61K 31/445 (2006.01) A61K 31/4453 (2006.01) A61K 31/4465 (2006.01) A61K 31/4468 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61K 31/472 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/4965 (2006.01) A61K 31/505 (2006.01) A61K 31/517 (2006.01) A61K 31/519 (2006.01) A61K 31/5375 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01) A61P 25/00 (2006.01) A61P 43/00 (2006.01) C07D 209/08 (2006.01) C07D 211/34 (2006.01) C07D 211/58 (2006.01) C07D 211/62 (2006.01) C07D 211/96 (2006.01) C07D 213/34 (2006.01) C07D 213/56 (2006.01) C07D 213/64 (2006.01) C07D 213/74 (2006.01) C07D 213/75 (2006.01) C07D 213/81 (2006.01) C07D 213/84 (2006.01) C07D 215/18 (2006.01) C07D 215/48 (2006.01) C07D 217/06 (2006.01) C07D 217/16 (2006.01) C07D 221/20 (2006.01) C07D 231/12 (2006.01) C07D 231/14 (2006.01) C07D 233/60 (2006.01) C07D 233/61 (2006.01) C07D 233/72 (2006.01) C07D 235/16 (2006.01) C07D 235/18 (2006.01) C07D 239/28 (2006.01) C07D 249/04 (2006.01) C07D 257/04 (2006.01) C07D 261/18 (2006.01) C07D 263/32 (2006.01) C07D 263/34 (2006.01) C07D 263/58 (2006.01) C07D 277/20 (2006.01) C07D 277/26 (2006.01) C07D 277/30 (2006.01) C07D 277/82 (2006.01) C07D 295/14 (2006.01) C07D 295/16 (2006.01) C07D 295/22 (2006.01) C07D 307/68 (2006.01)**

[25] EN  
[54] **NOVEL MALONIC ACID SULFONAMIDE DERIVATIVE AND PHARMACEUTICAL USE THEREOF**  
[54] **NOUVEAU DERIVE SULFAMIDE**

**D'ACIDE MALONIQUE ET SON USAGE PHARMACEUTIQUE**

[72] TAHARA, SAORI, JP  
[72] KAWASUMI, HISASHI, JP  
[72] SAKASHITA, HIROSHI, JP  
[72] NUMATA, ATSUSHI, JP  
[72] YOSHIDA, TOMOHIRO, JP  
[73] MITSUBISHI TANABE PHARMA CORPORATION, JP  
[85] 2009-12-08  
[86] 2008-06-19 (PCT/JP2008/061248)  
[87] (WO2008/156142)  
[30] JP (2007-163099) 2007-06-20

---

[11] **2,690,483**  
[13] C

[51] **Int.Cl. A61K 31/4402 (2006.01) A61K 31/138 (2006.01) A61K 31/426 (2006.01) A61K 31/428 (2006.01) A61K 31/445 (2006.01) A61K 31/4535 (2006.01) A61K 31/495 (2006.01) A61K 31/5415 (2006.01) A61P 9/12 (2006.01)**

[25] EN  
[54] **THE USE OF ANTI-HISTAMINICS FOR ACUTE REDUCTION OF ELEVATED INTRACRANIAL PRESSURE**  
[54] **UTILISATION D'ANTI-HISTAMINIQUES POUR UNE DIMINUTION AIGUE DE LA PRESSION INTRACRANIENNE ELEVEE**

[72] VAN ROSSEM, KOENRAAD ARTHUR, BE  
[72] GOMEZ-SANCHEZ, ANTONIO, ES  
[72] JANSSENS, FRANS EDUARD, BE  
[72] VAN REEMPTS, JOZEF LEO HENRI, BE  
[72] FERNANDEZ-GADEA, FRANCISCO JAVIER, ES  
[72] LEENAERTS, JOSEPH ELISABETH, BE  
[72] BARTOLOME-NEBRED, JOSE MANUEL, ES  
[72] TEGTMEIER, FRANK, DE  
[72] ALCAZAR-VACA, MANUEL JESUS, ES  
[72] MARTINEZ-JIMENEZ, PEDRO, ES  
[73] JANSSEN PHARMACEUTICA N.V., BE  
[22] 2002-11-22  
[62] 2,467,097  
[30] EP (01204574.6) 2001-11-23

---

[11] **2,693,393**  
[13] C

[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/32 (2006.01) A61F 2/46 (2006.01) B06B 3/00 (2006.01) B29C 65/64 (2006.01)**

[25] EN  
[54] **ULTRASONIC HANDPIECE**  
[54] **PIECE A MAIN A ULTRASON**

[72] SEILER, PHILIP, CH  
[72] SCHWAGER, MANUEL, CH  
[72] DORAWA, KLAUS, DE  
[72] AESCHLIMANN, MARCEL, CH  
[73] STRYKER TRAUMA GMBH, DE  
[85] 2010-01-13  
[86] 2008-07-10 (PCT/EP2008/005657)  
[87] (WO2009/010234)  
[30] EP (07013814.4) 2007-07-13  
[30] US (11/879,047) 2007-07-13

---

[11] **2,693,914**  
[13] C

[51] **Int.Cl. A01C 15/16 (2006.01) A01C 3/06 (2006.01) A01C 19/00 (2006.01)**

[25] EN  
[54] **IMPROVED MANURE-GRINDING FERTILIZER SPREADER**  
[54] **DISTRIBUTEUR D'ENGRAIS OPTIMISE A BROYAGE DE FUMIER**

[72] GAUGHAN, RICKY L., US  
[73] GAUGHAN, RICKY L., US  
[85] 2010-01-15  
[86] 2007-05-14 (PCT/US2007/011499)  
[87] (WO2008/010867)  
[30] US (11/487,895) 2006-07-17

---

[11] **2,695,842**  
[13] C

[51] **Int.Cl. C08L 27/06 (2006.01) B32B 1/08 (2006.01) B32B 27/30 (2006.01) C08J 5/00 (2006.01) C08K 3/04 (2006.01) F16L 9/12 (2006.01)**

[25] EN  
[54] **FIRE-RESISTANT PIPING MATERIAL**  
[54] **MATERIAU DE TUYAUTERIE RESISTANT AU FEU**

[72] ICHIHARA, KOJI, JP  
[72] OKABE, MASASHI, JP  
[72] SANNI, TOSHIFUMI, JP  
[72] KIMURA, HIDEHARU, JP  
[73] SEKISUI CHEMICAL CO., LTD., JP  
[85] 2010-02-04  
[86] 2007-08-29 (PCT/JP2007/066765)  
[87] (WO2009/028057)

Canadian Patents Issued  
July 24 2012

---

[11] 2,696,112  
[13] C  
[51] Int.Cl. B60K 15/035 (2006.01) B60K 15/01 (2006.01) B60K 15/07 (2006.01) B62K 11/00 (2006.01) F02M 25/08 (2006.01) F02M 37/22 (2006.01)  
[25] EN  
[54] EVAPORATED FUEL TREATMENT APPARATUS IN MOTORCYCLE  
[54] DISPOSITIF DE TRAITEMENT DU CARBURANT EVAPORE D'UNE MOTORCYCLETTE  
[72] INAOKA, HIROSHI, JP  
[73] HONDA MOTOR CO., LTD., JP  
[22] 2010-03-05  
[30] JP (2009-076070) 2009-03-26

---

[11] 2,696,721  
[13] C  
[51] Int.Cl. H04H 60/09 (2009.01) H04N 7/64 (2006.01)  
[25] EN  
[54] DIGITAL BROADCASTING SYSTEM AND METHOD OF PROCESSING DATA IN DIGITAL BROADCASTING SYSTEM  
[54] SYSTEME DE RADIODIFFUSION NUMERIQUE ET PROCEDE POUR LE TRAITEMENT DE DONNEES DANS UN TEL SYSTEME  
[72] LEE, CHOON, KR  
[72] SONG, JAE HYUNG, KR  
[72] SUH, JONG YEUL, KR  
[72] KIM, JIN PIL, KR  
[72] CHOI, IN HWAN, KR  
[72] LEE, CHUL SOO, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2010-02-16  
[86] 2008-08-25 (PCT/KR2008/004966)  
[87] (WO2009/028846)  
[30] US (60/957,714) 2007-08-24  
[30] US (60/974,084) 2007-09-21  
[30] US (60/977,379) 2007-10-04  
[30] US (61/044,504) 2008-04-13  
[30] US (61/059,811) 2008-06-09  
[30] US (61/076,686) 2008-06-29  
[30] KR (10-2008-0082929) 2008-08-25

---

[11] 2,697,113  
[13] C  
[51] Int.Cl. B62J 35/00 (2006.01) B60K 15/035 (2006.01) B62J 37/00 (2006.01)  
[25] EN  
[54] ATMOSPHERE-OPENING STRUCTURE FOR CANISTER OF VEHICLE  
[54] STRUCTURE DE PRISE D'ESSENCE POUR LE RESERVOIR D'UN VEHICULE  
[72] YOSHIDA, NAOKI, JP  
[72] HOSOYA, YUKIO, JP  
[72] KAWAME, KAZUNORI, JP  
[72] HATAKEYAMA, SHUHEI, JP  
[73] HONDA MOTOR CO., LTD., JP  
[22] 2010-03-17  
[30] JP (2009-081024) 2009-03-30

---

[11] 2,697,206  
[13] C  
[51] Int.Cl. A23B 7/10 (2006.01) A01D 91/00 (2006.01)  
[25] EN  
[54] METHODS FOR DELAYING MATURITY OF CROPS  
[54] PROCEDES PERMETTANT DE RETARDER LA MATURITE DES RECOLTES  
[72] GRECH, NIGEL M., US  
[73] PLANT PROTECTANTS, LLC, US  
[22] 2010-03-19  
[30] US (61/162,095) 2009-03-20

---

[11] 2,698,699  
[13] C  
[51] Int.Cl. C07B 63/00 (2006.01) B03C 1/01 (2006.01) B03C 1/28 (2006.01)  
[25] EN  
[54] HIGH GRADIENT MAGNETIC SEPARATION OF BIOLOGICAL MATERIAL  
[54] SEPARATION MAGNETIQUE A HAUT GRADIENT DE CHAMP POUR MATERIAU BIOLOGIQUE  
[72] MALASIT, PRIDA, TH  
[72] BHAKDI, SEBASTIAN CHAKRIT, DE  
[73] X-ZELL BIOTECH LTD., TH  
[85] 2010-03-05  
[86] 2008-08-26 (PCT/EP2008/061170)  
[87] (WO2009/033947)  
[30] DE (10 2007 043 281.1) 2007-09-11

---

[11] 2,699,095  
[13] C  
[51] Int.Cl. B04C 5/081 (2006.01) B04C 5/14 (2006.01)  
[25] EN  
[54] CENTRIFUGAL SEPARATOR ASSEMBLY  
[54] ENSEMBLE SEPARATEUR CENTRIFUGE  
[72] LANKINEN, PENTTI, FI  
[73] FOSTER WHEELER ENERGIA OY, FI  
[85] 2010-03-09  
[86] 2008-10-08 (PCT/FI2008/050557)  
[87] (WO2009/047386)  
[30] FI (20075711) 2007-10-08

---

[11] 2,699,217  
[13] C  
[51] Int.Cl. B65D 39/00 (2006.01)  
[25] EN  
[54] CLOSURE/STOPPER WITH MULTI-LAYER FILM AFFIXED THERETO  
[54] FERMETURE/BOUCHON POUR VU D'UN FILM MULTICOUCHE RELIE PAR FIXATION  
[72] MILLER, DARRELL JAMES, US  
[72] DAVIS, LINDSAY HERMAN, US  
[72] KIRCH, MARCO JOSEF OTTO, US  
[72] BARTHOLOMEW, DANIEL ROBERT, US  
[72] AAGAARD, OLAV MARCUS, NL  
[72] THOMPSON, MALCOLM JOSEPH, US  
[73] NOMACORC LLC, US  
[85] 2010-03-10  
[86] 2008-09-11 (PCT/US2008/010701)  
[87] (WO2009/035685)  
[30] US (60/993,492) 2007-09-11

---

[11] 2,699,454  
[13] C  
[51] Int.Cl. A61K 31/575 (2006.01) A61K 31/164 (2006.01) A61P 17/02 (2006.01) A61P 17/14 (2006.01)  
[25] EN  
[54] METHODS FOR INHIBITING TGF- $\beta$ .  
[54] PROCEDES D'INHIBITION DE TGF- $\beta$ .  
[72] HUANG, SHUAN SHIAN, US  
[72] HUANG, JUNG SAN, US  
[73] ST. LOUIS UNIVERSITY, US  
[73] AUXAGEN, INC., US  
[85] 2010-03-10  
[86] 2008-08-27 (PCT/US2008/074446)  
[87] (WO2009/029656)  
[30] US (60/968,097) 2007-08-27

**Brevets canadiens délivrés  
24 July 2012**

---

[11] **2,700,752**  
[13] C

[51] **Int.Cl. B21B 37/28 (2006.01)**  
[25] EN  
[54] **ROLLING DEVICE AND METHOD FOR THE OPERATION THEREOF**  
[54] **DISPOSITIF DE LAMINAGE ET PROCEDE PERMETTANT DE LE FAIRE FONCTIONNER**  
[72] MATHWEIS, DIETRICH, DE  
[72] PAWELSKI, HARTMUT, DE  
[72] RICHTER, HANS-PETER, DE  
[73] SMS SIEMAG AG, DE  
[85] 2010-03-24  
[86] 2008-09-22 (PCT/EP2008/007981)  
[87] (WO2009/043501)  
[30] DE (10 2007 046 189.7) 2007-09-26  
[30] DE (10 2008 015 828.3) 2008-03-27

---

[11] **2,704,366**  
[13] C

[51] **Int.Cl. F02K 1/48 (2006.01) F02K 1/40 (2006.01) F02K 1/82 (2006.01)**  
[25] EN  
[54] **DESWIRLING EXHAUST MIXER**  
[54] **MELANGEUR D'ÉCHAPPEMENT SANS TURBULENCES**  
[72] GIRGIS, SAMI, CA  
[72] GLASSPOOLE, DAVID F., CA  
[73] PRATT & WHITNEY CANADA CORP., CA  
[22] 2010-05-18  
[30] US (12/470893) 2009-05-22

---

[11] **2,704,839**  
[13] C

[51] **Int.Cl. F17C 13/04 (2006.01) F16L 41/02 (2006.01) F17C 13/02 (2006.01) F17D 1/04 (2006.01) F17D 5/02 (2006.01)**  
[25] EN  
[54] **PRESSURE TESTING APPARATUS FOR GAS SERVICE DELIVERY SYSTEMS**  
[54] **APPAREIL D'ESSAI DE PRESSION POUR SYSTEME DE LIVRAISON DU SERVICE DU GAZ**  
[72] YOUNG, THOMAS W., US  
[72] SHAW, JIMMIE B., US  
[73] PRESTO-TAP, LLC, US  
[22] 2002-04-25  
[62] 2,383,482  
[30] US (09/843,955) 2001-04-30

---

---

[11] **2,705,002**  
[13] C

[51] **Int.Cl. B60C 23/04 (2006.01)**  
[25] EN  
[54] **TIRE PRESSURE MONITORING SYSTEM AND PRESSURE MONITORING UNIT**  
[54] **DISPOSITIF DE CONTROLE DE LA PRESSION DES PNEUS ET APPAREIL DE CONTROLE DE LA PRESSION**  
[72] ISOMURA, MAKOTO, JP  
[73] HONDA MOTOR CO., LTD., JP  
[22] 2010-05-26  
[30] JP (2009-128293) 2009-05-27

---

[11] **2,706,103**  
[13] C

[51] **Int.Cl. H04N 7/10 (2006.01) H04N 7/18 (2006.01)**  
[25] EN  
[54] **METHOD OF PROVIDING CUSTOMIZED HOSPITALITY MEDIA FUNCTIONS AT A PLURALITY OF SET-TOP BOXES BEING CONNECTED TO AN RF COAX NETWORK, AND HOSPITALITY MEDIA SYSTEM THEREOF**  
[54] **METHODE PERMETTANT DE FOURNIR DES FONCTIONS PERSONNALISEES MULTIMEDIAS DE FLEXIBILITE A DES BOITIERS DECODEURS MULTIPLES RACCORDES A UN RESEAU COAXIAL RF, ET SYSTEME MULTIMEDIA DEFLEXIBILITE CONNEXE**  
[72] ZIEBART, DARREN, CA  
[72] COURT, GARY, CA  
[72] CASSIDY, BRENDAN, CA  
[72] MCCARTHY, MICHAEL, CA  
[72] KING, BRIAN, CA  
[72] CARRIERE, LINDSEY, CA  
[73] GUEST TEK INTERACTIVE ENTERTAINMENT LTD., CA  
[22] 2010-06-18

---

---

[11] **2,706,544**  
[13] C

[51] **Int.Cl. G02B 3/00 (2006.01) G02B 5/02 (2006.01) G03B 13/24 (2006.01) G03B 21/62 (2006.01)**  
[25] EN  
[54] **OPTICAL COMPONENT AND ILLUMINATION DEVICE**  
[54] **COMPOSANT OPTIQUE ET DISPOSITIF D'ÉCLAIRAGE**  
[72] BRICK, PETER, DE  
[72] MUSCHAWECK, JULIUS, DE  
[72] SCHWALENBERG, SIMON, DE  
[73] OSRAM AG, DE  
[85] 2010-05-21  
[86] 2008-11-19 (PCT/DE2008/001909)  
[87] (WO2009/065389)  
[30] DE (10 2007 056 402.5) 2007-11-23

---

[11] **2,713,837**  
[13] C

[51] **Int.Cl. C12P 19/14 (2006.01) C12P 19/00 (2006.01) D21C 3/00 (2006.01) D21C 5/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR REDUCING ENZYME CONSUMPTION IN SECOND GENERATION BIOETHANOL FERMENTATION IN THE PRESENCE OF LIGNIN**  
[54] **PROCEDES POUR REDUIRE LA CONSOMMATION D'ENZYMES AU COURS DE LA FERMENTATION DE BIOETHANOL DE SECONDE GENERATION EN PRESENCE DE LIGNINE**  
[72] JOERGENSEN, HENNING, DK  
[72] LARSEN, JAN, DK  
[73] INBICON A/S, DK  
[85] 2010-07-30  
[86] 2009-02-02 (PCT/IB2009/000172)  
[87] (WO2009/095781)  
[30] DK (PA 2008 00146) 2008-02-01  
[30] US (61/025,339) 2008-02-01

---

Canadian Patents Issued  
July 24 2012

---

[11] 2,715,188  
[13] C  
[51] Int.Cl. A63H 19/18 (2006.01) H01F 7/02 (2006.01)  
[25] EN  
[54] TOY VEHICLE MAGNETIC COUPLER  
[54] AIMANT D'ACCOUPLLEMENT DE VEHICULE-JOUET  
[72] DOWD, PAUL, US  
[72] POMERANTZ, MITCHELL P., US  
[72] TOHT, DONALD E., US  
[73] LEARNING CURVE INTERNATIONAL, INC., US  
[22] 2002-05-21  
[62] 2,387,020  
[30] US (09/862,173) 2001-05-21

---

[11] 2,719,484  
[13] C  
[51] Int.Cl. A61H 3/04 (2006.01) B60B 33/00 (2006.01)  
[25] EN  
[54] WALKER APPARATUS AND WHEEL FORK MOUNTING ASSEMBLY  
[54] DEAMBULATEUR ET ENSEMBLE DE MONTAGE DE FOURCHE  
[72] LIU, JULIAN, CA  
[73] EVOLUTION TECHNOLOGIES INC., CA  
[22] 2010-10-29

---

[11] 2,719,491  
[13] C  
[51] Int.Cl. B26D 1/147 (2006.01) B26D 3/08 (2006.01)  
[25] EN  
[54] ROTARY CUTTER AND METHOD FOR MANUFACTURING FIBROUS PRODUCT USING THE SAME  
[54] COUPEUSE ROTATIVE ET METHODE DE FABRICATION DE PRODUITS FIBREUX A L'AIDE DE CETTE MACHINE  
[72] MIYATAKE, TAKASHI, JP  
[72] MIYAUCHI, HIDEAKI, JP  
[73] UNI-CHARM CORPORATION, JP  
[22] 2004-01-14  
[62] 2,455,195  
[30] JP (2003-17849) 2003-01-27

---

---

[11] 2,731,437  
[13] C  
[51] Int.Cl. A47C 9/10 (2006.01) A47C 3/16 (2006.01) A47C 4/00 (2006.01) A47C 5/00 (2006.01)  
[25] EN  
[54] COLLAPSIBLE STOOL FOR EASY STORAGE  
[54] TABOURET REPLIABLE FACILE A RANGER  
[72] TANG, HONGYAN (TANG, JAMES), CN  
[73] THE FHE GROUP INC., CA  
[22] 2011-02-09

---

[11] 2,734,234  
[13] C  
[51] Int.Cl. C12N 5/10 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 1/14 (2006.01) C11B 1/00 (2006.01) C12N 5/04 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)  
[25] EN  
[54] HIGH YIELDING SOYBEAN VARIETY XB09P11  
[54] VARIETE DE SOJA XB09P11 A HAUT RENDEMENT  
[72] HEDGES, BRADLEY R., CA  
[72] GREASON, KARI, CA  
[73] PIONEER HI-BRED INTERNATIONAL, INC., US  
[22] 2011-03-22  
[30] US (13/047,852) 2011-03-15

---

---

[11] 2,741,430  
[13] C  
[51] Int.Cl. F21S 4/00 (2006.01) F21K 99/00 (2010.01)  
[25] EN  
[54] INTEGRALLY FORMED SINGLE PIECE LIGHT EMITTING DIODE LIGHT WIRE AND USES THEREOF  
[54] FIL D'ECLAIRAGE DE DIODE ELECTROLUMINESCENTE MONOBLOC FORME D'UN SEUL TENANT ET UTILISATIONS ASSOCIEES  
[72] LO, PAUL, CN  
[72] LO, TEDDY YEUNG MAN, CN  
[72] LI, EDDIE PING KUEN, CN  
[73] HUIZHOU LIGHT ENGINE LTD., CN  
[85] 2011-04-21  
[86] 2009-01-20 (PCT/EP2009/050581)  
[87] (WO2010/081559)  
[30] US (12/355,655) 2009-01-16

---

---

[11] 2,749,222  
[13] C  
[51] Int.Cl. F16L 21/06 (2006.01) F16L 23/08 (2006.01) F16L 25/14 (2006.01)  
[25] EN  
[54] MECHANICAL PIPE COUPLING HAVING SPACERS  
[54] RACCORD DE TUBE MECANIQUE DOTE D'ENTRETOISES  
[72] DOLE DOUGLAS R., US  
[72] GIBB, JOHN, CA  
[73] VICTAULIC COMPANY, US  
[22] 2005-05-10  
[62] 2,566,697  
[30] US (60/571,596) 2004-05-14

---

---

[11] 2,749,988  
[13] C  
[51] Int.Cl. H01S 3/067 (2006.01) G02B 6/036 (2006.01) H01S 3/0941 (2006.01)  
[25] EN  
[54] TWO-STAGE BRIGHTNESS CONVERTER  
[54] CONVERTISSEUR DE LUMINOSITE A DEUX ETAGES  
[72] MARAN, JEAN-NOEL, CA  
[72] CHATIGNY, STEPHANE, CA  
[73] CORACTIVE HIGH-TECH INC., CA  
[85] 2011-07-18  
[86] 2010-01-19 (PCT/CA2010/000080)  
[87] (WO2010/083595)  
[30] US (61/146,812) 2009-01-23

---

---

[11] 2,754,105  
[13] C  
[51] Int.Cl. A47F 7/28 (2006.01) A47F 7/00 (2006.01)  
[25] EN  
[54] FRAGRANCE TEST BOTTLE DISPLAY FIXTURE  
[54] PRESENTOIR POUR BOUTEILLE D'ECHANTILLON DE PARFUM  
[72] TRINH, NICK Q., US  
[72] SCHAUB, VAUGHAN R., US  
[73] TARGET BRANDS, INC., US  
[22] 2011-10-07  
[30] US (12/901,686) 2010-10-11

---

# Canadian Applications Open to Public Inspection

June 31, 2012 to July 7, 2012

## Demandes canadiennes mises à la disponibilité du public

31 juin 2012 au 7 juillet 2012

---

[21] **2,725,151**  
[13] A1  
[51] **Int.Cl. B08B 1/04 (2006.01) B08B 13/00 (2006.01)**  
[25] EN  
[54] **MOTORIZED CLEANING POWER TOOL**  
[54] **OUTIL DE NETTOYAGE ELECTRIQUE A MOTEUR**  
[72] HOLMES, MARTIN I.M., CA  
[71] HOLMES, MARTIN I.M., CA  
[22] 2011-01-05  
[41] 2012-07-05

---

[21] **2,725,158**  
[13] A1  
[51] **Int.Cl. A63D 15/00 (2006.01)**  
[25] FR  
[54] **NEL SPOTTER**  
[54] **PRODUIT "NEL SPOTTER"**  
[72] GAGNON, NELSON, CA  
[71] GAGNON, NELSON, CA  
[22] 2011-01-05  
[41] 2012-07-05

---

[21] **2,725,957**  
[13] A1  
[51] **Int.Cl. B60C 27/06 (2006.01)**  
[25] EN  
[54] **A NEW KIND OF ANTI-SKID TIRE CHAIN**  
[54] **NOUVELLE SORTE DE CHAINE ANTIDERAPANTE**  
[72] DAYAN, ASHER BEN, IL  
[71] DAYAN, ASHER BEN, IL  
[22] 2011-01-05  
[41] 2012-07-05

---

---

[21] **2,726,761**  
[13] A1  
[51] **Int.Cl. F16L 33/30 (2006.01) F16L 33/22 (2006.01) F16L 37/02 (2006.01)**  
[25] EN  
[54] **PIPE CONNECTOR AND PIPE ASSEMBLY USING SAME**  
[54] **RACCORD DE TUYAUTERIE ET ENSEMBLE DE TUYAUX UTILISANT CELUI-CI**  
[72] WANG, WEN-YING, CN  
[71] GLOBE UNION INDUSTRIAL CORP., TW  
[22] 2011-01-04  
[41] 2012-07-04

---

[21] **2,726,783**  
[13] A1  
[51] **Int.Cl. H04B 7/26 (2006.01)**  
[25] EN  
[54] **CD-SATELLITE**  
[54] **CD-SATELLITE**  
[72] PELLETIER, MARTIN, CA  
[71] PELLETIER, MARTIN, CA  
[22] 2011-01-05  
[41] 2012-07-05

---

[21] **2,726,795**  
[13] A1  
[51] **Int.Cl. B27K 3/52 (2006.01)**  
[25] EN  
[54] **SINGLE STEP CREOSOTE/BORATE WOOD TREATMENT**  
[54] **TRAITEMENT DU BOIS A LA CREOSOTE OU AU BORATE EN UNE SEULE ETAPE**  
[72] MURRAY, GORDON, CA  
[71] STELLA-JONES INC., CA  
[22] 2011-01-06  
[41] 2012-07-03  
[30] US (12/983,580) 2011-01-03

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[21] **2,726,889**  
[13] A1  
[51] **Int.Cl. B01J 29/26 (2006.01)**  
[25] EN  
[54] **CATALYST AND METHOD OF MANUFACTURE**  
[54] **CATALYSEUR ET METHODE DE FABRICATION**  
[72] YIN, MING, US  
[72] SICLOVAN, OLTEA PUICA, US  
[72] LEWIS, LARRY NEIL, US  
[72] MHADESHWAR, ASHISH BALKRISHNA, US  
[72] HANCU, DAN, US  
[72] NORTON, DANIEL GEORGE, US  
[72] WINKLER, BENJAMIN HALE, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-01-06  
[41] 2012-07-06

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[21] **2,727,208**  
[13] A1  
[51] **Int.Cl. F16K 37/00 (2006.01) F16K 31/04 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TESTING A VALVE ACTUATOR**  
[54] **SYSTEME ET PROCEDE D'ESSAI DUN POUSSOIR DE SOUPE**  
[72] MACARTHUR, THOMAS JOSEPH, CA  
[72] TESSIER, HENRI RICHARD, CA  
[72] HANSON, GARTH STEVEN, CA  
[71] CAL-SCAN SERVICES LTD., CA  
[22] 2011-01-07  
[41] 2012-07-07

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**Canadian Applications Open to Public Inspection  
June 31, 2012 to July 7, 2012**

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[21] **2,727,526**  
[13] A1

[51] **Int.Cl. G08G 1/0962 (2006.01) G08G 1/01 (2006.01)**  
[25] FR  
[54] **SYSTEME POUR LA PREVENTION DES ACCIDENTS AUTOMOBILES CAUSES PAR LE NON RESPECT DES REGLES DE LA CIRCULATION, PROCEDE DE FABRICATION ET UTILISATION DU SYSTEME DANS LES VEHICULES**  
[54] **SYSTEM FOR THE PREVENTION OF AUTOMOBILE ACCIDENTS CAUSED BY A FAILURE TO FOLLOW THE RULES OF THE ROAD, AND METHOD OF MAKING USE OF THE SYSTEM IN VEHICLES**  
[72] HUGRON, DENIS, CA  
[72] AUBIN, JEAN-PAUL, CA  
[71] HUGRON, DENIS, CA  
[71] AUBIN, JEAN-PAUL, CA  
[22] 2011-01-07  
[41] 2012-07-07

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[21] **2,727,580**  
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) H04W 4/00 (2009.01) G01G 19/414 (2006.01) G01G 19/52 (2006.01) G01G 21/22 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR WEIGHING AN ITEM ON A MOBILE DEVICE**  
[54] **SYSTEME ET METHODE DE PESEES D'UN ARTICLE SUR UN DISPOSITIF MOBILE**  
[72] LIEU, NHI H., CA  
[71] LIEU, NHI H., CA  
[22] 2011-01-06  
[41] 2012-07-06

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[21] **2,727,638**  
[13] A1

[51] **Int.Cl. F23C 10/28 (2006.01) F26B 23/00 (2006.01)**  
[25] EN  
[54] **OPTIMIZATION OF COMBUSTION PROCESS**  
[54] **OPTIMISATION DU PROCESSUS DE COMBUSTION**  
[72] NGO, DANIEL, CA  
[72] NEMR, KAYLA, CA  
[72] VENAYAK, NAVEEN, CA  
[72] LABIB, LEAH, CA  
[72] KEIRAN, LETWIN A., CA  
[72] HAYCOCK, MEGHAN L., CA  
[72] MAYO, JONATHAN, CA  
[72] BARTLETT, ROBERT F., CA  
[71] KEIRAN, LETWIN A., CA  
[22] 2011-01-05  
[41] 2012-07-05

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[21] **2,727,644**  
[13] A1

[51] **Int.Cl. B25H 3/04 (2006.01) A47G 29/00 (2006.01)**  
[25] EN  
[54] **TOOL HANGER ASSEMBLY**  
[54] **ENSEMBLE PORTE-OUTILS**  
[72] KAO, JUI-CHIEN, TW  
[71] KAO, JUI-CHIEN, TW  
[22] 2011-01-06  
[41] 2012-07-06

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[21] **2,728,045**  
[13] A1

[51] **Int.Cl. E06B 9/42 (2006.01)**  
[25] EN  
[54] **INDEXABLE COUPLER FOR MULTI-BAND ROLLER BLINDS**  
[54] **COUPLEUR INDEXABLE POUR STORES MULTI-BANDES**  
[72] WILLS, NORMAN, CA  
[72] NG, PHILIP, CA  
[71] Z.M.C. METAL COATING INC., CA  
[22] 2011-01-14  
[41] 2012-07-06  
[30] US (12/985,664) 2011-01-06

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[21] **2,728,569**  
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01)**  
[25] EN  
[54] **COMMERCIAL FINANCING PORTAL AND FILTER**  
[54] **PORTAIL FINANCIER COMMERCIAL ET FILTRE**  
[72] SCHERPENISSE, ANTHONY, CA  
[71] SCHERPENISSE, ANTHONY, CA  
[22] 2011-01-06  
[41] 2012-07-06

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[21] **2,728,573**  
[13] A1

[51] **Int.Cl. B25H 3/04 (2006.01) B25H 3/00 (2006.01)**  
[25] EN  
[54] **TOOL HANGER ASSEMBLY**  
[54] **ENSEMBLE PORTE-OUTILS**  
[72] KAO, JUI-CHIEN, TW  
[71] KAO, JUI-CHIEN, TW  
[22] 2011-01-04  
[41] 2012-07-04

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[21] **2,728,577**  
[13] A1

[51] **Int.Cl. F16K 17/26 (2006.01) F16K 3/26 (2006.01) F16K 11/07 (2006.01) F16K 27/12 (2006.01)**  
[25] EN  
[54] **PRESSURE BALANCE VALVE**  
[54] **SOUPAPE D'EQUILIBRAGE DES PRESSIONS**  
[72] LO, TSUNGYI, TW  
[72] WU, MINGCHIA, TW  
[72] CHEN, WEILONG, TW  
[71] GLOBE UNION INDUSTRIAL CORP., TW  
[22] 2011-01-04  
[41] 2012-07-04

---

[21] **2,728,580**  
[13] A1

[51] **Int.Cl. B25H 3/04 (2006.01) B25H 3/00 (2006.01)**  
[25] EN  
[54] **TOOL HANGER ASSEMBLY**  
[54] **ENSEMBLE PORTE-OUTILS**  
[72] KAO, JUI-CHIEN, TW  
[71] KAO, JUI-CHIEN, TW  
[22] 2011-01-04  
[41] 2012-07-04

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**Demandes canadiennes mises à la disponibilité du public**  
**31 juin 2012 au 7 juillet 2012**

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[21] **2,728,628**  
[13] A1

[51] **Int.Cl. F02G 5/00 (2006.01) F01P 3/22 (2006.01)**  
[25] EN  
[54] **THE DEVICE FOR ENERGY RECOVERY FROM MOTOR HEAT LOSSES**  
[54] **DISPOSITIF DE RECUPERATION DES PERTES D'ENERGIE CAUSEES PAR LA DISSIPATION CALORIFIQUE DU MOTEUR**  
[72] JUHAS, MARTIN, CA  
[71] JUHAS, MARTIN, CA  
[22] 2011-01-05  
[41] 2012-07-05

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[21] **2,728,635**  
[13] A1

[51] **Int.Cl. D06N 7/00 (2006.01) A01G 13/02 (2006.01) A63C 19/12 (2006.01) B29B 17/00 (2006.01) B60J 11/00 (2006.01) C08J 11/04 (2006.01) C08L 21/00 (2006.01) E04D 5/08 (2006.01) E04H 4/10 (2006.01)**  
[25] EN  
[54] **HEAVY DUTY GREEN TARPAULIN**  
[54] **BACHE VERTE EXTRA-ROBUSTE**  
[72] CASTEELS, JUDY M., CA  
[71] CASTEELS, JUDY M., CA  
[22] 2011-01-05  
[41] 2012-07-05

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[21] **2,737,023**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR ANNOTATING A DASHBOARD**  
[54] **METHODES ET SYSTEMES D'ANNOTATION D'UN TABLEAU DE BORD**  
[72] MARCHAND, TROY A., CA  
[72] KASHEPAVA, STANISLAV, CA  
[72] SIKLOS, ROBERT E., CA  
[71] DUNDAS DATA VISUALIZATION, INC., CA  
[22] 2011-04-08  
[41] 2012-07-06  
[30] US (61/430,434) 2011-01-06

---

[21] **2,728,630**  
[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01) E21B 4/18 (2006.01) E21B 7/08 (2006.01)**  
[25] EN  
[54] **STEERABLE DEEP DRILLING ROBOT SUITABLE FOR DRILLING GEOTHERMAL BOREHOLES**  
[54] **ROBOT DE FORAGE ORIENTABLE A GRANDE PROFONDEUR CONCU POUR FORER DES Puits GEOTHERMAUX**  
[72] JUHAS, MARTIN, CA  
[71] JUHAS, MARTIN, CA  
[22] 2011-01-05  
[41] 2012-07-05

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[21] **2,730,642**  
[13] A1

[51] **Int.Cl. B65D 47/14 (2006.01) B65D 41/04 (2006.01)**  
[25] EN  
[54] **RESEALABLE BEVERAGE BOTTLE LID**  
[54] **COUVERCLE DE BOUTEILLE A BOISSON POUVANT ETRE REFERME HERMETIQUEMENT**  
[72] LANE, MARVIN, US  
[71] THERMOS L.L.C., US  
[22] 2011-01-31  
[41] 2012-07-04  
[30] US (12/983,994) 2011-01-04

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[21] **2,737,148**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR PROVIDING A DISCUSSION THREAD TO KEY PERFORMANCE INDICATOR INFORMATION**  
[54] **METHODES ET SYSTEMES POUR FOURNIR UN FIL DE DISCUSSION POUR L'INFORMATION SUR LES INDICATEURS CLES DE PERFORMANCE**  
[72] MARCHAND, TROY A., CA  
[72] SIKLOS, ROBERT E., CA  
[72] KASHEPAVA, STANISLAV, CA  
[71] DUNDAS DATA VISUALIZATION, INC., CA  
[22] 2011-04-08  
[41] 2012-07-06  
[30] US (61/430,448) 2011-01-06

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[21] **2,728,633**  
[13] A1

[51] **Int.Cl. A47B 81/00 (2006.01) A47B 19/00 (2006.01) A47B 21/00 (2006.01) A63B 22/02 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE VERTICAL DESK**  
[54] **PUITRE VERTICAL REGLABLE EN HAUTEUR**  
[72] EARLY, LYDIA BELLIA, CA  
[72] EARLY, JOHN T., IV, CA  
[71] EARLY, LYDIA BELLIA, CA  
[71] EARLY, JOHN T., IV, CA  
[22] 2011-01-05  
[41] 2012-07-05

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[21] **2,731,362**  
[13] A1

[51] **Int.Cl. A43B 13/40 (2006.01)**  
[25] EN  
[54] **FITNESS INSOLE**  
[54] **SEMELLE INTERIEURE POUR LE CONDITIONNEMENT PHYSIQUE**  
[72] FUJIKURA, KAZUMI, JP  
[71] FUJIKURA, KAZUMI, JP  
[22] 2011-02-09  
[41] 2012-07-07  
[30] CN (201110002785.2) 2011-01-07

---

[21] **2,738,943**  
[13] A1

[51] **Int.Cl. E01C 19/22 (2006.01)**  
[25] EN  
[54] **ROAD CONSTRUCTION APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE CONSTRUCTION DE ROUTES**  
[72] COLLINS, PERRY S., CA  
[71] COLLINS, PERRY S., CA  
[22] 2011-05-02  
[41] 2012-07-05  
[30] US (61/429,921) 2011-01-05

**Canadian Applications Open to Public Inspection  
June 31, 2012 to July 7, 2012**

---

[21] **2,743,691**  
[13] A1

[51] **Int.Cl. E21B 17/10 (2006.01) F04C 2/107 (2006.01)**  
[25] EN  
[54] **PROGRESSIVE CAVITY PUMP ROD GUIDE**  
[54] **GUIDE DE TIGE DE POMPE A ROTOR HELICOIDAL EXCENTRE**  
[72] KALTWASSER, DARYL, US  
[71] KALTWASSER, DARYL, US  
[22] 2011-06-17  
[41] 2012-07-04  
[30] US (12/984,138) 2011-01-04

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[21] **2,745,937**  
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**  
[25] EN  
[54] **SEED HOPPER FOR SEED METERING SYSTEM HAVING MODULAR SEED METERING UNITS**  
[54] **TREMIE DE SEMOIR POUR SYSTEME DE DOSAGE DE SEMENCES DOTE D'UNITES MODULAIRES DE DOSAGE DE SEMENCES**  
[72] FRIGGSTAD, TERRANCE A., CA  
[71] CNH CANADA, LTD., CA  
[22] 2011-07-11  
[41] 2012-07-06  
[30] US (12/985,483) 2011-01-06

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[21] **2,746,232**  
[13] A1

[51] **Int.Cl. A01C 23/00 (2006.01) A01M 7/00 (2006.01) B05B 12/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING A PLUGGED NOZZLE OF A SPRAYER**  
[54] **PROCEDE ET APPAREIL POUR LA DETECTION D'UNE BUSE OBSTRUEE DANS UN ATOMISEUR**  
[72] ELLINGSON, JON, US  
[72] BASTIN, BRUCE, US  
[72] TOLLEFSRUD, AARON, US  
[71] CNH AMERICAN LLC, US  
[22] 2011-07-14  
[41] 2012-07-05  
[30] US (12/985,135) 2011-01-05

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[21] **2,746,280**  
[13] A1

[51] **Int.Cl. A01B 71/00 (2006.01) G01S 19/14 (2010.01) A01C 7/06 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01) A01C 15/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SIGNALING TO AN OPERATOR OF A FARM IMPLEMENT THAT THE FARM IMPLEMENT IS TRAVERSING A PREVIOUSLY SEEDED AREA**  
[54] **PROCEDE ET APPAREIL POUR SIGNALER AU CONDUCTEUR D'UNE MACHINE AGRICOLE QUE CETTE DERNIERE TRAVERSE UNE AIRE DEJA ENSEMENCEE**  
[72] KOWALCHUK, TREVOR, CA  
[71] CNH CANADA, LTD., CA  
[22] 2011-07-14  
[41] 2012-07-05  
[30] US (12/985,025) 2011-01-05

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[21] **2,746,376**  
[13] A1

[51] **Int.Cl. A01C 7/08 (2006.01) G01S 19/14 (2010.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SIGNALING TO AN OPERATOR OF A FARM IMPLEMENT THAT THE FARM IMPLEMENT IS TRAVERSING A SEEDED AREA**  
[54] **PROCEDE ET APPAREIL POUR SIGNALER AU CONDUCTEUR D'UNE MACHINE AGRICOLE QUE CETTE DERNIERE TRAVERSE UNE AIRE DEJA ENSEMENCEE**  
[72] KOWALCHUK, TREVOR, CA  
[71] CNH CANADA, LTD., CA  
[22] 2011-07-14  
[41] 2012-07-05  
[30] US (12/985,080) 2011-01-05

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[21] **2,747,108**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 9/44 (2006.01)**  
[25] EN  
[54] **RANGE PROGRAMMING USING A SEARCH QUERY**  
[54] **PROGRAMMATION DE LA GAMME UTILISANT UNE INTERROGATION DE RECHERCHE**  
[72] TAM, TERRY, CA  
[72] HOBBS, JEFFREY, CA  
[71] MITEL NETWORKS CORPORATION, CA  
[22] 2011-07-22  
[41] 2012-07-06  
[30] US (12/930481) 2011-01-06  
[30] US (12/930482) 2011-01-06

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[21] **2,747,144**  
[13] A1

[51] **Int.Cl. H04M 1/26 (2006.01) H04M 1/23 (2006.01) H04M 1/253 (2006.01)**  
[25] EN  
[54] **AUTOMATIC KEY PROGRAMMING**  
[54] **PROGRAMMATION AUTOMATIQUE DE TOUCHES**  
[72] TAM, TERRY, CA  
[71] MITEL NETWORKS CORPORATION, CA  
[22] 2011-07-22  
[41] 2012-07-06  
[30] US (12/930480) 2011-01-06

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[21] **2,747,290**  
[13] A1

[51] **Int.Cl. H04L 12/56 (2006.01) H04W 4/00 (2009.01) H04L 12/66 (2006.01)**  
[25] EN  
[54] **CALL PROCESSING TELECOMMUNICATION SYSTEM AND METHODS THEREOF IN A WIFI NETWORK**  
[54] **SYSTEME DE TELECOMMUNICATIONS ET DE TRAITEMENT DES APPELS ET PROCEDES CONNEXES DANS UN RESEAU WI-FI**  
[72] HILLIER, KATAYOUN, CA  
[72] HILLIER, PETER MATTHEW, CA  
[71] MITEL NETWORKS CORPORATION, CA  
[22] 2011-07-25  
[41] 2012-07-07  
[30] US (12/930450) 2011-01-07

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,747,620**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 9/445 (2006.01)**  
[25] EN  
[54] **CONTEXTUAL APPLICATION LAUNCH VIA SEARCH QUERY**  
[54] **LANCEMENT CONTEXTUEL D'APPLICATION PAR UNE INTERROGATION DE RECHERCHE**  
[72] HOBBS, JEFFREY, CA  
[72] TAM, TERRY, CA  
[71] MITEL NETWORKS CORPORATION, CA  
[22] 2011-07-27  
[41] 2012-07-06  
[30] US (12/930481) 2011-01-06

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[21] **2,748,075**  
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**  
[25] EN  
[54] **SEED METERING CASSETTE FOR SEEDING IMPLEMENT**  
[54] **CASSETTE DOSEUSE DE GRAINES POUR SEMOIR**  
[72] FRIGGSTAD, TERRANCE A., CA  
[71] CNH CANADA, LTD., CA  
[22] 2011-08-09  
[41] 2012-07-06  
[30] US (12/985,497) 2011-01-06

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[21] **2,748,120**  
[13] A1

[51] **Int.Cl. A01C 19/00 (2006.01) A01C 7/08 (2006.01) A01C 7/20 (2006.01)**  
[25] EN  
[54] **SEED METERING ASSEMBLY HAVING MODULAR AND INDEPENDENTLY CONTROLLED METERING UNITS**  
[54] **DOSEUSE DE GRAINES POSSEDANT DES UNITES DE MESURE MODULAIRES ET COMMANDEES INDEPENDAMMENT**  
[72] FRIGGSTAD, TERRANCE A., CA  
[71] CNH CANADA, LTD., CA  
[22] 2011-08-09  
[41] 2012-07-06  
[30] US (12/985,437) 2011-01-06

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[21] **2,748,649**  
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SECTIONAL CONTROL OF AIR SEEDER DISTRIBUTION SYSTEM FOR A FARM IMPLEMENT**  
[54] **METHODE ET APPAREIL DE COMMANDE SECTIONNELLE DE SYSTEME DE DISTRIBUTION DE SEMOIR PNEUMATIQUE POUR ACCESSOIRE AGRICOLE**  
[72] FRIGGSTAD, TERRANCE A., CA  
[71] CNH CANADA, LTD., CA  
[22] 2011-08-10  
[41] 2012-07-06  
[30] US (12/985,565) 2011-01-06

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[21] **2,748,706**  
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**  
[25] EN  
[54] **SEED METERING ASSEMBLY FOR FARM IMPLEMENT AND HAVING QUICK-CHANGE CAPABILITY AND SECTIONAL CONTROL**  
[54] **DOSEUSE DE GRAINES POUR ACCESSOIRE AGRICOLE DOTE DE CHANGEMENT RAPIDE ET DE COMMANDE SECTIONNELLE**  
[72] FRIGGSTAD, TERRANCE A., CA  
[71] CNH CANADA, LTD., CA  
[22] 2011-08-10  
[41] 2012-07-06  
[30] US (12/985,584) 2011-01-06

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[21] **2,750,108**  
[13] A1

[51] **Int.Cl. A63B 59/14 (2006.01) B32B 38/06 (2006.01)**  
[25] EN  
[54] **HOCKEY STICK**  
[54] **BATON DE HOCKEY**  
[72] JEAN, MARCEL, CA  
[72] LUSSIER, REMI, CA  
[72] BELANGER, GERMAIN, CA  
[72] GATIEN, DANIEL, CA  
[71] 2946-6380 QUEBEC INC. A/S PRODUCTION P.H. ENR., CA  
[22] 2011-08-16  
[41] 2012-07-06  
[30] US (61/430,360) 2011-01-06

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[21] **2,752,946**  
[13] A1

[51] **Int.Cl. G05B 15/02 (2006.01) G06Q 50/06 (2012.01) H02J 13/00 (2006.01)**  
[25] EN  
[54] **LOW COST AND FLEXIBLE ENERGY MANAGEMENT SYSTEM PROVIDING USER CONTROL ARRANGEMENT IN A PLURALITY OF MODES**  
[54] **SYSTEME DE GESTION DE LA CONSOMMATION D'ENERGIE SOUPLE A FAIBLE COUT DE REVIENT PERMETTANT A L'UTILISATEUR D'EFFECTUER DES CONTROLES SELON PLUSIEURS MODES**  
[72] VENKATAKRISHNAN, NATARAJAN, US  
[72] WATTS, WILLIAM ANTHONY, US  
[72] KOBRAEL, HENRY, US  
[72] EMERY, CATHY DIANE, US  
[72] FINCH, MICHAEL FRANCIS, US  
[72] DRAKE, JEFF DONALD, US  
[72] BINGHAM, DAVID C., US  
[72] NOLAN, KEVIN FARRELLY, US  
[72] BULTMAN, ROBERT MARTEN, US  
[72] WORTHINGTON, TIMOTHY DALE, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-09-22  
[41] 2012-07-03  
[30] US (12/983,471) 2011-01-03

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[21] **2,752,977**  
[13] A1

[51] **Int.Cl. H04L 12/66 (2006.01) H02J 13/00 (2006.01) H04L 29/10 (2006.01)**  
[25] EN  
[54] **LOW COST AND FLEXIBLE ENERGY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE LA CONSOMMATION D'ENERGIE SOUPLE A FAIBLE COUT DE REVIENT**  
[72] WORTHINGTON, TIMOTHY DALE, US  
[72] DRAKE, JEFF DONALD, US  
[72] BINGHAM, DAVID C., US  
[72] VENKATAKRISHNAN, NATARAJAN, US  
[72] FINCH, MICHAEL FRANCIS, US  
[72] BULTMAN, ROBERT MARTEN, US  
[72] KOBRAEL, HENRY, US  
[72] WATTS, WILLIAM ANTHONY, US  
[72] NOLAN, KEVIN FARRELLY, US  
[72] EMERY, CATHY DIANE, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-09-22  
[41] 2012-07-03  
[30] US (12/983,425) 2011-01-03

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[21] **2,752,987**  
[13] A1

[51] **Int.Cl. G05B 15/02 (2006.01) G06Q 50/06 (2012.01) H02J 13/00 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **LOW COST AND FLEXIBLE ENERGY MANAGEMENT SYSTEM WITH A SCHEDULING CAPABILITY**  
[54] **SYSTEME DE GESTION DE LA CONSOMMATION D'ENERGIE SOUPLE, A FAIBLE COUT DE REVIENT, ET A CAPACITE DE PLANIFICATION**  
[72] BULTMAN, ROBERT MARTEN, US  
[72] KOBRAEL, HENRY, US  
[72] WORTHINGTON, TIMOTHY DALE, US  
[72] EMERY, CATHY DIANE, US  
[72] VENKATAKRISHNAN, NATARAJAN, US  
[72] FINCH, MICHAEL FRANCIS, US  
[72] NOLAN, KEVIN FARRELLY, US  
[72] WATTS, WILLIAM ANTHONY, US  
[72] DRAKE, JEFF DONALD, US  
[72] BINGHAM, DAVID C., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-09-22  
[41] 2012-07-03  
[30] US (12/983,446) 2011-01-03

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[21] **2,752,993**  
[13] A1

[51] **Int.Cl. G01R 22/00 (2006.01) G06Q 50/06 (2012.01) G05B 15/02 (2006.01) H02J 13/00 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **LOW COST AND FLEXIBLE ENERGY MANAGEMENT SYSTEM CONFIGURED IN A UNITARY HOUSING HAVING A DISPLAYLESS CONFIGURATION**  
[54] **SYSTEME DE GESTION DE LA CONSOMMATION D'ENERGIE SOUPLE, A FAIBLE COUT DE REVIENT, ET CONFIGURABLE SANS AFFICHAGE DANS UNE UNITE D'HABITATION**  
[72] KOBRAEL, HENRY, US  
[72] FINCH, MICHAEL FRANCIS, US  
[72] EMERY, CATHY DIANE, US  
[72] VENKATAKRISHNAN, NATARAJAN, US  
[72] WATTS, WILLIAM ANTHONY, US  
[72] DRAKE, JEFF DONALD, US  
[72] BULTMAN, ROBERT MARTEN, US  
[72] WORTHINGTON, TIMOTHY DALE, US  
[72] NOLAN, KEVIN FARRELLY, US  
[72] BINGHAM, DAVID C., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-09-22  
[41] 2012-07-03  
[30] US (12/983,533) 2011-01-03

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[21] **2,752,994**  
[13] A1

[51] **Int.Cl. G06Q 50/06 (2012.01) G01R 22/00 (2006.01) H02J 13/00 (2006.01)**  
[25] EN  
[54] **LOW COST AND FLEXIBLE ENERGY MANAGEMENT SYSTEM AND METHOD FOR TRANSMITTING MESSAGES AMONG A PLURALITY OF COMMUNICATION NETWORKS**  
[54] **SYSTEME DE GESTION DE LA CONSOMMATION D'ENERGIE SOUPLE A FAIBLE COUT DE REVIENT ET PROCEDE POUR TRANSMETTRE DES MESSAGES PARMI UN EVENTAIL DE RESEAUX DE COMMUNICATION**  
[72] KOBRAEL, HENRY, US  
[72] EMERY, CATHY DIANE, US  
[72] NOLAN, KEVIN FARRELLY, US  
[72] FINCH, MICHAEL FRANCIS, US  
[72] VENKATAKRISHNAN, NATARAJAN, US  
[72] WORTHINGTON, TIMOTHY DALE, US  
[72] BULTMAN, ROBERT MARTEN, US  
[72] BINGHAM, DAVID C., US  
[72] WATTS, WILLIAM ANTHONY, US  
[72] DRAKE, JEFF DONALD, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-09-22  
[41] 2012-07-03  
[30] US (12/983,512) 2011-01-03

**Demandes canadiennes mises à la disponibilité du public  
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[21] **2,753,003**  
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) G06Q 50/06 (2012.01) G05B 15/02 (2006.01) H04B 3/54 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **LOW COST AND FLEXIBLE ENERGY MANAGEMENT SYSTEM DEFINED IN A SINGLE UNITARY HOUSING**  
[54] **SYSTEME DE GESTION DE LA CONSOMMATION D'ENERGIE SOUPLE A FAIBLE COUT DE REVIENT DEFINI DANS UNE UNITE D'HABITATION INDIVIDUELLE**  
[72] WORTHINGTON, TIMOTHY DALE, US  
[72] BINGHAM, DAVID C., US  
[72] FINCH, MICHAEL FRANCIS, US  
[72] WATTS, WILLIAM ANTHONY, US  
[72] NOLAN, KEVIN FARRELLY, US  
[72] VENKATAKRISHNAN, NATARAJAN, US  
[72] DRAKE, JEFF DONALD, US  
[72] EMERY, CATHY DIANE, US  
[72] BULTMAN, ROBERT MARTEN, US  
[72] KOBRAEI, HENRY, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-09-22  
[41] 2012-07-03  
[30] US (12/983,488) 2011-01-03

[21] **2,754,477**  
[13] A1

[51] **Int.Cl. C12N 7/00 (2006.01) A61K 39/125 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01) C12Q 1/70 (2006.01) G01N 33/569 (2006.01)**  
[25] EN  
[54] **METHOD FOR SCREENING AND PURIFYING ENTEROVIRUS, METHOD FOR MASS-PRODUCING ENTEROVIRUS, AND METHOD FOR MANUFACTURING ENTEROVIRUS VACCINE**  
[54] **METHODE DE TRIAGE ET DE PURIFICATION D'ENTEROVIRUS, METHODE DE PRODUCTION D'ENTEROVIRUS A GRANDE ECHELLE, ET METHODE DE FABRICATION D'UN VACCIN A ENTEROVIRUS**  
[72] LEI, HUAN-YAO, CN  
[72] LIU, CHIA-MING, CN  
[71] NATIONAL CHENG KUNG UNIVERSITY, TW  
[22] 2011-10-06  
[41] 2012-07-05  
[30] TW (100100378) 2011-01-05

[21] **2,754,755**  
[13] A1

[51] **Int.Cl. A47J 27/00 (2006.01) A47J 37/00 (2006.01) H05B 6/64 (2006.01)**  
[25] EN  
[54] **MICROWAVABLE COOKING IMPLEMENTS AND METHODS FOR CRISPING FOOD ITEMS USING THE SAME**  
[54] **APPAREILS DE CUISSON PAR MICRO-ONDES ET PROCEDES POUR RENDRE CERTAINS ALIMENTS CROUSTILLANTS A L'AIDE DE CELUI-CI**  
[72] LION, MATHIEU, FR  
[71] MASTRAD, FR  
[22] 2011-10-05  
[41] 2012-07-04  
[30] US (12/984,557) 2011-01-04

[21] **2,756,317**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/22 (2006.01) A61B 17/94 (2006.01)**  
[25] EN  
[54] **SURGICAL RETRIEVAL APPARATUS FOR THORACIC PROCEDURES**  
[54] **DISPOSITIF CHIRURGICAL POUR PRELEVEMENTS DANS LE CADRE D'INTERVENTIONS THORACIQUES**  
[72] FLEMING, ALISTAIR IAN, GB  
[72] GROVER, SIMON RODERICK, GB  
[72] GODBOLD, OLIVER BRIAN, GB  
[71] TYCO HEALTHCARE GROUP LP, US  
[22] 2011-10-25  
[41] 2012-07-06  
[30] US (61/430,208) 2011-01-06  
[30] US (13/235,597) 2011-09-19

[21] **2,756,788**  
[13] A1

[51] **Int.Cl. G06F 3/041 (2006.01) H04W 88/02 (2009.01) G06F 3/048 (2006.01) G06F 15/02 (2006.01)**  
[25] EN  
[54] **ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**  
[54] **DISPOSITIF ELECTRONIQUE ET METHODE DE COMMANDE DE CE DERNIER**  
[72] LUKASIK, SUSAN LUCILLE, US  
[72] KUMAR, SURENDER, US  
[72] GRIFFIN, JASON TYLER, CA  
[72] JANO, BASHAR, US  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2011-10-31  
[41] 2012-07-06  
[30] EP (11150335.5) 2011-01-06

[21] **2,756,790**  
[13] A1

[51] **Int.Cl. G06F 3/041 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**  
[25] EN  
[54] **ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**  
[54] **DISPOSITIF ELECTRONIQUE ET METHODE DE COMMANDE DE CE DERNIER**  
[72] GOLOVCHENKO, MYKOLA, US  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2011-10-31  
[41] 2012-07-05  
[30] EP (11150257.1) 2011-01-05

[21] **2,756,949**  
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01)**  
[25] EN  
[54] **LIGHT-PERMEABLE POT AND DECORATIVE TREE USING SUCH POT**  
[54] **POT TRANSLUCIDE ET ARBRE DECORATIF UTILISANT UN TEL POT**  
[72] CAI, JUN HAO, CN  
[71] CAI, JUN HAO, CN  
[22] 2011-11-09  
[41] 2012-07-04  
[30] CN (201120000576.X) 2011-01-04

[21] **2,757,795**  
[13] A1

[51] **Int.Cl. E02F 5/14 (2006.01) B27B 33/12 (2006.01) E02F 3/24 (2006.01) E02F 5/08 (2006.01) F16L 1/06 (2006.01)**  
[25] EN  
[54] **POLYGON-SHAPED CARBIDE TOOL PICK**  
[54] **PIOCHE EN CARBURE EN FORME DE POLYGONE**  
[72] MONYAK, KENNETH, US  
[72] FADER, JOSEPH, AT  
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE  
[22] 2011-11-15  
[41] 2012-07-03  
[30] US (61/429,298) 2011-01-03

**Canadian Applications Open to Public Inspection  
June 31, 2012 to July 7, 2012**

[21] **2,758,766**  
[13] A1

[51] **Int.Cl. G06F 3/00 (2006.01) G01C 17/00 (2006.01) G01V 3/08 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR USING MAGNETOMETER READINGS TO CONTROL ELECTRONIC DEVICES**  
[54] **SYSTEME ET METHODE D'UTILISATION DES LECTURES DE MAGNETOMETRE POUR COMMANDER LES DISPOSITIFS ELECTRONIQUES**  
[72] DODS, JEFFREY ALTON HUGH, CA  
[72] PARCO, ADAM LOUIS, CA  
[72] ALMALKI, NAZIH, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2011-11-18  
[41] 2012-07-05  
[30] EP (11150161.5) 2011-01-05

[21] **2,758,926**  
[13] A1

[51] **Int.Cl. E05C 19/02 (2006.01)**  
[25] EN  
[54] **DEVICE FOR PULLING A DOOR PANEL OR A WINDOW CASEMENT TOWARD THE FRAME**  
[54] **DISPOSITIF POUR TIRER UN PANNEAU DE PORTE OU UN CHASSIS DE FENETRE VERS LE CADRE**  
[72] SYRING, RALPH, DE  
[71] SYRING SCHLIESSYSTEME GMBH, DE  
[22] 2011-11-17  
[41] 2012-07-05  
[30] DE (DE 102011 007 965.3-26) 2011-01-05

[21] **2,761,230**  
[13] A1

[51] **Int.Cl. A47C 9/00 (2006.01) A47C 9/10 (2006.01) A47G 25/84 (2006.01) A63C 3/00 (2006.01) A63C 3/06 (2006.01)**  
[25] EN  
[54] **BENCH FOR TIGHTENING SKATE LACES**  
[54] **BANC DE SERRAGE DE LACETS DE PATINS**  
[72] DAMROW, DAVID R., US  
[71] DAMROW, DAVID R., US  
[22] 2011-12-07  
[41] 2012-07-06  
[30] US (12/985,666) 2011-01-06

[21] **2,761,468**  
[13] A1

[51] **Int.Cl. E04H 4/14 (2006.01) E04F 11/02 (2006.01)**  
[25] EN  
[54] **MODULAR STAIRCASE SYSTEMS**  
[54] **SYSTEMES D'ESCALIERS MODULAIRES**  
[72] RICE, GABRIEL ADAM, US  
[72] GEYMAN, MATTHEW THOMAS, US  
[72] BROOKS, HAROLD ALBERT, US  
[72] OLMSTED, SHAWN MICHAEL, US  
[71] LATHAM POOL PRODUCTS, INC., US  
[22] 2011-12-09  
[41] 2012-07-03  
[30] US (61/429,299) 2011-01-03

[21] **2,762,173**  
[13] A1

[51] **Int.Cl. A47L 9/00 (2006.01) A47L 5/28 (2006.01) A47L 9/32 (2006.01)**  
[25] EN  
[54] **STEERABLE UPRIGHT VACUUM CLEANER**  
[54] **ASPIRATEUR VERTICAL ORIENTABLE**  
[72] CROUCH, JAMES T., US  
[72] MARSH, SAMUEL A., US  
[72] FRY, MICHAEL L., US  
[72] HAWKINS, KYLE A., US  
[71] PANASONIC CORPORATION OF NORTH AMERICA, US  
[22] 2011-12-14  
[41] 2012-07-05  
[30] US (61/429,940) 2011-01-05

[21] **2,762,392**  
[13] A1

[51] **Int.Cl. H04W 4/22 (2009.01) H04W 76/06 (2009.01)**  
[25] EN  
[54] **HANDLING EMERGENCY CALLS ON AN ELECTRONIC DEVICE**  
[54] **GESTION DES APPELS D'URGENCE SUR UN DISPOSITIF ELECTRONIQUE**  
[72] EITEL, ROBERT T., US  
[72] HOLLATZ, MICHAEL CHARLES, US  
[72] VICK, STEVEN, US  
[72] CORMIER, JEAN-PHILIPPE PAUL, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2011-12-15  
[41] 2012-07-04  
[30] EP (11150133.4) 2011-01-04

[21] **2,762,511**  
[13] A1

[51] **Int.Cl. B65H 3/02 (2006.01) B65D 43/22 (2006.01) B65D 55/14 (2006.01) E05B 73/00 (2006.01)**  
[25] EN  
[54] **CONTAINER WITH LATCH**  
[54] **CONTENANT MUNI D'UN MECANISME DE VERROUILLAGE**  
[72] BENSMAN, MARK, IL  
[72] SHITRIT, ELAD HAY, IL  
[71] THE STANLEY WORKS ISRAEL LTD., IL  
[22] 2011-12-20  
[41] 2012-07-05  
[30] US (12/985,027) 2011-01-05

[21] **2,762,631**  
[13] A1

[51] **Int.Cl. H02K 15/085 (2006.01) H02K 3/48 (2006.01)**  
[25] EN  
[54] **METHOD FOR MANUFACTURING A STATOR AND A STATOR BAR, STATOR AND STATOR BAR**  
[54] **METHODE DE FABRICATION D'UN STATOR ET D'UNE BARRE STATORIQUE, STATOR ET BARRE STATORIQUE**  
[72] VEZZOLI, MASSIMILIANO, CH  
[72] STOLL, DIETER, CH  
[72] ANDERTON, ALEXANDER RENE, CH  
[71] ALSTOM HYDRO FRANCE, FR  
[22] 2011-12-22  
[41] 2012-07-05  
[30] EP (11150165.6) 2011-01-05

[21] **2,762,699**  
[13] A1

[51] **Int.Cl. A01K 77/00 (2006.01)**  
[25] EN  
[54] **COVERABLE FISH NET APPARATUS**  
[54] **EPUISETTE COIFFABLE**  
[72] HUME, DANIEL R., CA  
[71] HUME, DANIEL R., CA  
[22] 2011-12-22  
[41] 2012-07-03  
[30] US (12/983,662) 2011-01-03

**Demandes canadiennes mises à la disponibilité du public**  
**31 juin 2012 au 7 juillet 2012**

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[21] **2,762,704**  
[13] A1

[51] **Int.Cl. G01V 3/08 (2006.01) H04W 88/02 (2009.01) G01R 33/06 (2006.01) G06F 1/32 (2006.01) G06F 15/02 (2006.01)**

[25] EN  
[54] **ELECTRONIC DEVICE HAVING AN ELECTRONIC COMPASS ADAPTED TO DETECT WHEN THE DEVICE IS IN A HOLSTER**  
[54] **DISPOSITIF ELECTRONIQUE MUNI D'UNE BOUSSOLE ELECTRONIQUE CONCUE POUR DETECTER SI L'APPAREIL SE TROUVE DANS UN ETUI**

[72] PERTUIT, MICHAEL JOSEPH, US  
[72] FILES, JACE WILLIAM, US  
[72] HOLBEIN, MARC, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2011-12-22  
[41] 2012-07-05  
[30] EP (11150218) 2011-01-05

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[21] **2,762,747**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/30 (2012.01) B60S 5/00 (2006.01)**

[25] EN  
[54] **SYSTEMS AND METHODS FOR HYBRID VEHICLE FUEL PRICE POINT COMPARISONS**  
[54] **SYSTEMES ET PROCEDES POUR EFFECTUER DES COMPARAISONS DE PRIX DU CARBURANT POUR DES VEHICULES HYBRIDES**

[72] HANLEY, JAMES PATRICK, US  
[72] BROWNE, JEFFREY RICHARD, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-12-29  
[41] 2012-07-03  
[30] US (12/983,445) 2011-01-03

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[21] **2,762,761**  
[13] A1

[51] **Int.Cl. H01R 13/05 (2006.01) H01R 4/22 (2006.01)**

[25] EN  
[54] **ELECTRICAL CONTACT WITH EMBEDDED WIRING**  
[54] **CONTACT ELECTRIQUE AVEC CABLAGE ENROBE**

[72] SKIDMORE, ALLYSSA M., US  
[71] HYPERTRONICS CORPORATION, US  
[22] 2011-12-29  
[41] 2012-07-07  
[30] US (61/430,723) 2011-01-07  
[30] US (13/328,986) 2011-12-16

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[21] **2,762,769**  
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) H02B 15/00 (2006.01)**

[25] EN  
[54] **SYSTEMS, METHODS, AND APPARATUS FOR PROVIDING ENERGY MANAGEMENT UTILIZING A POWER METER**  
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR LA PRESTATION DE SERVICES DE GESTION DE LA CONSOMMATION D'ENERGIE AU MOYEN D'UN WATTMETRE**

[72] PAMULAPARTHY, BALAKRISHNA, IN  
[72] VADALI, KANAKA VENKATA SURYA MANOJ KUMAR, IN  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-12-29  
[41] 2012-07-04  
[30] US (12/984,260) 2011-01-04

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[21] **2,762,773**  
[13] A1

[51] **Int.Cl. G08B 23/00 (2006.01) G01R 21/00 (2006.01) G08B 13/00 (2006.01) G08B 21/18 (2006.01) H02J 13/00 (2006.01)**

[25] EN  
[54] **SYSTEMS, METHODS, AND APPARATUS FOR PROVIDING SECURITY SERVICES UTILIZING A SMART UTILITY METER**  
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR LA PRESTATION DE SERVICES DE SECURITE AU MOYEN D'UN COMPTEUR ELECTRIQUE INTELLIGENT**

[72] VADALI, K.V.S. MANOJ KUMAR, IN  
[72] GERDAN, GEORGE PAUL, AU  
[72] PAMULAPARTHY, BALAKRISHNA, IN  
[72] RAMESHCHANDRA, SUPEDA PRAHLADBHAI, IN  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-12-29  
[41] 2012-07-04  
[30] US (12/984,238) 2011-01-04

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[21] **2,762,776**  
[13] A1

[51] **Int.Cl. H02J 3/18 (2006.01) H02J 13/00 (2006.01)**

[25] EN  
[54] **INTEGRATED ELECTRIC METER WITH VAR CAPABILITY**  
[54] **COMPTEUR ELECTRIQUE INTEGRE A CAPACITE DE LECTURE VOLT-AMPERE- REACTIF (VAR)**

[72] VADALI, MANOJ KUMAR, IN  
[72] KRISHNAMOORTHY, HARISH SARMA, US  
[72] ROUAUD, DIDIER GILBERT, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-12-29  
[41] 2012-07-04  
[30] US (12/983,940) 2011-01-04

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[21] **2,762,790**  
[13] A1

[51] **Int.Cl. A61L 2/04 (2006.01)**

[25] EN  
[54] **METHOD OF OPTIMIZING VOLUME UTILIZATION OF AN AUTOCLAVE**  
[54] **PROCEDE D'OPTIMISATION DE L'UTILISATION DU VOLUME D'UN AUTOCLAVE**

[72] MI, JIAN, US  
[72] LEDNICKY, THOMAS, US  
[72] KRAY, NICHOLAS, US  
[72] UPADHYAY, RAM, US  
[72] SINHA, SHATIL, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-12-29  
[41] 2012-07-03  
[30] US (12/983,566) 2011-01-03

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[21] **2,762,795**  
[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01) H04M 3/42 (2006.01)**  
[25] EN  
[54] **MONITORING SYSTEMS AND METHODS FOR PROVIDING REMOTE NOTIFICATION OF AN ELECTRIC VEHICLE STATUS TO A USER**  
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE POUR LA FOURNITURE A L'USAGER DE NOTIFICATIONS A DISTANCE DE L'ETAT D'UN VEHICULE ELECTRIQUE**  
[72] YASKO, CHRISTOPHER CHARLES, US  
[72] VUKOJEVIC, ALEKSANDAR, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2011-12-29  
[41] 2012-07-03  
[30] US (12/983,386) 2011-01-03

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[21] **2,762,859**  
[13] A1

[51] **Int.Cl. F16L 59/147 (2006.01) F16L 9/18 (2006.01) F16L 11/20 (2006.01)**  
[25] EN  
[54] **PRE-STRESSED INSULATED TUBING**  
[54] **TUBE ISOLE PRECONTRAINTE**  
[72] JIA, ZHENYU, CN  
[72] XU, ZHENYU, CN  
[72] CHEN, JI, CN  
[72] PAN, YAOQING, CN  
[72] ZHANG, WEI, CN  
[72] WANG, YI, CN  
[72] WU, YONGNING, CN  
[72] ZHANG, XIAOHUI, CN  
[72] ZHU, JINLI, CN  
[71] GENERAL MACHINERY PLANT OF LIAOHE PETROLEUM EXPLORATION BUREAU OF CNPC, CN  
[22] 2011-12-30  
[41] 2012-07-07  
[30] CN (201110002466.1) 2011-01-07

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[21] **2,762,870**  
[13] A1

[51] **Int.Cl. A47L 9/26 (2006.01) A47L 5/30 (2006.01) A47L 9/04 (2006.01) B65H 75/42 (2006.01)**  
[25] EN  
[54] **NOZZLE ASSEMBLY INCLUDING CORD REEL AND AGITATOR DRIVE MOTOR**  
[54] **ENSEMBLE SUCEUR COMPRENANT UN CORDON A ENROULEUR ET UN MOTEUR D'ENTRAINEMENT D'AGITATEUR**  
[72] PHEGLEY, SHANNON D., US  
[72] HAWKINS, KYLE A., US  
[72] DANT, RYAN T., US  
[72] STRECIWILK, ERIC J., US  
[72] FRY, MICHAEL L., US  
[72] MARSH, SAMUEL A., US  
[71] PANASONIC CORPORATION OF NORTH AMERICA, US  
[22] 2011-12-30  
[41] 2012-07-05  
[30] US (61/429,940) 2011-01-05

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[21] **2,762,796**  
[13] A1

[51] **Int.Cl. G01D 4/02 (2006.01) F21K 99/00 (2010.01) F21S 8/08 (2006.01) G01R 31/27 (2006.01) G08C 19/00 (2006.01)**  
[25] EN  
[54] **REMOTE MONITORING AND CONTROL OF LED BASED STREET LIGHTS**  
[54] **SURVEILLANCE ET COMMANDE A DISTANCE DE REVERBERES A DEL**  
[72] AHMAD, RIZWAN, US  
[71] DIALIGHT CORPORATION, US  
[22] 2011-12-29  
[41] 2012-07-04  
[30] US (12/984,377) 2011-01-04

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[21] **2,762,867**  
[13] A1

[51] **Int.Cl. B64D 39/06 (2006.01) B64D 39/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR A REFUELING DROGUE ASSEMBLY**  
[54] **METHODE ET SYSTEME POUR UN ENSEMBLE CONE DE RAVITAILLEMENT**  
[72] SAGGIO, FRANK, III, US  
[72] TURNER, MARK LAWRENCE, US  
[72] STIMAC, LAWRENCE WILLIAM, US  
[72] FELDMANN, MICHAEL STEVEN, US  
[71] GE AVIATION SYSTEMS LLC, US  
[22] 2011-12-29  
[41] 2012-07-05  
[30] US (12/984,961) 2011-01-05

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[21] **2,762,871**  
[13] A1

[51] **Int.Cl. B02C 4/00 (2006.01)**  
[25] EN  
[54] **GRINDING APPARATUS AND METHODS OF MAKING AND USING SAME**  
[54] **BROYEUR ET PROCEDES POUR SA FABRICATION ET SON UTILISATION**  
[72] MAYS, GARY, US  
[71] MAYS, GARY, US  
[22] 2011-12-30  
[41] 2012-07-04  
[30] US (61/429,661) 2011-01-04

---

[21] **2,762,876**  
[13] A1

[51] **Int.Cl. F16N 31/00 (2006.01) F03D 11/00 (2006.01) F16C 33/66 (2006.01) F16N 19/00 (2006.01)**  
[25] EN  
[54] **REPOSITORY FOR A LUBRICANT**  
[54] **RESERVOIR POUR UN LUBRIFIANT**  
[72] BAUER, OTO, DK  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 2011-12-30  
[41] 2012-07-04  
[30] EP (11150106) 2011-01-04

**Demandes canadiennes mises à la disponibilité du public**  
**31 juin 2012 au 7 juillet 2012**

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[21] **2,762,880**  
[13] A1

[51] **Int.Cl. E04B 2/74 (2006.01) A47B 47/00 (2006.01) A47B 87/00 (2006.01) A47B 96/06 (2006.01) F16M 13/00 (2006.01)**  
[25] EN  
[54] **UPMOUNT OVERHEAD BRACKETS FOR OFFICE PARTITION SYSTEMS**  
[54] **CONSOLES SUPERIEURES POUR ASSEMBLAGE VERTICAL DE SYSTEMES DE CLOISONS**  
[72] HENRIOTT, JAY M., US  
[71] KIMBALL INTERNATIONAL, INC., US  
[22] 2011-12-30  
[41] 2012-07-04  
[30] US (61/429,607) 2011-01-04

---

[21] **2,762,884**  
[13] A1

[51] **Int.Cl. E06B 9/322 (2006.01) A47H 5/14 (2006.01)**  
[25] EN  
[54] **LOCK MECHANISM FOR A COVERING FOR ARCHITECTURAL OPENINGS**  
[54] **MECANISME DE VERROUILLAGE POUR RECOUVREMENT D'OUVERTURES ARCHITECTURALES**  
[72] HAARER, STEVEN R., US  
[72] ANDERSON, RICHARD, US  
[71] HUNTER DOUGLAS INC., US  
[22] 2011-12-30  
[41] 2012-07-04  
[30] US (61/429,532) 2011-01-04  
[30] US (13/339,912) 2011-12-29

---

[21] **2,762,953**  
[13] A1

[51] **Int.Cl. A47L 9/04 (2006.01) A47L 5/30 (2006.01) F16H 7/22 (2006.01)**  
[25] EN  
[54] **BELT SHIFTER MECHANISM**  
[54] **MECANISME POUSSE-COURROIE**  
[72] MARSH, SAMUEL A., US  
[72] FRY, MICHAEL L., US  
[72] HAWKINS, KYLE A., US  
[72] DANT, RYAN T., US  
[72] PHEGLEY, SHANNON D., US  
[71] PANASONIC CORPORATION OF NORTH AMERICA, US  
[22] 2011-12-30  
[41] 2012-07-05  
[30] US (61/429,940) 2011-01-05

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[21] **2,762,963**  
[13] A1

[51] **Int.Cl. G01C 25/00 (2006.01) B64D 43/00 (2006.01)**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE AUTOMATIQUE D'OPERATIONS AERIENNES NECESSITANT UNE GARANTIE DE PERFORMANCE DE NAVIGATION ET DE GUIDAGE**  
[54] **METHOD AND DEVICE FOR AUTOMATED MONITORING OF AIR OPERATIONS REQUIRING GUARANTEED NAVIGATION AND GUIDANCE PERFORMANCE**  
[72] LEGAY, MARTIN, FR  
[72] RAYNAUD, SYLVAIN, FR  
[72] LANTERNA, FLORENT, FR  
[72] NICOLAS, ARNAUD, FR  
[71] AIRBUS OPERATIONS SAS, FR  
[22] 2011-12-23  
[41] 2012-07-05  
[30] FR (11 50073) 2011-01-05

---

[21] **2,762,968**  
[13] A1

[51] **Int.Cl. F16B 33/02 (2006.01) F03D 11/00 (2006.01)**  
[25] EN  
[54] **BOLTED CONNECTION FOR CONNECTING TWO WIND TURBINE COMPONENTS BY BOLTS**  
[54] **RACCORDEMENT BOULONNE POUR JOINDRE DEUX COMPOSANTS DUNE EOLIENNE A L'AIDE DE BOULONS**  
[72] LAURSEN, CHRISTIAN, DK  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 2011-12-30  
[41] 2012-07-04  
[30] EP (11150101) 2011-01-04

---

[21] **2,762,978**  
[13] A1

[51] **Int.Cl. H02K 3/12 (2006.01) F03D 11/00 (2006.01) H02K 3/48 (2006.01)**  
[25] EN  
[54] **STATOR ELEMENT FOR AN ELECTRICAL MACHINE**  
[54] **ELEMENT STATOR POUR UNE MACHINE ELECTRIQUE**  
[72] SEMMER, SILVIO, DK  
[72] STIESDAL, HENRIK, DK  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 2011-12-30  
[41] 2012-07-03  
[30] EP (11150030) 2011-01-03

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[21] **2,763,000**  
[13] A1

[51] **Int.Cl. G10B 3/22 (2006.01) H01H 5/02 (2006.01) H01H 36/00 (2006.01) H01H 51/12 (2006.01)**  
[25] EN  
[54] **LOW-POWER SECTOR-ROTATING TOGGLING ACTUATOR**  
[54] **ACTIONNEUR A BASCULE DE FAIBLE PUISSANCE A ROTATION DE SECTEUR**  
[72] MORONG, WILLIAM H., US  
[71] MORONG, WILLIAM H., US  
[22] 2011-12-28  
[41] 2012-07-03  
[30] US (61/460,465) 2011-01-03

---

[21] **2,763,083**  
[13] A1

[51] **Int.Cl. D03D 15/00 (2006.01) A41D 13/00 (2006.01) A62B 17/00 (2006.01) A62D 5/00 (2006.01) D03D 15/12 (2006.01)**  
[25] EN  
[54] **FLAME RESISTANT FABRIC WITH TRACING YARNS**  
[54] **TISSU ININFLAMMABLE COMPORTANT DES FILS DE TRACAGE**  
[72] LAWSON, WILLIAM L., III, US  
[72] SHIELDS, BRIAN P., US  
[72] HENRY, KIMBERLY M., US  
[71] PBI PERFORMANCE PRODUCTS, INC., US  
[22] 2011-12-22  
[41] 2012-07-05  
[30] US (61/429,915) 2011-01-05  
[30] US (13/333,217) 2011-12-21

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[21] **2,763,094**  
[13] A1

[51] **Int.Cl. B62D 25/20 (2006.01)**  
[25] EN  
[54] **FIBER-REINFORCED FLOOR SYSTEM**  
[54] **PLANCHER RENFORCE DE FIBRES**  
[72] GRIFFIN, PATRICK M., US  
[72] KUNKEL, DAVID P., US  
[71] WABASH NATIONAL, L.P., US  
[22] 2012-01-03  
[41] 2012-07-05  
[30] US (61/430,017) 2011-01-05

---

**Canadian Applications Open to Public Inspection  
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[21] **2,763,104**  
[13] A1

[51] **Int.Cl. G01C 1/00 (2006.01) G01C 21/02 (2006.01)**  
[25] EN  
[54] **DEVICE POSITION METHOD AND APPARATUS USING CELESTIAL OBJECTS**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER LA POSITION D'UN DISPOSITIF A L'AIDE D'OBJETS CELESTES**  
[72] DODS, JEFFREY ALTON HUGH, CA  
[72] OLIVER, ROBERT GEORGE, CA  
[72] ALMALKI, NAZIH, CA  
[72] SNOW, CHRISTOPHER HARRIS, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-01-03  
[41] 2012-07-04  
[30] EP (11150118.5) 2011-01-04

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[21] **2,763,144**  
[13] A1

[51] **Int.Cl. A47L 9/26 (2006.01) A47L 5/30 (2006.01) A47L 9/04 (2006.01) B65H 75/42 (2006.01)**  
[25] EN  
[54] **FLOOR CARE APPARATUS WITH CORD REEL AND NOZZLE ASSEMBLY**  
[54] **APPAREIL D'ENTRETIEN DE PLANCHER DOTE D'UN ENROULEUR DE CORDON ET D'UN ENSEMBLE SUCEUR**  
[72] DANT, RYAN T., US  
[72] HAWKINS, KYLE A., US  
[72] FRY, MICHAEL L., US  
[72] STRECIWILK, ERIC J., US  
[72] PHEGLEY, SHANNON D., US  
[72] MARSH, SAMUEL A., US  
[71] PANASONIC CORPORATION OF NORTH AMERICA, US  
[22] 2012-01-03  
[41] 2012-07-05  
[30] US (61/429,940) 2011-01-05  
[30] US (61/530,085) 2011-09-01

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[21] **2,763,152**  
[13] A1

[51] **Int.Cl. A61B 18/12 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MEASURING CURRENT OF AN ELECTROSURGICAL GENERATOR**  
[54] **SYSTEME ET METHODE DE MESURE DU COURANT D'UN GENERATEUR ELECTROCHIRURGICAL**  
[72] BEHNKE, ROBERT J., II, US  
[71] TYCO HEALTHCARE GROUP LP, US  
[22] 2012-01-04  
[41] 2012-07-05  
[30] US (12/985,063) 2011-01-05

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[21] **2,763,153**  
[13] A1

[51] **Int.Cl. B23K 35/22 (2006.01) B23K 35/36 (2006.01)**  
[25] EN  
[54] **BRAZING METHOD FOR JOINING USING AMORPHOUS SPUTTERED COATING LAYER AS FILLER AND AMORPHOUS BRAZING FILLER FOR THE BRAZING METHOD**  
[54] **METHODE DE BRASAGE CONCUE POUR CREER UN JOINT A L'AIDE D'UNE COUCHE D'ENDUIT AMORPHE DEPOSEE PAR PROJECTION, EN TANT QUE CHARGE, ET CHARGE DE BRASAGE AMORPHE**  
[72] LEE, MIN-KU, KR  
[72] LEE, JUNG-GU, KR  
[72] PARK, JIN-JU, KR  
[72] RHEE, CHANG-KYU, KR  
[71] KOREA HYDRO AND NUCLEAR POWER CO., LTD, KR  
[71] KOREA ATOMIC ENERGY RESEARCH INSTITUTE, KR  
[22] 2012-01-04  
[41] 2012-07-05  
[30] KR (10-2011-0000848) 2011-01-05

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[21] **2,763,154**  
[13] A1

[51] **Int.Cl. B63B 22/00 (2006.01) B63B 21/66 (2006.01) B63B 22/24 (2006.01) B63B 35/00 (2006.01)**  
[25] EN  
[54] **MARINE DEVICE**  
[54] **DISPOSITIF MARITIME**  
[72] DUBOUE, ALEXIS, FR  
[72] VOISIN, NOEL, FR  
[72] GOBIN, MICHAEL, FR  
[72] FIDANI, ALAIN, FR  
[72] TOLLET, STEPHANE, FR  
[71] SERVCEL, FR  
[22] 2012-01-04  
[41] 2012-07-07  
[30] EP (11305020.7) 2011-01-07

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[21] **2,763,159**  
[13] A1

[51] **Int.Cl. G06F 9/46 (2006.01) G06F 3/048 (2006.01)**  
[25] EN  
[54] **PROCESSING USER INPUT EVENTS IN A WEB BROWSER**  
[54] **TRAITEMENT DES EVENEMENTS ENTRES PAR L'UTILISATEUR DANS UN NAVIGATEUR WEB**  
[72] TREAT, ADAM C., US  
[72] FIDLER, ELI J., CA  
[72] NILSSON, KARL A., CA  
[72] MAK, GENEVIEVE E., CA  
[72] TAPUSKA, DAVID F., CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-01-05  
[41] 2012-07-05  
[30] US (12/985,338) 2011-01-05

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,763,176**  
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**  
[25] EN  
[54] **CARBON DIOXIDE SEPARATING AND RECOVERING SYSTEM AND METHOD OF CONTROLLING THE SAME**  
[54] **SYSTEME DE SEPARATION ET DE RECUPERATION DU DIOXYDE DE CARBONE ET METHODE POUR LE CONTROLER**  
[72] KITAMURA, HIDEO, JP  
[72] FUJITA, KOSHITO, JP  
[72] MURAOKA, DAIGO, JP  
[72] SAITO, SATOSHI, JP  
[72] HODOTSUKA, MASATOSHI, JP  
[72] OGAWA, TAKASHI, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2012-01-04  
[41] 2012-07-05  
[30] JP (2011-000727) 2011-01-05  
[30] JP (2011-281295) 2011-12-22

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[21] **2,763,210**  
[13] A1

[51] **Int.Cl. F25B 45/00 (2006.01) F25B 30/02 (2006.01)**  
[25] EN  
[54] **IMPROVED REFRIGERANT COMPENSATOR**  
[54] **COMPENSATEUR DE CHARGE DE REFRIGERANT AMELIORE**  
[72] JIN, DAE-HYUN, US  
[71] ADVANCED DISTRIBUTOR PRODUCTS LLC, US  
[22] 2012-01-04  
[41] 2012-07-04  
[30] US (12/984,247) 2011-01-04

---

[21] **2,763,217**  
[13] A1

[51] **Int.Cl. B67D 7/06 (2010.01)**  
[25] EN  
[54] **DEVICE FOR CONNECTING A STORAGE VAT TO A FEED AND PROCESS FOR MANAGING SUCH CONNECTION**  
[54] **DISPOSITIF POUR RACCORDER UNE CUVE DE STOCKAGE A UNE ALIMENTATION ET PROCESSUS DE GESTION D'UN TEL RACCORDEMENT**  
[72] GALLAND, REGIS, FR  
[71] HYPRED, FR  
[22] 2012-01-04  
[41] 2012-07-05  
[30] FR (1150063) 2011-01-05

---

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[21] **2,763,222**  
[13] A1

[51] **Int.Cl. H04N 21/472 (2011.01) G06F 3/048 (2006.01)**  
[25] EN  
[54] **MEDIA PLAYER NAVIGATION**  
[54] **NAVIGATION DANS UN LECTEUR MULTIMEDIA**  
[72] SHAW, IAN, CA  
[72] MACKENZIE, STEPHEN JAMES, CA  
[71] QNX SOFTWARE SYSTEMS LIMITED, CA  
[22] 2012-01-05  
[41] 2012-07-05  
[30] US (61/426,919) 2011-01-05

---

[21] **2,763,242**  
[13] A1

[51] **Int.Cl. H04W 8/22 (2009.01) H04W 92/08 (2009.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING SUBSCRIBER IDENTITY MODULES ON WIRELESS NETWORKS FOR MACHINE-TO-MACHINE APPLICATIONS**  
[54] **PROCEDE ET SYSTEME DE GESTION DES MODULES DE CONTROLE D'IDENTITE DANS DES RESEAUX SANS FIL POUR DES APPLICATIONS DE MACHINE A MACHINE**  
[72] SELIG, GREGORY W., US  
[72] AIDEE, PATRICK, US  
[71] NUMEREX CORPORATION, US  
[22] 2012-01-06  
[41] 2012-07-07  
[30] US (61/430,763) 2011-01-07

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[21] **2,763,247**  
[13] A1

[51] **Int.Cl. B65D 1/02 (2006.01) B65D 1/40 (2006.01) B65D 23/00 (2006.01)**  
[25] EN  
[54] **HOT FILL CONTAINER WITH VERTICAL TWIST**  
[54] **CONTENEUR DE REMPLISSAGE A CHAUD AVEC TORSION VERTICALE**  
[72] GILL, MATTHEW T., US  
[71] GRAHAM PACKAGING COMPANY, L.P., US  
[71] PEPSICO, INC., US  
[22] 2012-01-06  
[41] 2012-07-06  
[30] US (12/985,843) 2011-01-06

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[21] **2,763,268**  
[13] A1

[51] **Int.Cl. A63F 13/12 (2006.01) A63F 3/06 (2006.01) G07F 17/32 (2006.01)**  
[25] EN  
[54] **ONLINE GAMING WITH EMBEDDED REAL WORLD MONETARY WINS VIA LOTTERIES AND SKILL-BASED WAGERING**  
[54] **JEU EN LIGNE A GAINS MONETAIRES REELS INTEGRES PAR LE TRUCHEMENT DE LOTERIES ET DE PARIS AXES SURLE NIVEAU DES COMPETENCES**  
[72] ROY, SERGE, CA  
[72] RASSIAS, GEORGE, CA  
[72] ROY, ERIC, CA  
[72] SCHULZKE, KEN, CA  
[72] ADAMS, CAMERON, CA  
[72] HEINTZ, TODD, CA  
[72] LAM, JASON, CA  
[72] LUSSIER, LOUIS-PHILIPPE, CA  
[71] INTERPROVINCIAL LOTTERY CORPORATION, CA  
[22] 2012-01-09  
[41] 2012-07-07  
[30] US (61/492,702) 2011-06-02  
[30] US (61/492,644) 2011-06-02  
[30] US (61/430,889) 2011-01-07

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[21] **2,763,274**  
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR VERIFYING A USER FOR AN ONLINE SERVICE**  
[54] **PROCEDE ET SYSTEME DE CONTROLE DE L'IDENTITE D'UN UTILISATEUR POUR UN SERVICE EN LIGNE**  
[72] MAITLAND, JOHN, CA  
[71] PHOTOVERIFIED.COM LTD., CA  
[22] 2012-01-06  
[41] 2012-07-07  
[30] US (12/986,625) 2011-01-07

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Canadian Applications Open to Public Inspection  
June 31, 2012 to July 7, 2012

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[21] **2,763,277**  
[13] A1  
[51] **Int.Cl. A63F 13/12 (2006.01) G06Q 30/02 (2012.01) G06Q 50/10 (2012.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **GAME-PLAYING AND PROVIDING CHARITABLE DONATIONS TO SELECTABLE LOCATIONS**  
[54] **JEU A AFFINITE CARITATIVE AVEC DONS DESTINEE A DES ENDROITS POUVANT ETRE SELECTIONNES**  
[72] GANZ, HOWARD, CA  
[71] GANZ, CA  
[22] 2012-01-06  
[41] 2012-07-07  
[30] US (61/430,718) 2011-01-07  
[30] US (13/343,974) 2012-01-05

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[21] **2,763,284**  
[13] A1  
[51] **Int.Cl. A63F 13/12 (2006.01) A63F 3/06 (2006.01) G07F 17/32 (2006.01)**  
[25] EN  
[54] **LOTTERIZED ONLINE GAMING WITH MULTIPLE VIRTUAL CURRENCIES**  
[54] **JEU EN LIGNE A ELEMENTS DE TYPE LOTERIE A MULTIPLES DEVISES VIRTUELLES**  
[72] ROY, SERGE, CA  
[72] LAM, JASON, CA  
[72] ROY, ERIC, CA  
[72] ADAMS, CAMERON, CA  
[72] RASSIAS, GEORGE, CA  
[72] HEINTZ, TODD, CA  
[72] LUSSIER, LOUIS-PHILIPPE, CA  
[72] SCHULZKE, KEN, CA  
[71] INTERPROVINCIAL LOTTERY CORPORATION, CA  
[22] 2012-01-09  
[41] 2012-07-07  
[30] US (61/492,644) 2011-06-02  
[30] US (61/492,702) 2011-06-02  
[30] US (61/430,889) 2011-01-07

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[21] **2,763,314**  
[13] A1  
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**  
[25] EN  
[54] **CHANGE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DU CHANGEMENT**  
[72] O'KEEFFE, PAUL JOHN, US  
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[22] 2012-01-06  
[41] 2012-07-07  
[30] US (61/430,829) 2011-01-07

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[21] **2,763,318**  
[13] A1  
[51] **Int.Cl. F17D 1/00 (2006.01) F17D 3/18 (2006.01)**  
[25] EN  
[54] **CONTINUOUS GAS SERVICE RESTORATION AND METER CHANGE-OUT SYSTEM**  
[54] **SYSTEME DE REMPLACEMENT DES COMPTEURS ET DE RETABLISSEMENT DU SERVICE CONTINU DU GAZ**  
[72] FISHER, JOHN, US  
[72] SEIFERT, THOMAS, US  
[72] VAN GOSSEN, RONALD G., US  
[72] OGREN, SCOTT, US  
[72] KIM, DANIEL, US  
[72] RUTHERFORD, JAMES, US  
[72] MIDGLEY, GRAHAM, US  
[72] KARASTAMATIS, DIMITRI, US  
[72] WEHNERT, PAUL, US  
[72] MEYER, WINSTON C., US  
[72] ZANDAROSKI, MICHAEL, US  
[72] HAMBRICK, CHRIS, US  
[71] CENTERPOINT ENERGY MOBILE ENERGY SOLUTIONS, INC., US  
[22] 2012-01-05  
[41] 2012-07-07  
[30] US (12/986,840) 2011-01-07

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[21] **2,763,323**  
[13] A1  
[51] **Int.Cl. F25J 1/02 (2006.01)**  
[25] EN  
[54] **CARBON DIOXIDE LIQUEFACTION SYSTEM**  
[54] **SYSTEME DE LIQUEFACTION DE DIOXYDE DE CARBONE**  
[72] SCARBORO, PAUL ROBERTS, JR., US  
[72] FERGUSON, JAMAL ABDUL, US  
[72] ANAND, ASHOK KUMAR, US  
[72] MUTHAIAH, VEERAPPAN, US  
[72] RAJA, HIMANSHU, IN  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2012-01-05  
[41] 2012-07-06  
[30] US (12/986,085) 2011-01-06

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[21] **2,763,326**  
[13] A1  
[51] **Int.Cl. A63F 13/12 (2006.01)**  
[25] EN  
[54] **SYNCHRONIZING SYSTEM FOR GAMEPLAYING**  
[54] **SYSTEME DE SYNCHRONISATION DE JEU**  
[72] GANZ, HOWARD, CA  
[72] BORST, KARL JOSEPH, CA  
[72] LARSEN, JOHN ALEXANDER, CA  
[71] GANZ, CA  
[22] 2012-01-06  
[41] 2012-07-07  
[30] US (61/430,713) 2011-01-07  
[30] US (13/343,955) 2012-01-05

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[21] **2,763,334**  
[13] A1  
[51] **Int.Cl. B64D 43/00 (2006.01) G08G 5/00 (2006.01)**  
[25] EN  
[54] **FLIGHT MANAGEMENT SYSTEM WITH INTEGRATED TACTICAL COMMANDS FOR USE WITH AN AIRCRAFT AND METHOD OF OPERATING SAME**  
[54] **SYSTEME DE GESTION DE VOL A COMMANDEMENTS TACTIQUES INTEGRES POUR AERONEFS ET METHODE D'EXPLOITATION CONNEXE**  
[72] WALTER, RANDY LYNN, US  
[71] GE AVIATION SYSTEMS LLC, US  
[22] 2012-01-05  
[41] 2012-07-07  
[30] US (12/986,838) 2011-01-07

**Demandes canadiennes mises à la disponibilité du public**  
**31 juin 2012 au 7 juillet 2012**

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[21] **2,763,338**  
[13] A1

[51] **Int.Cl. E21D 20/02 (2006.01) E21D 21/00 (2006.01)**  
[25] EN  
[54] **FULLY GROUTED MINE ROOF BOLT WITH EXPANSION ANCHOR**  
[54] **BOULON D'ANCRAGE POUR GALERIES DE MINE RECOUVERT DE COULIS AVEC COQUILLE D'EXPANSION**  
[72] HIDALGO SALGADO, MAURICIO A., CL  
[71] FCI HOLDINGS DELWARE, INC., US  
[22] 2012-01-06  
[41] 2012-07-07  
[30] CL (042-2011) 2011-01-07

---

[21] **2,763,349**  
[13] A1

[51] **Int.Cl. G06F 3/048 (2006.01)**  
[25] EN  
[54] **DEFINITION AND HANDLING OF USER INPUT EVENTS IN A WEB BROWSER**  
[54] **DEFINITION ET GESTION DES EVENEMENTS ENTREES PAR L'UTILISATEUR DANS UN NAVIGATEUR WEB**  
[72] FIDLER, ELI J., CA  
[72] WINKLER, MICHAEL T., US  
[72] MASON, JOSEPH C., CA  
[72] STAIKOS, MATTHEW N., CA  
[72] MAK, GENEVIEVE E., CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-01-05  
[41] 2012-07-05  
[30] US (12/985,337) 2011-01-05

---

[21] **2,763,380**  
[13] A1

[51] **Int.Cl. B08B 17/00 (2006.01) C08J 11/08 (2006.01)**  
[25] EN  
[54] **PROCESS FOR REMOVING POLYMERIC FOULING**  
[54] **PROCEDE POUR ELIMINER DES SALISSURES DE POLYMERE**  
[72] DORTON, MICHAEL R., US  
[72] GARDNER, GARY L., SR., US  
[71] DORTON, MICHAEL R., US  
[71] GARDNER, GARY L., SR., US  
[22] 2012-01-05  
[41] 2012-07-06  
[30] US (13/343,230) 2012-01-04  
[30] US (61/430,401) 2011-01-06

---

---

[21] **2,763,388**  
[13] A1

[51] **Int.Cl. G01M 1/02 (2006.01) F16B 37/08 (2006.01)**  
[25] EN  
[54] **QUICK ADJUSTING NUT, ESPECIALLY FOR ATTACHING A VEHICLE WHEEL TO THE MOUNTING SHAFT OF A BALANCING MACHINE**  
[54] **ECROU A REGLAGE RAPIDE SPECIALEMENT CONCU POUR FIXER LA ROUE D'UN VEHICULE A L'ARBRE DE MONTAGE D'UNE MACHINE D'EQUILIBRAGE**  
[72] WARKOTSCH, DIRK, DE  
[71] HAWEKA AG, DE  
[22] 2012-01-05  
[41] 2012-07-07  
[30] DE (10 2011 008 057.0) 2011-01-07

---

[21] **2,763,499**  
[13] A1

[51] **Int.Cl. F24F 11/00 (2006.01) H01R 11/11 (2006.01)**  
[25] EN  
[54] **A DEVICE EMPLOYABLE IN DIFFERENT CIRCUIT CONFIGURATIONS USING PARALLEL WIRING HARNESSES, A HVAC SYSTEM EMPLOYING THE DEVICE AND A METHOD OF MANUFACTURING A HVAC UNIT**  
[54] **DISPOSITIF UTILISABLE DANS DIVERSES CONFIGURATIONS DE CIRCUITS AU MOYEN DE HARNAIS CABLES EN PARALLELE, SYSTEME DE CVCA UTILISANT CE DISPOSITIF, ET METHODE DE FABRICATION D'UNE UNITE DE CVCA**  
[72] LISBONA, RANDALL L., US  
[71] LENNOX INDUSTRIES INC., US  
[22] 2012-01-04  
[41] 2012-07-05  
[30] US (12/985,129) 2011-01-05

---

---

---

[21] **2,763,515**  
[13] A1

[51] **Int.Cl. H04W 52/04 (2009.01) H04W 88/02 (2009.01) H03H 7/38 (2006.01)**  
[25] EN  
[54] **WIRELESS COMMUNICATIONS DEVICE WITH AN ADJUSTABLE IMPEDANCE MATCHING NETWORK AND ASSOCIATED METHODS**  
[54] **DISPOSITIF DE COMMUNICATION SANS FIL A IMPEDENCE AJUSTABLE POUR S'ADAPTER AU RESEAU ET PROCEDES CONNEXES**  
[72] MUHAMMAD, KHURRAM, US  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-01-03  
[41] 2012-07-04  
[30] EP (11150092.2) 2011-01-04

---

[21] **2,763,530**  
[13] A1

[51] **Int.Cl. F16H 37/08 (2006.01) F16H 48/05 (2012.01) F16H 1/46 (2006.01) F16H 3/50 (2006.01) F16H 48/20 (2012.01)**  
[25] EN  
[54] **DUAL POWER DRIVING SYSTEM WITH EPICYCLE GEAR SETS TRANSMITTED IN SERIES**  
[54] **SYSTEME D'ENTRAINEMENT BI-MODE AVEC JEUX D'ENGRENAGES EPICYCLOIDaux TRANSMIS EN SERIE**  
[72] YANG, TAI-HER, TW  
[71] YANG, TAI-HER, TW  
[22] 2012-01-06  
[41] 2012-07-07  
[30] US (12/986,321) 2011-01-07  
[30] US (13/295,139) 2011-11-14

---

[21] **2,763,535**  
[13] A1

[51] **Int.Cl. H04W 4/12 (2009.01) G06K 9/62 (2006.01) H04L 12/58 (2006.01)**  
[25] EN  
[54] **PERSONAL INFORMATION GUARD**  
[54] **PROTECTEUR DE RENSEIGNEMENTS PERSONNELS**  
[72] COUGHTREY, CHRISTOPHER GLENN, CA  
[72] VANDEN HEUVEL, DAVID NOEL, CA  
[72] ECHEVERRI, OSCAR, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-01-06  
[41] 2012-07-07  
[30] US (12/986,795) 2011-01-07

---

**Canadian Applications Open to Public Inspection  
June 31, 2012 to July 7, 2012**

---

[21] **2,764,343**  
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**  
[25] EN  
[54] **ENHANCED HYDROCARBON RECOVERY FROM LOW MOBILITY RESERVOIRS**  
[54] **RECUPERATION D'HYDROCARBURES AMELIOREE DANS DES RESERVOIRS DE FAIBLE MOBILITE**  
[72] BROWN, DAVID A., US  
[72] NASR, TAWFIK N., US  
[71] CONOCOPHILLIPS COMPANY, US  
[22] 2011-12-19  
[41] 2012-07-04  
[30] US (61/429,628) 2011-01-04

---

[21] **2,774,382**  
[13] A1

[51] **Int.Cl. H04B 7/26 (2006.01) H04W 4/14 (2009.01) G01S 19/13 (2010.01) A01K 27/00 (2006.01) G08C 19/00 (2006.01)**  
[25] EN  
[54] **METHOD, DEVICE, AND COMPUTER PROGRAM FOR MOBILE ASSET TRACKING**  
[54] **METHODE, DISPOSITIF ET PROGRAMME D'ORDINATEUR POUR LE CONTROLE MOBILE DE BIENS**  
[72] JESSOP, GORDON, CA  
[71] JESSOP, GORDON, CA  
[22] 2012-04-13  
[41] 2012-07-05

---

[21] **2,775,130**  
[13] A1

[51] **Int.Cl. A01J 5/007 (2006.01) A01J 5/017 (2006.01) A01J 7/04 (2006.01) B23Q 16/02 (2006.01) B25J 9/16 (2006.01) G01B 11/14 (2006.01)**  
[25] EN  
[54] **AUTOMATED SYSTEM FOR APPLYING DISINFECTANT TO THE TEATS OF DAIRY LIVESTOCK**  
[54] **SYSTEME AUTOMATISE POUR L'APPLICATION D'UN PRODUIT DESINFECTANT SUR LES TRAYONS DES ANIMAUX LAITIERS**  
[72] VAN DER SLUIS, PETER WILLEM, NL  
[72] KOEKOEK, MENNO, NL  
[72] HOFMAN, HENK, NL  
[72] DE RUIJTER, COR, NL  
[71] TECHNOLOGIES HOLDINGS CORP., US  
[22] 2012-04-27  
[41] 2012-07-03  
[30] US (13/095,963) 2011-04-28  
[30] US (13/095,977) 2011-04-28  
[30] US (13/448,897) 2012-04-17  
[30] US (13/448,929) 2012-04-17  
[30] US (13/449,002) 2012-04-17

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[21] **2,775,131**  
[13] A1

[51] **Int.Cl. A47F 5/00 (2006.01) A47B 47/00 (2006.01) A47F 7/02 (2006.01) A47F 7/12 (2006.01)**  
[25] EN  
[54] **END FRAME FOR DISPLAY STRUCTURE**  
[54] **CADRE D'EXTREMITE POUR STRUCTURE DE PRESENTATION**  
[72] STUKENBERG, JOSEPH R., US  
[72] DENBY, SCOTT E., US  
[72] THEISEN, JENNIFER A., US  
[71] TARGET BRANDS, INC., US  
[22] 2012-05-01  
[41] 2012-07-03  
[30] US (13/460,435) 2012-04-30

---

[21] **2,775,132**  
[13] A1

[51] **Int.Cl. A01J 5/017 (2006.01) A01J 5/007 (2006.01) B25J 13/08 (2006.01)**  
[25] EN  
[54] **MILKING BOX WITH ROBOTIC ATTACHER**  
[54] **STALLE DE TRAITE AVEC POSTE ROBOTISE**  
[72] VAN DER SLUIS, PETER WILLEM, NL  
[72] HOFMAN, HENK, NL  
[72] GROENSMA, YPE, NL  
[71] TECHNOLOGIES HOLDINGS CORP., US  
[22] 2012-04-27  
[41] 2012-07-03  
[30] US (13/095,983) 2011-04-28  
[30] US (13/454,490) 2012-04-24  
[30] US (13/454,833) 2012-04-24  
[30] US (13/454,876) 2012-04-24  
[30] US (13/454,670) 2012-04-24  
[30] US (13/454,716) 2012-04-24  
[30] US (13/454,913) 2012-04-24

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[21] **2,775,160**  
[13] A1

[51] **Int.Cl. A47K 3/00 (2006.01) A61H 33/00 (2006.01) H01C 10/50 (2006.01) H01H 13/81 (2006.01)**  
[25] EN  
[54] **RESISTIVE ACTUATION UNIT FOR TUB SYSTEM**  
[54] **ACTIONNEUR RESISTIF POUR SYSTEME DE BAIGNOIRE**  
[72] CIECHANOWSKI, DOMINIQUE, CA  
[72] CASTELLOTE, MIGUEL A., CA  
[71] C.G. AIR SYSTEMES INC., CA  
[22] 2012-04-26  
[41] 2012-07-04  
[30] US (61/479100) 2011-04-26

---

[21] **2,775,167**  
[13] A1

[51] **Int.Cl. E06B 1/70 (2006.01)**  
[25] EN  
[54] **DOOR SILL ASSEMBLY FOR EXTERIOR DOORS**  
[54] **ENSEMBLE DE SEUIL DE PORTE POUR PORTES EXTERIEURES**  
[72] BILODEAU, ANDRE, CA  
[72] KOBAYASHI, TETSUYA, CA  
[72] GILBERT, CLAUDE, CA  
[71] FORIMPEX INC., CA  
[22] 2012-04-20  
[41] 2012-07-04

**Demandes canadiennes mises à la disponibilité du public**  
**31 juin 2012 au 7 juillet 2012**

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[21] **2,775,169**  
[13] A1

[51] **Int.Cl. A01J 5/017 (2006.01) A01J 5/007 (2006.01) A01J 7/04 (2006.01) A01K 1/12 (2006.01) B25J 9/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR USING ROBOTS IN CONJUNCTION WITH A ROTARY MILKING PLATFORM**  
[54] **SYSTEME ET METHODE D'UTILISATION DE ROBOTS CONJOINTEMENT AVEC UNE PLATE-FORME DE TRAITE ROTATIVE**  
[72] KOEKOEK, MENNO, NL  
[72] DE RUIJTER, COR, NL  
[72] HOFMAN, HENK, NL  
[72] VAN DER SLUIS, PETER WILLEM, NL  
[72] STEINGRABER, GARY C., US  
[71] TECHNOLOGIES HOLDINGS CORP., US  
[22] 2012-04-30  
[41] 2012-07-04  
[30] US (13/449,951) 2012-04-18

---

[21] **2,775,177**  
[13] A1

[51] **Int.Cl. A01J 5/017 (2006.01) A01J 5/007 (2006.01) A01J 7/02 (2006.01) A01J 7/04 (2006.01) B25J 13/08 (2006.01)**  
[25] EN  
[54] **MILKING BOX WITH ROBOTIC ATTACHER**  
[54] **STALLE DE TRAITE EQUIPEE D'UN ROBOT DE POSE**  
[72] DE RUIJTER, COR, NL  
[72] KOEKOEK, MENNO, NL  
[72] VAN DER SLUIS, PETER WILLEM, NL  
[72] HOFMAN, HENK, NL  
[71] TECHNOLOGIES HOLDINGS CORP., US  
[22] 2012-04-27  
[41] 2012-07-04  
[30] US (13/095,983) 2011-04-28  
[30] US (13/448,993) 2012-04-17  
[30] US (13/449,056) 2012-04-17  
[30] US (13/448,951) 2012-04-17  
[30] US (13/449,105) 2012-04-17  
[30] US (13/449,142) 2012-04-17  
[30] US (13/449,162) 2012-04-17  
[30] US (13/449,173) 2012-04-17  
[30] US (13/448,882) 2012-04-17

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[21] **2,775,240**  
[13] A1

[51] **Int.Cl. E03C 1/22 (2006.01) A47K 3/02 (2006.01)**  
[25] EN  
[54] **DRAIN SYSTEM FOR BATHTUB WITH DOOR**  
[54] **SYSTEME DE VIDANGE POUR BAIGNOIRE A PORTE**  
[72] CASTELLOTE, MIGUEL A., CA  
[72] CASTELLOTE-CIECHANOWSKI, JONATHAN, CA  
[72] CIECHANOWSKI, DOMINIQUE, CA  
[71] C.G. AIR SYSTEMES INC., CA  
[22] 2012-04-26  
[41] 2012-07-04  
[30] US (61/478071) 2011-04-26

---

[21] **2,775,252**  
[13] A1

[51] **Int.Cl. A01K 1/12 (2006.01) A01J 5/007 (2006.01) A01J 5/017 (2006.01)**  
[25] EN  
[54] **ARRANGEMENT OF MILKING BOX STALLS**  
[54] **AGENCEMENT DE STALLES DE TRAITE**  
[72] HOFMAN, HENK, NL  
[72] KOEKOEK, MENNO, NL  
[72] MILLS, MICHAEL A., US  
[72] DE RUIJTER, COR, NL  
[72] VAN DER SLUIS, PETER WILLEM, NL  
[71] TECHNOLOGIES HOLDINGS CORP., US  
[22] 2012-04-30  
[41] 2012-07-04  
[30] US (13/095,983) 2011-04-28  
[30] US (13/451,248) 2012-04-19

---

[21] **2,775,393**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/4196 (2006.01) A61K 47/10 (2006.01) A61K 47/20 (2006.01) A61P 31/00 (2006.01) A61P 31/10 (2006.01)**  
[25] EN  
[54] **TOPICAL NON-AQUEOUS PHARMACEUTICAL FORMULATIONS**  
[54] **FORMULATIONS PHARMACEUTIQUES TOPIQUES NON AQUEUSES**  
[72] SAAD, SAMY, CA  
[71] SAAD, SAMY, CA  
[22] 2012-05-02  
[41] 2012-07-06

---

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[21] **2,775,395**  
[13] A1

[51] **Int.Cl. G01B 11/00 (2006.01) A01J 5/017 (2006.01) G01B 11/245 (2006.01)**  
[25] EN  
[54] **VISION SYSTEM FOR ROBOTIC ATTACHER**  
[54] **SYSTEME DE VISION POUR ROBOT DE POSE**  
[72] KOEKOEK, MENNO, NL  
[72] DE RUIJTER, COR, NL  
[72] VAN DER SLUIS, PETER WILLEM, NL  
[72] HOFMAN, HENK, NL  
[71] TECHNOLOGIES HOLDINGS CORP., US  
[22] 2012-04-27  
[41] 2012-07-06  
[30] US (13/095,994) 2011-04-28  
[30] US (13/448,571) 2012-04-17  
[30] US (13/448,799) 2012-04-17  
[30] US (13/448,840) 2012-04-17  
[30] US (13/448,873) 2012-04-17  
[30] US (13/448,913) 2012-04-17

**Canadian Applications Open to Public Inspection  
June 31, 2012 to July 7, 2012**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

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[21] **2,746,692**  
[13] A1  
[51] **Int.Cl. E04B 2/86 (2006.01)**  
[25] FR  
[54] **BLOC A BANCHER PLIABLE  
POUR LA CONSTRUCTION DE MURS**  
[54] **FOLDABLE FORM PANEL BLOCK  
FOR BUILDING WALLS**  
[72] CICCARELLI, GIANFRANCO, FR  
[71] GIANFRANCO CICCARELLI  
(ENTREPRISE INDIVIDUELLE), FR  
[85] 2011-06-10  
[86] 2009-12-10 (PCT/FR2009/001408)  
[87] 2010-07-08 (WO2010/076410)  
[30] FR (08 07019) 2008-12-15

---

[21] **2,760,964**  
[13] A1  
[51] **Int.Cl. A24F 15/20 (2006.01) A24F 15/  
00 (2006.01) B65D 85/10 (2006.01)**  
[25] EN  
[54] **CONTAINER**  
[54] **RECIPIENT**  
[72] LAFORGE, JEAN MARC, FR  
[71] BRITISH AMERICAN TOBACCO  
(HOLDINGS) LIMITED, GB  
[85] 2011-11-03  
[86] 2010-04-08 (PCT/EP2010/054671)  
[87] 2010-11-18 (WO2010/130509)  
[30] GB (0908277.7) 2009-05-14

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[21] **2,770,220**  
[13] A1  
[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/98  
(2006.01) A61Q 19/10 (2006.01)**  
[25] EN  
[54] **PERSONAL CLEANSING  
COMPOSITIONS COMPRISING A  
BACTERIAL CELLULOSE NETWORK  
AND CATIONIC POLYMER**  
[54] **COMPOSITIONS D'HYGIENE  
CORPORELLE COMPRENANT UN  
RESEAU DE CELLULOSE  
BACTERIENNE ET UN POLYMERE  
CATIONIQUE**  
[72] KYTE, KENNETH EUGENE, III, US  
[72] SMITH, EDWARD DEWEY, III, US  
[72] MCCONAUGHY, SHAWN D., US  
[72] HEATH, BENJAMIN PARKER, US  
[72] COFFINDAFFER, TIMOTHY  
WOODROW, US  
[71] THE GILLETTE COMPANY, US  
[85] 2012-02-03  
[86] 2010-08-12 (PCT/US2010/045272)  
[87] 2011-02-17 (WO2011/019876)  
[30] US (61/233,976) 2009-08-14

---

[21] **2,770,350**  
[13] A1  
[51] **Int.Cl. A61K 8/86 (2006.01) A61K 8/34  
(2006.01) A61K 8/55 (2006.01) A61K 8/73  
(2006.01) A61Q 5/08 (2006.01) A61Q 5/10  
(2006.01)**  
[25] EN  
[54] **THICKENED HAIR COLOURANT  
AND BLEACHING COMPOSITIONS**  
[54] **COMPOSITIONS DE  
COLORATION ET DE  
DECOLORATION DES CHEVEUX  
EPAISSIES**  
[72] BUREIKO, ANDREI SERGEEVICH,  
GB  
[72] SCHMENGER, JUERGEN, DE  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2012-02-07  
[86] 2010-09-15 (PCT/US2010/048839)  
[87] 2011-03-24 (WO2011/034868)  
[30] EP (09170756.2) 2009-09-18  
[30] EP (10175993.4) 2010-09-09

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[21] **2,770,782**  
[13] A1  
[51] **Int.Cl. F03B 3/02 (2006.01) F03B 11/  
00 (2006.01)**  
[25] EN  
[54] **HYDRAULIC POWER  
GENERATING APPARATUS**  
[54] **APPAREIL DE GENERATION DE  
PUISSANCE HYDRAULIQUE**  
[72] UNNO, YUJI, JP  
[71] UNNO, YUJI, JP  
[85] 2012-03-06  
[86] 2011-09-01 (PCT/JP2011/069889)  
[87] 2012-07-07 (WO/)  
[30] JP (2011-111809) 2011-05-18

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[21] **2,772,119**  
[13] A1  
[51] **Int.Cl. A61K 8/96 (2006.01) A61Q 11/  
00 (2006.01)**  
[25] EN  
[54] **ORAL CARE COMPOSITIONS AND  
METHODS**  
[54] **COMPOSITIONS ET PROCEDES  
POUR SOINS BUCCODENTAIRES**  
[72] RAJAJAH, JAYANTH, US  
[72] BAIG, ARIF ALI, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2012-02-16  
[86] 2010-08-17 (PCT/US2010/045677)  
[87] 2011-02-24 (WO2011/022343)  
[30] US (61/234,512) 2009-08-17

## PCT Applications Entering the National Phase

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[21] **2,772,404**  
[13] A1  
[51] **Int.Cl. A61N 5/067 (2006.01)**  
[25] EN  
[54] **SCALAR LASER THERAPY APPARATUS**  
[54] **APPAREIL DE THERAPIE PAR LASER SCALAIRE**  
[72] WEISBART, LILLIE, US  
[72] WEISBART, PAUL, US  
[71] WEISBART, LILLIE, US  
[71] WEISBART, PAUL, US  
[85] 2012-03-20  
[86] 2011-02-03 (PCT/US2011/023597)  
[87] 2012-07-07 (WO/)  
[30] US (13/018,893) 2011-02-01

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[21] **2,773,193**  
[13] A1  
[51] **Int.Cl. H02H 3/32 (2006.01)**  
[25] EN  
[54] **EQUIVALENT ALPHA PLANE FAULT DETERMINATION FOR A MULTI-TERMINAL POWER APPARATUS**  
[54] **DETERMINATION DE DEFAUTS DE PLAN ALPHA EQUIVALENT POUR UN APPAREIL ELECTRIQUE A PLUSIEURS BORNES**  
[72] KASZTENNY, BODGAN Z., CA  
[72] FISCHER, NORMANN, US  
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US  
[85] 2012-03-02  
[86] 2010-09-16 (PCT/US2010/049160)  
[87] 2011-03-24 (WO2011/035052)  
[30] US (12/561,935) 2009-09-17

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[21] **2,773,578**  
[13] A1  
[51] **Int.Cl. A61K 8/97 (2006.01) A45D 40/00 (2006.01) A61K 8/92 (2006.01) A61Q 1/10 (2006.01)**  
[25] EN  
[54] **METHODS OF COATING EYELASHES AND EYELIDS WITH A LONG-WEARING MASCARA COMPOSITION**  
[54] **PROCEDES DE REVETEMENT DE CILS ET DE PAUPIERES PAR UNE COMPOSITION DE MASCARA DE LONGUE DUREE**  
[72] DEMPSEY, JAMES HERMAN, US  
[72] RABE, THOMAS ELLIOT, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-03-07  
[86] 2010-10-26 (PCT/US2010/054085)  
[87] 2011-05-12 (WO2011/056565)  
[30] US (61/255,451) 2009-10-27

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[21] **2,773,738**  
[13] A1  
[51] **Int.Cl. A61K 8/55 (2006.01) A61Q 11/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR HYDROPHOBIC MODIFICATION OF ORAL CAVITY SURFACES**  
[54] **PROCEDES ET COMPOSITIONS DE MODIFICATION HYDROPHOBE DE SURFACES DE CAVITE BUCCALE**  
[72] DECKNER, GEORGE ENDEL, US  
[72] GLANDORF, WILLIAM MICHAEL, US  
[72] BAIG, ARIF ALI, US  
[72] RAJAJIAH, JAYANTH, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-03-08  
[86] 2010-09-09 (PCT/US2010/048186)  
[87] 2011-03-17 (WO2011/031807)  
[30] US (61/241,564) 2009-09-11

---

[21] **2,779,451**  
[13] A1  
[51] **Int.Cl. A61K 8/96 (2006.01) A61Q 11/02 (2006.01)**  
[25] EN  
[54] **DENTURE CARE COMPOSITION**  
[54] **COMPOSITION DE SOIN DENTAIRE**  
[72] BAIG, ARIF ALI, US  
[72] RAJAJIAH, JAYANTH, US  
[72] LEONARD, ROBERT SCOTT, US  
[72] SMITH, STEVEN DARYL, US  
[72] CERDA, LUISA NAVARRO, US  
[72] WILDER, ELIZABETH ANNE, US  
[72] MEDEIROS, FRANCO SILVA, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-04-30  
[86] 2010-10-28 (PCT/US2010/054370)  
[87] 2011-05-19 (WO2011/059715)  
[30] US (61/255,926) 2009-10-29  
[30] US (12/911,112) 2010-10-25

---

[21] **2,779,541**  
[13] A1  
[51] **Int.Cl. A01N 63/04 (2006.01) A01P 3/00 (2006.01) A61K 36/06 (2006.01)**  
[25] EN  
[54] **ANTIFUNGAL MIXTURE WITH FUNGAL ORGANISM PYTHIUM OLIGANDRUM**  
[54] **MELANGE ANTIFONGIQUE COMPORTANT L'ORGANISME FONGIQUE PYTHIUM OLIGANDRUM**  
[72] SUCHANEK, MARTIN, CZ  
[72] KLIMES, RADIM, CZ  
[71] BIO AGENS RESEARCH AND DEVELOPMENT - BARD, S.R.O., CZ  
[85] 2012-05-01  
[86] 2009-12-14 (PCT/CZ2009/000154)  
[87] 2011-05-12 (WO2011/054322)  
[30] CZ (PV 2009-724) 2009-11-04

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[21] **2,779,545**  
[13] A1  
[51] **Int.Cl. G07F 7/10 (2006.01)**  
[25] EN  
[54] **METHOD FOR PROVIDING DATA DURING AN APPLICATION SELECTION PROCESS**  
[54] **PROCEDE DE DELIVRANCE DE DONNEES LORS D'UN PROCEDE DE SELECTION D'APPLICATION**  
[72] SHAUN, IVERSEN, AU  
[71] MULTOS INTERNATIONAL PTY, LTD., SG  
[85] 2012-05-01  
[86] 2010-11-05 (PCT/EP2010/066934)  
[87] 2011-05-12 (WO2011/054935)  
[30] EP (09306058.0) 2009-11-05

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## Demandes PCT entrant en phase nationale

[21] **2,779,553**  
[13] A1

[51] **Int.Cl. A61M 5/172 (2006.01) A61M 5/00 (2006.01) A61M 5/142 (2006.01) A61M 5/315 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR DELIVERY OF TWO OR MORE DRUG AGENTS**  
[54] **DISPOSITIF ET PROCEDURE D'ADMINISTRATION DE DEUX OU PLUS DE DEUX AGENTS MEDICAMENTEUX**  
[72] JONES, CHRISTOPHER, GB  
[72] YATES, BARRY, GB  
[72] MARSHALL, ELIZABETH ANNE, GB  
[72] VEASEY, ROBERT, GB  
[72] O'HARE, AIDAN MICHAEL, GB  
[72] LEAK, DAVID MARTIN, US  
[72] KEATING, CARMEN PATRICIA, AU  
[72] BOYD, MALCOLM, GB  
[72] DE SAUSMAREZ LINTELL, DANIEL THOMAS, GB  
[72] DAY, SHANE ALISTAIR, GB  
[72] SMITH, CHRISTOPHER JAMES, GB  
[72] SANDERS, DAVID, GB  
[72] WIMPENNY, STEVEN, GB  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2012-05-01  
[86] 2010-11-29 (PCT/EP2010/068358)  
[87] 2011-06-09 (WO2011/067187)  
[30] US (61/265,414) 2009-12-01  
[30] EP (09179724.1) 2009-12-17

[21] **2,779,560**  
[13] A1

[51] **Int.Cl. G03F 7/028 (2006.01) G03F 7/027 (2006.01)**  
[25] EN  
[54] **UV-LED CURABLE COMPOSITIONS AND INKS**  
[54] **COMPOSITIONS ET ENCRE A POLYMERISATION SOUS DEL UV**  
[72] LOCCUFIER, JOHAN, BE  
[71] AGFA-GEVAERT, BE  
[85] 2012-05-01  
[86] 2010-12-06 (PCT/EP2010/068931)  
[87] 2011-06-16 (WO2011/069943)  
[30] EP (09178162.5) 2009-12-07  
[30] US (61/267,465) 2009-12-08

[21] **2,779,562**  
[13] A1

[51] **Int.Cl. G01N 33/566 (2006.01) C07K 1/00 (2006.01) C07K 14/775 (2006.01)**  
[25] EN  
[54] **MUTEINS OF HUMAN LIPOCALIN 2 (LCN2, HNGAL) WITH AFFINITY FOR A GIVEN TARGET**  
[54] **MUTEINES DE LA LIPOCALINE 2 HUMAINE (LCN2, HNGAL) AYANT UNE AFFINITE POUR UNE CIBLE DONNEE**  
[72] MATSCHINER, GABRIELE, DE  
[72] RAUTH, SABINE, DE  
[72] SKERRA, ARNE, DE  
[72] HINZ, DOMINIK, DE  
[72] GEBAUER, MICHAELA, DE  
[71] PIERIS AG, DE  
[85] 2012-05-01  
[86] 2010-12-07 (PCT/EP2010/069028)  
[87] 2011-06-16 (WO2011/069992)  
[30] US (61/267,098) 2009-12-07

[21] **2,779,564**  
[13] A1

[51] **Int.Cl. B65H 26/02 (2006.01) B41F 33/00 (2006.01)**  
[25] EN  
[54] **EQUIPMENT FOR CARRYING OUT THE QUALITY CONTROL OF MATERIAL PRINTED ON PAPER OR PLASTIC BANDS.**  
[54] **EQUIPEMENT PERMETTANT DE PROCEDER AU CONTROLE QUALITE DE MATIERE IMPRIMEE SUR DES BANDES EN PAPIER OU EN PLASTIQUE**  
[72] PRATI, PIETRO, IT  
[71] PRATI SRL, IT  
[85] 2012-05-01  
[86] 2010-12-21 (PCT/EP2010/070445)  
[87] 2011-06-30 (WO2011/076820)  
[30] IT (CZ2009A000030) 2009-12-22

[21] **2,779,569**  
[13] A1

[51] **Int.Cl. D21C 11/12 (2006.01) C10B 49/00 (2006.01) D21C 11/00 (2006.01) F23G 5/027 (2006.01) F23G 7/04 (2006.01)**  
[25] EN  
[54] **METHOD AND EQUIPMENT FOR TREATMENT OF BLACK LIQUOR AT PULP MILL**  
[54] **PROCEDE ET EQUIPEMENT POUR LE TRAITEMENT DE LESSIVE NOIRE DANS UNE USINE DE PATE A PAPIER**  
[72] HONKOLA, TIMO, FI  
[71] METSO POWER OY, FI  
[85] 2012-05-01  
[86] 2010-11-02 (PCT/FI2010/050872)  
[87] 2011-05-12 (WO2011/055010)  
[30] FI (20096152) 2009-11-06

[21] **2,779,571**  
[13] A1

[51] **Int.Cl. F16K 7/10 (2006.01) F16L 55/134 (2006.01)**  
[25] EN  
[54] **DUCT PLUG INFLATABLE SAFETY DEVICE**  
[54] **DISPOSITIF DE SECOURS GONFLABLE A OBTURATEUR DE CONDUIT**  
[72] HINDS, ROBERT, US  
[72] KUTACH, KYLE, US  
[71] HOLCIM TECHNOLOGY LTD, CH  
[85] 2012-05-01  
[86] 2010-11-03 (PCT/IB2010/002801)  
[87] 2011-05-12 (WO2011/055214)  
[30] US (61/258,025) 2009-11-04

## PCT Applications Entering the National Phase

[21] **2,779,574**  
[13] A1

[51] **Int.Cl. C07D 311/34 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07D 405/06 (2006.01) C07D 487/04 (2006.01)**  
[25] EN  
[54] **NOVEL KINASE MODULATORS**  
[54] **NOUVEAUX MODULATEURS DE KINASE**  
[72] MUTHUPPALANIAPPAN, MEYYAPPAN, IN  
[72] VISWANADHA, SRIKANT, IN  
[72] BABU, GOVINDARAJULU, IN  
[72] VAKKALANKA, SWAROOP KUMAR V.S., CH  
[71] RHIZEN PHARMACEUTICALS S.A., CH  
[85] 2012-05-01  
[86] 2010-11-03 (PCT/IB2010/002804)  
[87] 2011-05-12 (WO2011/055215)  
[30] IN (2690/CHE/2009) 2009-11-05  
[30] IN (1429/CHE/2010) 2010-05-24  
[30] US (61/364,661) 2010-07-15

[21] **2,779,576**  
[13] A1

[51] **Int.Cl. C05B 7/00 (2006.01) C05C 3/00 (2006.01) C05F 11/02 (2006.01)**  
[25] EN  
[54] **PHOSPHATE GROUP FERTILIZERS**  
[54] **ENGRAIS DU GROUPE PHOSPHATE**  
[72] YANDAPALLI, DURGA PRASAD, IN  
[71] BIJAM BIOSCIENCES PRIVATE LIMITED, IN  
[85] 2012-05-01  
[86] 2010-11-04 (PCT/IB2010/002810)  
[87] 2011-05-12 (WO2011/055220)  
[30] IN (1024/CHE/2009) 2009-11-04  
[30] IN (2840/CHE/2010) 2010-09-27

[21] **2,779,578**  
[13] A1

[51] **Int.Cl. A61K 39/085 (2006.01) A61K 39/385 (2006.01)**  
[25] EN  
[54] **PURIFICATION OF STAPHYLOCOCCUS AUREUS TYPE 5 AND TYPE 8 CAPSULAR SACCHARIDES**  
[54] **PURIFICATION DE SACCHARIDES CAPSULAIRES DE STAPHYLOCOCCUS AUREUS DE TYPE 5 ET DE TYPE 8**  
[72] ROMANO, MARIA ROSARIA, IT  
[72] BERTI, FRANCESCO, IT  
[72] COSTANTINO, PAOLO, IT  
[71] NOVARTIS AG, CH  
[85] 2012-04-30  
[86] 2010-11-01 (PCT/IB2010/054934)  
[87] 2011-05-05 (WO2011/051917)  
[30] US (61/256,905) 2009-10-30

[21] **2,779,580**  
[13] A1

[51] **Int.Cl. G21F 9/06 (2006.01) A62D 3/00 (2007.01) C02F 1/42 (2006.01) C02F 1/66 (2006.01) C02F 1/72 (2006.01) G21F 9/12 (2006.01) G21F 9/14 (2006.01) G21F 9/20 (2006.01)**  
[25] EN  
[54] **DISPOSAL AND DECONTAMINATION OF RADIOACTIVE POLYVINYL ALCOHOL PRODUCTS**  
[54] **ELIMINATION ET DECONTAMINATION DE PRODUITS RADIOACTIFS A BASE D'ALCOOL POLYVINYLIQUE**  
[72] HONG, SEONG-JUN, KR  
[72] KIM, HYUN-KI, KR  
[72] LEE, UI-DONG, KR  
[72] KIM, JIN-KIL, KR  
[71] HANA INSPECTION & ENGINEERING CO., LTD., KR  
[85] 2012-05-01  
[86] 2010-11-12 (PCT/IB2010/003042)  
[87] 2011-05-26 (WO2011/061621)  
[30] KR (1020090111039) 2009-11-17  
[30] KR (1020100020017) 2010-03-05

[21] **2,779,581**  
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01)**  
[25] EN  
[54] **INTERNET BASED LOTTERY REDEMPTION SYSTEM AND METHODS**  
[54] **PROCEDES ET SYSTEME DE REMBOURSEMENT D'UNE LOTERIE BASEE SUR INTERNET**  
[72] IRWIN, KENNETH EARL, JR., US  
[72] KLINE, CHARLES, US  
[72] STREETER, GARY, US  
[71] SCIENTIFIC GAMES HOLDINGS LIMITED, IE  
[85] 2012-04-30  
[86] 2010-11-01 (PCT/IB2010/054937)  
[87] 2011-05-05 (WO2011/051919)  
[30] US (61/280,330) 2009-11-02  
[30] US (61/340,807) 2010-03-23  
[30] US (12/898,821) 2010-10-06

[21] **2,779,582**  
[13] A1

[51] **Int.Cl. H04L 12/28 (2006.01)**  
[25] EN  
[54] **COMMUNICATION OF COMMANDS IN A HOME AUTOMATION NETWORK AND BETWEEN HOME AUTOMATION NETWORKS**  
[54] **COMMUNICATION D'ORDRES DANS UN RESEAU DOMOTIQUE ET ENTRE RESEAUX DOMOTIQUES**  
[72] MIGNOT, PIERRE, FR  
[71] SOMFY, FR  
[85] 2012-05-01  
[86] 2010-07-22 (PCT/IB2010/053345)  
[87] 2011-05-12 (WO2011/055240)  
[30] FR (0957889) 2009-11-06

[21] **2,779,583**  
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01)**  
[25] EN  
[54] **VARIABLE OFFSET SPINE FIXATION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE FIXATION RACHIDIENNE A DECALAGE VARIABLE**  
[72] KEYSER, THOMAS, US  
[72] JACOB, R. PATRICK, US  
[72] MCDIVITT, ERIC, US  
[72] CAPOZZOLI, JOSEPH, US  
[71] SYNTHES USA, LLC, US  
[85] 2012-04-30  
[86] 2009-11-18 (PCT/US2009/006176)  
[87] 2011-05-26 (WO2011/062573)

## Demandes PCT entrant en phase nationale

[21] **2,779,584**  
[13] A1

[51] **Int.Cl. H05B 37/02 (2006.01)**  
[25] EN  
[54] **OBJECT-SENSING LIGHTING NETWORK AND CONTROL SYSTEM THEREFOR**  
[54] **RESEAU D'ECLAIRAGE AVEC DETECTION D'OBJET ET SYSTEME DE COMMANDE ASSOCIE**  
[72] NIEUWLANDS, ERIK, US  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2012-05-01  
[86] 2010-10-20 (PCT/IB2010/054759)  
[87] 2011-05-12 (WO2011/055259)  
[30] US (61/257,554) 2009-11-03

[21] **2,779,598**  
[13] A1

[51] **Int.Cl. B21C 47/20 (2006.01) B65H 49/06 (2006.01) B65H 59/06 (2006.01)**  
[25] EN  
[54] **A DEVICE AND A METHOD FOR UN-REELING OF WIRE FROM A COIL**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE DEROULER UN FIL METALLIQUE D'UNE BOBINE**  
[72] REXHAJ, FAHREDIN, SE  
[71] METSO PAPER, INC., FI  
[85] 2012-05-01  
[86] 2010-11-19 (PCT/SE2010/051276)  
[87] 2011-06-03 (WO2011/065896)  
[30] SE (0901489-5) 2009-11-25

[21] **2,779,601**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 9/51 (2006.01) A61K 39/385 (2006.01)**  
[25] EN  
[54] **VACCINE COMPOSITIONS AND METHODS OF USE**  
[54] **COMPOSITIONS DE VACCIN ET PROCEDES D'UTILISATION**  
[72] WAGNER, THOMAS E., US  
[72] SCHWAMBERGER, GUNTER, AT  
[72] YU, XIANZHONG, US  
[71] ORBIS HEALTH SOLUTIONS LLC, US  
[85] 2012-05-01  
[86] 2009-11-02 (PCT/US2009/062949)  
[87] 2011-05-05 (WO2011/053331)

[21] **2,779,596**  
[13] A1

[51] **Int.Cl. B29C 51/08 (2006.01) B29C 33/68 (2006.01) B29C 51/26 (2006.01) B29C 51/28 (2006.01) B29C 51/42 (2006.01) B64C 1/06 (2006.01)**  
[25] EN  
[54] **THERMOPLASTIC COMPOSITE WINDOW PANEL FOR AIRCRAFT APPLICATIONS**  
[54] **PANNEAU FENETRE COMPOSITE THERMOPLASTIQUE POUR APPLICATIONS D'AERONEFS**  
[72] SAJIC, PETER JAMES, GB  
[72] BAMERT-FALLEGGER, RETO, CH  
[72] KELLER, HANS-PETER, CH  
[71] PELZER, MARC, CH  
[85] 2012-05-01  
[86] 2010-11-11 (PCT/IB2010/055128)  
[87] 2011-05-19 (WO2011/058514)  
[30] US (12/617,416) 2009-11-12

[21] **2,779,599**  
[13] A1

[51] **Int.Cl. F03B 3/12 (2006.01)**  
[25] EN  
[54] **TAPERED HELICAL AUGER TURBINE TO CONVERT HYDROKINETIC ENERGY INTO ELECTRICAL ENERGY**  
[54] **TURBINE A VIS SANS FIN HELICOIDALE EFFILEE POUR CONVERTIR DE L'ENERGIE HYDROCINETIQUE EN ENERGIE ELECTRIQUE**  
[72] ANDERSON, WINFIELD SCOTT, JR., US  
[71] ANDERSON, WINFIELD SCOTT, JR., US  
[85] 2012-05-01  
[86] 2009-09-25 (PCT/US2009/058402)  
[87] 2010-05-27 (WO2010/059293)  
[30] US (61/116,540) 2008-11-20  
[30] US (12/400,617) 2009-03-09

[21] **2,779,602**  
[13] A1

[51] **Int.Cl. A61B 5/02 (2006.01)**  
[25] EN  
[54] **CUFF FOR ARTERIAL BLOOD PRESSURE MONITOR**  
[54] **BRASSARD POUR DISPOSITIF DE SURVEILLANCE DE TENSION ARTERIELLE**  
[72] EWING, WILLIAM, US  
[72] DAVIDSON, JUSTIN, US  
[72] FRADEN, JACOB, US  
[71] KAZ, INCORPORATED, US  
[85] 2012-05-01  
[86] 2009-11-11 (PCT/US2009/063972)  
[87] 2011-05-19 (WO2011/059429)

[21] **2,779,597**  
[13] A1

[51] **Int.Cl. A61K 35/74 (2006.01) C12N 1/20 (2006.01)**  
[25] EN  
[54] **A BIFIDOBACTERIUM STRAIN**  
[54] **SOUCHE DE BIFIDOBATERIUM**  
[72] O'MAHONY, LIAM, IE  
[72] KIELY, BARRY, IE  
[71] ALIMENTARY HEALTH LIMITED, IE  
[71] THE IAMS COMPANY, US  
[85] 2012-05-01  
[86] 2010-11-11 (PCT/IE2010/000067)  
[87] 2011-05-19 (WO2011/058536)  
[30] US (12/616,752) 2009-11-11  
[30] IE (2010/0290) 2010-05-11

[21] **2,779,600**  
[13] A1

[51] **Int.Cl. A61M 25/10 (2006.01) A61B 18/18 (2006.01) A61B 18/26 (2006.01)**  
[25] EN  
[54] **SHOCKWAVE VALVULOPLASTY CATHETER SYSTEM**  
[54] **SYSTEME DE CATHETERDEVALVULOPLASTIE A ONDE DE CHOC**  
[72] ADAMS, JOHN M., US  
[72] HAWKINS, DANIEL, US  
[71] ADAMS, JOHN M., US  
[71] HAWKINS, DANIEL, US  
[85] 2012-05-01  
[86] 2009-11-05 (PCT/US2009/063354)  
[87] 2010-05-14 (WO2010/054048)  
[30] US (61/111,600) 2008-11-05

[21] **2,779,603**  
[13] A1

[51] **Int.Cl. F16N 29/02 (2006.01)**  
[25] EN  
[54] **EMERGENCY SUBSYSTEM FOR A FLUID SYSTEM**  
[54] **SOUS-SYSTEME DE SECOURS POUR SYSTEME FLUIDIQUE**  
[72] POSTER, SCOTT, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[85] 2012-05-01  
[86] 2009-11-16 (PCT/US2009/064510)  
[87] 2011-05-19 (WO2011/059450)

## PCT Applications Entering the National Phase

[21] **2,779,604**  
[13] A1

[51] **Int.Cl. C22C 9/10 (2006.01) A01K 69/00 (2006.01) C09D 5/16 (2006.01)**  
[25] EN  
[54] **COPPER ALLOY ENCLOSURES**  
[54] **ENCEINTES D'ALLIAGE DE CUIVRE**  
[72] BIERSTEKER, ROBERT A., US  
[72] STEVENS, JOHN J., US  
[72] CYRA, ROBERT F., US  
[72] MICHALEWSKI, CARL J., US  
[71] LUVATA APPLETON LLC, US  
[85] 2012-05-01  
[86] 2009-11-24 (PCT/US2009/065773)  
[87] 2011-06-03 (WO2011/065939)

[21] **2,779,605**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/064 (2006.01) A61B 17/34 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MINIMALLY INVASIVE HEART VALVE PROCEDURES**  
[54] **PROCEDE ET APPAREIL POUR OPERER DES VALVES CARDIAQUES DE MANIERE MINIMALEMENT INVASIVE**  
[72] YOGANATHAN, AJIT P., US  
[72] PADALA, SAI MURALIDHAR, US  
[71] GEORGIA TECH RESEARCH CORPORATION, US  
[85] 2012-05-01  
[86] 2009-12-04 (PCT/US2009/066849)  
[87] 2010-06-10 (WO2010/065912)  
[30] US (61/119,869) 2008-12-04

[21] **2,779,606**  
[13] A1

[51] **Int.Cl. C40B 40/08 (2006.01) G06F 19/28 (2011.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/10 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**  
[25] EN  
[54] **HEART AGING BIOMARKERS AND METHODS OF USE**  
[54] **BIOMARQUEURS DE VIEILLISSEMENT DU C<sup>α</sup>UR ET LEURS PROCEDES D'UTILISATION**  
[72] LI, QUINGHONG, US  
[71] NESTEC S.A., CH  
[85] 2012-05-01  
[86] 2010-11-09 (PCT/US2010/002950)  
[87] 2011-05-19 (WO2011/059490)  
[30] US (61/280,879) 2009-11-10

[21] **2,779,607**  
[13] A1

[51] **Int.Cl. B01D 61/08 (2006.01) B01D 61/10 (2006.01) C02F 1/44 (2006.01)**  
[25] EN  
[54] **OSMOTIC PUMP FOR FORWARD OSMOSIS DEVICES**  
[54] **POMPE OSMOTIQUE POUR DISPOSITIFS D'OSMOSE DIRECTE**  
[72] BEAUDRY, EDWARD, US  
[72] HERRON, JOHN R., US  
[71] HYDRATION SYSTEMS, LLC, US  
[85] 2012-05-01  
[86] 2010-06-07 (PCT/US2010/037564)  
[87] 2010-12-16 (WO2010/144335)  
[30] US (61/185,179) 2009-06-08  
[30] US (12/794,795) 2010-06-07

[21] **2,779,608**  
[13] A1

[51] **Int.Cl. B01D 21/24 (2006.01) C02F 1/00 (2006.01)**  
[25] EN  
[54] **METHOD OF OPTIMIZING FEED CONCENTRATION IN A SEDIMENTATION VESSEL**  
[54] **PROCEDE D'OPTIMISATION DE LA CONCENTRATION DE L'ALIMENTATION D'UNE CUVE DE SEDIMENTATION**  
[72] LAKE, PHILIP, US  
[72] CROZIER, MARK, ZA  
[72] EASTON, JEFFERY H., US  
[71] WESTECH ENGINEERING, INC., US  
[71] PASTE THICK VENTURES LLC, US  
[85] 2012-05-01  
[86] 2010-09-20 (PCT/US2010/049442)  
[87] 2011-05-12 (WO2011/056305)  
[30] US (12/613,131) 2009-11-05

[21] **2,779,609**  
[13] A1

[51] **Int.Cl. H01L 29/66 (2006.01)**  
[25] EN  
[54] **EXTREMELY LOW RESISTANCE FILMS AND METHODS FOR MODIFYING OR CREATING SAME**  
[54] **FILMS A RESISTANCE EXTREMEMENT BASSE ET PROCEDES DE MODIFICATION ET DE CREATION DE CEUX-CI**  
[72] GILBERT, DOUGLAS A., US  
[72] CALE, TIMOTHY S., US  
[71] AMBATURE L.L.C., US  
[85] 2012-05-01  
[86] 2010-10-02 (PCT/US2010/051239)  
[87] 2011-04-07 (WO2011/041764)  
[30] US (61/248,130) 2009-10-02

[21] **2,779,610**  
[13] A1

[51] **Int.Cl. G05D 16/04 (2006.01) F17C 13/04 (2006.01)**  
[25] EN  
[54] **GAS PRESSURE REGULATOR WITH PARTICLE TRAP AND DIFFUSER**  
[54] **REGULATEUR DE PRESSION GAZEUSE DOTE D'UN PIEGE A PARTICULES ET D'UN DIFFUSEUR**  
[72] BOYER, ROBERT A., US  
[71] VICTOR EQUIPMENT COMPANY, US  
[85] 2012-05-01  
[86] 2010-10-20 (PCT/US2010/053335)  
[87] 2011-04-28 (WO2011/050035)  
[30] US (12/582,970) 2009-10-21

[21] **2,779,611**  
[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) A61F 13/15 (2006.01) D04H 13/00 (2006.01)**  
[25] EN  
[54] **FIBROUS STRUCTURES AND METHODS FOR MAKING SAME**  
[54] **STRUCTURES FIBREUSES ET LEURS PROCEDES DE FABRICATION**  
[72] YOUNG, CHRISTOPHER MICHAEL, US  
[72] SUER, MICHAEL DONALD, US  
[72] TROKHAN, PAUL DENNIS, US  
[72] BARNHOLTZ, STEVEN LEE, US  
[72] BARKEY, DOUGLAS JAY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-05-01  
[86] 2010-10-28 (PCT/US2010/054422)  
[87] 2011-05-05 (WO2011/053677)  
[30] US (61/257,261) 2009-11-02

[21] **2,779,612**  
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01) E21B 19/06 (2006.01) E21B 19/24 (2006.01)**  
[25] EN  
[54] **PIPE STABILIZER FOR PIPE SECTION GUIDE SYSTEM**  
[54] **STABILISATEUR DE TUYAU POUR SYSTEME DE GUIDAGE DE SECTION DE TUYAU**  
[72] BELIK, JAROSLAV, US  
[71] NATIONAL OILWELL VARCO, L.P., US  
[85] 2012-05-01  
[86] 2010-10-28 (PCT/US2010/054511)  
[87] 2011-05-12 (WO2011/056711)  
[30] US (12/611,804) 2009-11-03

## Demandes PCT entrant en phase nationale

[21] **2,779,613**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 9/16 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CRYOGRANULATING A PHARMACEUTICAL COMPOSITION**  
[54] **APPAREIL ET METHODE DE CRYOGRANULATION D'UNE COMPOSITION PHARMACEUTIQUE**  
[72] AMORO, EDWIN, US  
[72] VANACKERE, KAREL, BE  
[72] WHITE, MICHAEL A., US  
[71] MANNKIND CORPORATION, US  
[85] 2012-05-01  
[86] 2010-11-02 (PCT/US2010/055085)  
[87] 2011-05-05 (WO2011/053959)  
[30] US (61/257,385) 2009-11-02

[21] **2,779,614**  
[13] A1

[51] **Int.Cl. B01J 2/00 (2006.01) B01J 19/24 (2006.01)**  
[25] EN  
[54] **REACTOR FOR PRODUCING PHARMACEUTICAL PARTICLES IN A PRECIPITATION PROCESS**  
[54] **REACTEUR UTILISABLE A DES FINS DE PRODUCTION DE PARTICULES PHARMACEUTIQUES PAR UN PROCESSUS DE PRECIPITATION**  
[72] GANDHI, SANKET, US  
[72] MORALEDA, KAREN, US  
[72] JACHOWICZ, JADWIGA, US  
[72] ZUPON, MICHAEL, US  
[71] MANNKIND CORPORATION, US  
[85] 2012-05-01  
[86] 2010-11-02 (PCT/US2010/055090)  
[87] 2011-05-05 (WO2011/053963)  
[30] US (61/257,311) 2009-11-02  
[30] US (61/384,662) 2010-09-20

[21] **2,779,615**  
[13] A1

[51] **Int.Cl. C12N 11/02 (2006.01) A61K 47/48 (2006.01) A61P 37/06 (2006.01) C12N 9/22 (2006.01) C12N 9/96 (2006.01) C12N 15/55 (2006.01) C12N 15/62 (2006.01)**  
[25] EN  
[54] **THERAPEUTIC NUCLEASE COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS THERAPEUTIQUES A BASE DE NUCLEASES ET METHODES**  
[72] SUN, XIZHANG, US  
[72] ELKON, KEITH, US  
[72] HAYDEN-LEDBETTER, MARTHA, US  
[72] LEDBETTER, JEFFREY A., US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 2012-05-01  
[86] 2010-11-02 (PCT/US2010/055131)  
[87] 2011-05-05 (WO2011/053982)  
[30] US (61/257,458) 2009-11-02  
[30] US (61/370,752) 2010-08-04

[21] **2,779,616**  
[13] A1

[51] **Int.Cl. A61B 17/08 (2006.01)**  
[25] EN  
[54] **CLOSURE DEVICE**  
[54] **DISPOSITIF DE FERMETURE**  
[72] RAMEE, STEPHEN, US  
[72] SAMPOGNARO, GREGORY C., US  
[72] KROLIK, JEFF, US  
[72] WATANABE, GWENDOLYN A., US  
[71] LARGE BORE CLOSURE, L.L.C., US  
[85] 2012-05-01  
[86] 2010-11-02 (PCT/US2010/055148)  
[87] 2011-05-12 (WO2011/056797)  
[30] US (61/280,389) 2009-11-03

[21] **2,779,622**  
[13] A1

[51] **Int.Cl. A61M 1/02 (2006.01) A61B 5/15 (2006.01) A61M 5/168 (2006.01) A61M 5/172 (2006.01)**  
[25] FR  
[54] **SYSTEME DE PERFUSION SECURISE**  
[54] **SECURE PERFUSION SYSTEM**  
[72] BOIREAU, WILFRID, FR  
[72] MOREL, PASCAL CHARLES SERGE, FR  
[72] PIERALLI, CHRISTIAN GERARD DANIEL, FR  
[72] PAZART, LIONEL HENRI, FR  
[72] WACOGNE, BRUNO FRANCOIS MARCEL, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] ETABLISSEMENT FRANCAIS DU SANG, FR  
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE BESANCON, FR  
[71] UNIVERSITE DE FRANCHE-COMTE, FR  
[85] 2012-05-01  
[86] 2010-10-29 (PCT/FR2010/000714)  
[87] 2011-05-12 (WO2011/055031)  
[30] FR (0905329) 2009-11-05

[21] **2,779,670**  
[13] A1

[51] **Int.Cl. A61B 5/00 (2006.01) G06F 19/00 (2011.01) H04B 7/24 (2006.01)**  
[25] EN  
[54] **SHOWING SKIN LESION INFORMATION**  
[54] **AFFICHAGE D'INFORMATIONS RELATIVES A UNE LESION DE LA PEAU**  
[72] KAPEC, JEFFREY S., US  
[72] NAOI, YUKIKO, US  
[72] ADRIAN, JOANNA S., US  
[72] LICALZI, DANIEL, US  
[72] BUTLER, CHRISTIANO, US  
[72] ROY, MRINALINI, US  
[72] WOJTON, MACIEJ, US  
[71] MELA SCIENCES, INC., US  
[85] 2012-05-01  
[86] 2010-11-03 (PCT/US2010/055273)  
[87] 2011-05-12 (WO2011/056851)  
[30] US (61/280,386) 2009-11-03

## PCT Applications Entering the National Phase

[21] **2,779,674**  
[13] A1

[51] **Int.Cl. E02D 17/18 (2006.01) E02D 17/20 (2006.01) E21C 41/26 (2006.01)**  
[25] EN  
[54] **IMPROVED SLOPE OF AN OPEN CUT MINE**  
[54] **PENTE PERFECTIONNEE D'UNE MINE A CIEL OUVERT**  
[72] HAILE, ANDREW, AU  
[71] BHP BILLITON SSM DEVELOPMENT PTY LTD, AU  
[85] 2012-05-02  
[86] 2010-11-04 (PCT/AU2010/001459)  
[87] 2011-05-12 (WO2011/054035)  
[30] AU (2009905382) 2009-11-04

[21] **2,779,675**  
[13] A1

[51] **Int.Cl. G02C 7/06 (2006.01)**  
[25] EN  
[54] **OPHTHALMIC LENS ELEMENT**  
[54] **ELEMENT DE LENTILLE OPHTALMIQUE**  
[72] VARNAS, SAULIUS RAYMOND, AU  
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE  
[85] 2012-05-02  
[86] 2010-11-09 (PCT/AU2010/001486)  
[87] 2011-05-12 (WO2011/054058)  
[30] AU (2009905468) 2009-11-09

[21] **2,779,677**  
[13] A1

[51] **Int.Cl. A23L 1/31 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR SEASONING MEAT**  
[54] **SYSTEMES ET PROCEDES POUR ASSAISONNER DE LA VIANDE**  
[72] WEISS, ISRAEL, US  
[72] BOWSMAN, CLOYD D., US  
[71] EMPIRE KOSHER POULTRY, INC., US  
[85] 2012-05-01  
[86] 2010-11-03 (PCT/US2010/055301)  
[87] 2011-05-12 (WO2011/056873)  
[30] US (12/612,164) 2009-11-04

[21] **2,779,679**  
[13] A1

[51] **Int.Cl. A47L 9/00 (2006.01)**  
[25] EN  
[54] **COMBINATION VACUUM CLEANER, DOLLY, AND MOUNTING BRACKET**  
[54] **ASPIRATEUR, CHARIOT ET FERRURE DE MONTAGE COMBINES**  
[72] LIU, LI H., US  
[71] SHOP VAC CORPORATION, US  
[85] 2012-05-01  
[86] 2010-11-04 (PCT/US2010/055344)  
[87] 2011-05-19 (WO2011/059864)  
[30] US (12/616,290) 2009-11-11

[21] **2,779,680**  
[13] A1

[51] **Int.Cl. A63B 24/00 (2006.01) A63B 21/005 (2006.01)**  
[25] FR  
[54] **DISPOSITIF DE REHABILITATION**  
[54] **REHABILITATION DEVICE**  
[72] LEQUEUX, BRUNO, BE  
[71] LEQUEUX, BRUNO, BE  
[85] 2012-05-01  
[86] 2009-11-10 (PCT/BE2009/000056)  
[87] 2010-05-20 (WO2010/054447)  
[30] BE (2008/0623) 2008-11-14

[21] **2,779,681**  
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/343 (2006.01) A61K 31/404 (2006.01) A61K 31/405 (2006.01) A61K 31/415 (2006.01) A61K 31/4192 (2006.01) A61K 31/426 (2006.01) A61K 31/44 (2006.01) A61K 31/4965 (2006.01) A61K 31/497 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) A61K 35/00 (2006.01)**  
[25] EN  
[54] **TRYPTOPHAN HYDROXYLASE INHIBITORS FOR THE TREATMENT OF CANCER**  
[54] **INHIBITEURS DE TRYPTOPHANE HYDROXYLASE POUR LE TRAITEMENT DU CANCER**  
[72] ORAVECZ, TAMAS, US  
[71] LEXICON PHARMACEUTICALS, INC., US  
[85] 2012-05-01  
[86] 2010-11-04 (PCT/US2010/055363)  
[87] 2011-05-12 (WO2011/056916)  
[30] US (61/258,473) 2009-11-05  
[30] US (61/258,476) 2009-11-05  
[30] US (61/303,395) 2010-02-11

[21] **2,779,688**  
[13] A1

[51] **Int.Cl. G01N 27/00 (2006.01) C07K 14/65 (2006.01) G01N 1/34 (2006.01) G01N 1/40 (2006.01) G01N 30/72 (2006.01) G01N 33/483 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **QUANTITATION OF INSULIN-LIKE GROWTH FACTOR-I AND INSULIN-LIKE GROWTH FACTOR-II WITH HIGH-RESOLUTION MASS SPECTROMETRY**  
[54] **QUANTITATION DE FACTEUR DE CROISSANCE DE TYPE INSULINE I ET DE FACTEUR DE CROISSANCE DE TYPE INSULINE II PAR SPECTROMETRIE DE MASSE A RESOLUTION ELEVEE**  
[72] REITZ, RICHARD, US  
[72] SHENG, SHIJUN, US  
[72] CLARKE, NIGEL J., US  
[72] BYSTROM, CORY, US  
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US  
[85] 2012-05-01  
[86] 2010-11-04 (PCT/US2010/055518)  
[87] 2011-05-12 (WO2011/057021)  
[30] US (61/258,560) 2009-11-05  
[30] US (61/408,535) 2010-10-29

[21] **2,779,690**  
[13] A1

[51] **Int.Cl. B65B 35/54 (2006.01)**  
[25] EN  
[54] **MULTI-SPEED RESIN CARTRIDGE PRODUCTION SYSTEM**  
[54] **SYSTEME DE PRODUCTION DE CARTOUCHES DE RESINE MULTI-VITESSE**  
[72] VOGUS, CHARLES B., US  
[72] SIMMONS, WALTER JOHN, US  
[72] OLDSSEN, JOHN G., US  
[71] J-LOK CO., US  
[85] 2012-05-01  
[86] 2010-11-05 (PCT/US2010/055614)  
[87] 2011-05-12 (WO2011/057068)  
[30] US (61/258,296) 2009-11-05

## Demandes PCT entrant en phase nationale

[21] **2,779,694**  
[13] A1

[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/17 (2006.01) G05B 19/02 (2006.01)**  
[25] EN  
[54] **A DATABASE FOR INJECTION MOLD AND INTEGRATION WITH AN INJECTION MOLDING MACHINE AND AUXILIARY COMPONENTS**  
[54] **BASE DE DONNEES POUR MOULE A INJECTION ET INTEGRATION AVEC UNE MACHINE DE MOULAGE PAR INJECTION ET DES COMPOSANTS AUXILIAIRES**  
[72] CATOEN, BRUCE, CA  
[72] GORGENYI, LOUIS, CA  
[71] MOLD-MASTERS (2007) LIMITED, CA  
[85] 2012-05-02  
[86] 2010-11-02 (PCT/CA2010/001703)  
[87] 2011-05-05 (WO2011/050467)  
[30] US (12/610,992) 2009-11-02  
[30] US (12/611,017) 2009-11-02  
[30] US (12/611,033) 2009-11-02

[21] **2,779,695**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **FETAL GENOMIC ANALYSIS FROM A MATERNAL BIOLOGICAL SAMPLE**  
[54] **ANALYSE GENOMIQUE F<sup>T</sup>ALE A PARTIR D'UN ECHANTILLON BIOLOGIQUE MATERNEL**  
[72] CANTOR, CHARLES, US  
[72] CHIU, WAI KWUN ROSSA, CN  
[72] CHAN, KWAN CHEE, CN  
[72] LO, YUK MING DENNIS, CN  
[71] SEQUENOM, INC., US  
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN  
[85] 2012-05-01  
[86] 2010-11-05 (PCT/US2010/055655)  
[87] 2011-05-12 (WO2011/057094)  
[30] US (61/258,567) 2009-11-05  
[30] US (61/259,075) 2009-11-06  
[30] US (61/381,854) 2010-09-10

[21] **2,779,700**  
[13] A1

[51] **Int.Cl. F16G 15/12 (2006.01) F16G 13/02 (2006.01) F16G 13/07 (2006.01)**  
[25] EN  
[54] **DRIVE LINK WITH IMPROVED LUBRICATION FEATURE**  
[54] **MAILLON-GUIDE AVEC UNE CARACTERISTIQUE DE LUBRIFICATION AMELIOREE**  
[72] GOETTEL, MIKE, US  
[72] FERGUSON, SCOTT, US  
[71] BLOUNT, INC., US  
[85] 2012-05-01  
[86] 2010-11-05 (PCT/US2010/055662)  
[87] 2011-05-12 (WO2011/057098)  
[30] US (61/258,519) 2009-11-05

[21] **2,779,701**  
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01) C12N 5/075 (2010.01) C12N 5/076 (2010.01) A01K 67/027 (2006.01)**  
[25] EN  
[54] **GERMLINE STEM CELL BANKING SYSTEM**  
[54] **SYSTEME DE CLASSEMENT DE CELLULES SOUCHES A LIGNEE GERMINALE**  
[72] IZADYAR, FARIBORZ, US  
[72] CHOW, JOHNNY YUNG-CHIONG, TW  
[72] OLMSTEAD, MARNIE, US  
[72] YUEN, CONSTANCE, US  
[72] WONG, JADELIND, US  
[72] HOWERTON, KYLE, US  
[72] MARH, JOEL, US  
[72] PACCHIAROTTI, JASON, US  
[72] MAKI, CHAD, US  
[72] RAMOS, THOMAS, US  
[71] PRIMEGEN BIOTECH, LLC DBA REPROCYTE, US  
[71] CHOW, JOHNNY YUNG-CHIONG, TW  
[85] 2012-05-01  
[86] 2010-11-05 (PCT/US2010/055706)  
[87] 2011-05-12 (WO2011/057123)  
[30] US (61/258,535) 2009-11-05

[21] **2,779,711**  
[13] A1

[51] **Int.Cl. C07C 237/24 (2006.01) A61K 31/165 (2006.01)**  
[25] EN  
[54] **NOVEL CRYSTALLINE FORMS OF (1S,2R)-2-(AMINO METHYL)-N,N-DIETHYL-1-PHENYL CYCLOPROPANE CARBOXAMIDE**  
[54] **NOUVELLES FORMES CRISTALLINES DU (1S,2R)-2-(AMINOMETHYL)-N,N-DIETHYL-1-PHENYLCYCLOPROPANECARBOXAMIDE**  
[72] SURANA, RAHUL, US  
[72] DEDHIYA, MAHENDRA G., US  
[71] FOREST LABORATORIES HOLDING LIMITED, BM  
[85] 2012-05-01  
[86] 2010-11-08 (PCT/US2010/055783)  
[87] 2011-05-12 (WO2011/057176)  
[30] US (61/258,652) 2009-11-06

[21] **2,779,792**  
[13] A1

[51] **Int.Cl. B66B 7/12 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR TESTING THE TENSION STRESS IN TENSION ELEMENTS OF A TENSION ELEMENT CORD**  
[54] **PROCEDE ET DISPOSITIF POUR VERIFIER LA CONTRAINTE DE TRACTION DANS DES ELEMENTS DE TRACTION D'UNE CHAINE D'ELEMENTS DE TRACTION**  
[72] FISCHER, DANIEL, CH  
[71] INVENTIO AG, CH  
[85] 2012-05-02  
[86] 2010-10-27 (PCT/EP2010/066213)  
[87] 2011-05-12 (WO2011/054708)  
[30] EP (09174825.1) 2009-11-03

## PCT Applications Entering the National Phase

[21] **2,779,793**  
[13] A1

[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01)**  
[25] EN  
[54] **DEVICE FOR ALMOST GERM-FREE PROVISION OF A FLUID MEDIUM**  
[54] **DISPOSITIF POUR L'ADMINISTRATION STERILE D'UN MILIEU FLUIDE**  
[72] ARNITZ, THEO, DE  
[72] LAMMEL, MICHAEL, DE  
[72] VOCKE, TOBIAS, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-02  
[86] 2010-10-29 (PCT/EP2010/066491)  
[87] 2011-05-12 (WO2011/054755)  
[30] EP (09174940.8) 2009-11-03

[21] **2,779,794**  
[13] A1

[51] **Int.Cl. H01L 31/048 (2006.01) B32B 17/10 (2006.01) H01L 31/0216 (2006.01)**  
[25] EN  
[54] **SEALING THE EDGES OF PHOTOVOLTAIC MODULES**  
[54] **SCELLEMENT, EN BORDURE, DE MODULES PHOTOVOLTAIQUES**  
[72] LUSSI, JOSEF, CH  
[72] BLANK, NORMAN, CH  
[72] MEIER, HEINZ, CH  
[72] KEISER, STEFAN, CH  
[72] ROHRER, HANS, CH  
[71] SIKA TECHNOLOGY AG, CH  
[85] 2012-05-02  
[86] 2010-11-02 (PCT/EP2010/066639)  
[87] 2011-05-12 (WO2011/054821)  
[30] EP (09175021.6) 2009-11-04

[21] **2,779,795**  
[13] A1

[51] **Int.Cl. G01N 21/87 (2006.01)**  
[25] EN  
[54] **INCLUSION DETECTION IN POLISHED GEMSTONES**  
[54] **DETECTION D'INCLUSIONS DANS DES GEMMES POLIES**  
[72] SMITH, JAMES GORDON CHARTERS, GB  
[72] POWELL, GRAHAM RALPH, GB  
[71] DE BEERS CENTENARY AG, CH  
[85] 2012-05-02  
[86] 2010-11-02 (PCT/EP2010/066641)  
[87] 2011-05-12 (WO2011/054822)  
[30] GB (0919235.2) 2009-11-03

[21] **2,779,796**  
[13] A1

[51] **Int.Cl. C12N 1/14 (2006.01) C12N 9/14 (2006.01) C12N 9/24 (2006.01) C12N 9/42 (2006.01) C12N 15/52 (2006.01)**  
[25] EN  
[54] **TALAROMYCES TRANSFORMANTS**  
[54] **TRANSFORMANTS DE TALAROMYCES**  
[72] SCHOONEVELD-BERGMANS, MARGOT ELISABETH FRANCOISE, NL  
[72] LOS, ALRIK PIETER, NL  
[72] VONK, BRENDA, NL  
[72] VOLLEBREGT, ADRIANUS WILHELMUS HERMANUS, NL  
[72] DAMVELD, ROBBERTUS ANTONIUS, NL  
[72] SAGT, CORNELIS MARIA JACOBUS, NL  
[72] BERG, VAN DEN MARCO ALEXANDER, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2012-05-02  
[86] 2010-11-04 (PCT/EP2010/066796)  
[87] 2011-05-12 (WO2011/054899)  
[30] EP (09174990.3) 2009-11-04

[21] **2,779,797**  
[13] A1

[51] **Int.Cl. A61K 9/50 (2006.01) A61K 9/20 (2006.01) A61K 31/4439 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL SOLID DOSAGE FORM**  
[54] **FORME DE DOSAGE PHARMACEUTIQUE SOLIDE**  
[72] SANTANACH-DELISAU, ANGEL, ES  
[72] ESPOSITO, PIERANDREA, ES  
[72] SOLER RANZANI, LUIS, ES  
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES  
[85] 2012-05-02  
[86] 2010-11-05 (PCT/EP2010/066925)  
[87] 2011-05-12 (WO2011/054930)  
[30] EP (09175339.2) 2009-11-07

[21] **2,779,826**  
[13] A1

[51] **Int.Cl. B81B 1/00 (2006.01)**  
[25] EN  
[54] **MICROFIBROUS MEDIA FOR OPTIMIZING AND CONTROLLING HIGHLY EXOTHERMIC AND HIGHLY ENDOTHERMIC REACTIONS/ PROCESSES**  
[54] **MILIEU DE MICROFIBRES DESTINE A OPTIMISER ET A COMMANDER DES REACTIONS/DES PROCEDES FORTEMENT EXOTHERMIQUES ET FORTEMENT ENDOTHERMIQUES**  
[72] CAHELA, DONALD, US  
[72] TATARCHUK, BRUCE, US  
[72] YANG, HONGYUN, US  
[72] KALLURI, RANJEETH, US  
[71] AUBURN UNIVERSITY, US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055733)  
[87] 2011-05-12 (WO2011/057150)  
[30] US (61/258,741) 2009-11-06

[21] **2,779,833**  
[13] A1

[51] **Int.Cl. C07C 67/48 (2006.01) C10L 1/02 (2006.01) C10L 1/18 (2006.01) C11B 7/00 (2006.01) C11C 3/00 (2006.01)**  
[25] EN  
[54] **METHOD OF LOWERING THE CLOUD POINT OF FATTY ACID ESTERS**  
[54] **PROCEDE DESTINE A ABAISSER LE POINT DE TROUBLE D'ESTERS D'ACIDES GRAS**  
[72] MOHTAR, SAMIA A., US  
[72] TAO, BERNARD Y., US  
[71] PURDUE RESEARCH FOUNDATION, US  
[85] 2012-05-03  
[86] 2010-11-04 (PCT/US2010/055464)  
[87] 2011-05-12 (WO2011/056982)  
[30] US (61/258,434) 2009-11-05

## Demandes PCT entrant en phase nationale

[21] **2,779,836**  
[13] A1

[51] **Int.Cl. H04W 4/22 (2009.01)**  
[25] EN  
[54] **METHODS AND MECHANISMS TO ENABLE PRIORITY CALLS IN A CELL THROUGH PRE-EMPTION OF OTHER CALLS**  
[54] **PROCEDES ET MECANISMES PERMETTANT L'EXECUTION D'APPELS PRIORITAIRES PAR DEPLACEMENT D'AUTRES APPELS**  
[72] CHIN, CHEN HO, BE  
[72] FACCIN, STEFANO M., US  
[72] ISLAM, MUHAMMAD KHALEDUL, CA  
[72] FONG, MO-HAN, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055588)  
[87] 2011-05-12 (WO2011/057055)  
[30] US (61/259,059) 2009-11-06

[21] **2,779,839**  
[13] A1

[51] **Int.Cl. C07K 14/22 (2006.01) A61K 39/095 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C12N 15/30 (2006.01) C12N 15/31 (2006.01) C12P 21/02 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **T-CELL STIMULATING PROTEIN B AND METHODS OF USE**  
[54] **PROTEINE B STIMULANT LES LYMPHOCYTES T ET PROCEDES D'UTILISATION**  
[72] MOE, GREGORY R., US  
[71] CHILDREN'S HOSPITAL & RESEARCH CENTER AT OAKLAND, US  
[85] 2012-05-03  
[86] 2010-11-04 (PCT/US2010/055505)  
[87] 2011-05-12 (WO2011/057011)  
[30] US (61/259,032) 2009-11-06

[21] **2,779,842**  
[13] A1

[51] **Int.Cl. A61N 7/00 (2006.01)**  
[25] EN  
[54] **DEVICES AND METHODS FOR MODULATING BRAIN ACTIVITY**  
[54] **DISPOSITIFS ET METHODES DE MODULATION DE L'ACTIVITE CEREBRALE**  
[72] TYLER, WILLIAM JAMES P., US  
[71] ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY, US  
[85] 2012-05-03  
[86] 2010-11-04 (PCT/US2010/055527)  
[87] 2011-05-12 (WO2011/057028)  
[30] US (61/257,915) 2009-11-04

[21] **2,779,846**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) C07K 7/00 (2006.01)**  
[25] EN  
[54] **POSITIVELY CHARGED SPECIES AS BINDING REAGENTS IN THE SEPARATION OF PROTEIN AGGREGATES FROM MONOMERS**  
[54] **ESPECES CHARGEES POSITIVEMENT UTILISEES EN TANT QUE REACTIFS DE LIAISON DANS LA SEPARATION D'AGGREGATS PROTEIQUES A PARTIR DE MONOMERES**  
[72] GAO, MAN CAROL, US  
[72] WANG, XUEMEI, US  
[72] SALISBURY, CLEO, US  
[72] YAM, ALICE, US  
[72] PERETZ, DAVID, US  
[71] NOVARTIS AG, CH  
[85] 2012-05-03  
[86] 2010-11-04 (PCT/US2010/055528)  
[87] 2011-05-12 (WO2011/057029)  
[30] US (61/258,188) 2009-11-04  
[30] US (61/265,340) 2009-11-30

[21] **2,779,852**  
[13] A1

[51] **Int.Cl. H04W 4/22 (2009.01)**  
[25] EN  
[54] **METHODS AND MECHANISMS FOR MANAGING PRIORITY CALLS IN A CELL**  
[54] **PROCEDES ET MECANISMES DE GESTION D'APPELS PRIORITAIRES DANS UNE CELLULE**  
[72] ISLAM, MUHAMMAD KHALEDUL, CA  
[72] FONG, MO-HAN, CA  
[72] FACCIN, STEFANO M., US  
[72] CHIN, CHEN HO, BE  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055591)  
[87] 2011-05-12 (WO2011/057056)  
[30] US (61/259,067) 2009-11-06

[21] **2,779,860**  
[13] A1

[51] **Int.Cl. A61K 31/496 (2006.01) A61K 31/519 (2006.01) A61K 31/5415 (2006.01) A61K 31/55 (2006.01) A61K 31/5513 (2006.01) A61P 25/18 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF PSYCHOTIC DISORDERS THROUGH THE IDENTIFICATION OF THE SULT4A1-1 HAPLOTYPE**  
[54] **PROCEDES ET COMPOSITIONS POUR TRAITEMENT DE TROUBLES PSYCHOTIQUES PAR IDENTIFICATION DE L'HAPLOTYPE SULT4A1-1**  
[72] RAMSEY, TIMOTHY L., US  
[72] BRENNAN, MARK D., US  
[71] SUREGENE, LLC, US  
[85] 2012-05-03  
[86] 2010-11-04 (PCT/US2010/055457)  
[87] 2011-05-26 (WO2011/062777)  
[30] US (12/612,438) 2009-11-04  
[30] US (12/646,723) 2009-12-23  
[30] US (12/858,917) 2010-08-18  
[30] US (12/859,056) 2010-08-18  
[30] US (12/939,049) 2010-11-03

## PCT Applications Entering the National Phase

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[21] **2,779,887**  
[13] A1  
[51] **Int.Cl. H02K 7/075 (2006.01) B60G 17/015 (2006.01) B60K 7/00 (2006.01) B60K 25/10 (2006.01) H02K 7/18 (2006.01) H02K 33/18 (2006.01) H02K 35/04 (2006.01)**  
[25] EN  
[54] **ELECTRIC MOTOR**  
[54] **MOTEUR ELECTRIQUE**  
[72] HUNTER, IAN W., US  
[71] NUCLEUS SCIENTIFIC, LLC, US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055616)  
[87] 2011-05-12 (WO2011/057070)  
[30] US (12/590,495) 2009-11-09

---

[21] **2,779,889**  
[13] A1  
[51] **Int.Cl. A61K 31/198 (2006.01) A61P 3/00 (2006.01) A61P 3/04 (2006.01)**  
[25] EN  
[54] **A METHOD TO ENHANCE ENDURANCE**  
[54] **PROCEDE POUR AMELIORER L'ENDURANCE**  
[72] HOFFMAN, JAY R., US  
[72] KOMATSU, MIHO, JP  
[72] RATAMESS, NICHOLAS, US  
[72] MORISHITA, KOJI, JP  
[72] SUGIMURA, YOICHIRO (DECEASED), JP  
[72] KANG, JIE, US  
[71] KYOWA HAKKO BIO CO., LTD., JP  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055638)  
[87] 2011-05-12 (WO2011/057082)  
[30] US (61/259,031) 2009-11-06

---

[21] **2,779,897**  
[13] A1  
[51] **Int.Cl. B65B 11/02 (2006.01) B65B 57/08 (2006.01)**  
[25] EN  
[54] **DEMAND BASED WRAPPING**  
[54] **EMBALLAGE A LA DEMANDE**  
[72] LANCASTER, PATRICK R., US  
[72] HARRIS, THOMAS, US  
[72] MITCHELL, MICHAEL, US  
[72] JANES, ROBERT D., US  
[72] JOHNSON, RICHARD, US  
[71] LANTECH.COM, LLC, US  
[85] 2012-05-03  
[86] 2010-11-06 (PCT/US2010/055754)  
[87] 2011-05-12 (WO2011/057166)  
[30] US (61/258,740) 2009-11-06

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[21] **2,779,899**  
[13] A1  
[51] **Int.Cl. G06F 3/041 (2006.01)**  
[25] EN  
[54] **SOLID STATE POSITIVE FORCE TOUCH SENSING**  
[54] **DETECTION TACTILE DE FORCE POSITIVE A SEMI-CONDUCTEURS**  
[72] WADIA, BAHAR N., US  
[71] UICO, INC., US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055674)  
[87] 2011-05-12 (WO2011/057104)  
[30] US (61/258,378) 2009-11-05

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[21] **2,779,900**  
[13] A1  
[51] **Int.Cl. A43B 7/04 (2006.01) A43B 7/02 (2006.01) A43B 17/00 (2006.01)**  
[25] EN  
[54] **FOOTWEAR TEMPERATURE CONTROL METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE COMMANDE DE TEMPERATURE D'ARTICLE CHAUSSANT**  
[72] CRIST, DANIEL W., US  
[72] COBB, LANE C., US  
[71] COLUMBIA SPORTSWEAR NORTH AMERICA, INC., US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055725)  
[87] 2011-05-12 (WO2011/057142)  
[30] US (61/258,554) 2009-11-05

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[21] **2,779,902**  
[13] A1  
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE**  
[54] **METHODES ET COMPOSITIONS DE DIAGNOSTIC ET DE PRONOSTIC DE LESION RENALE ET D'INSUFFISANCE RENALE**  
[72] ANDERBERG, JOSEPH, US  
[72] NAKAMURA, KEVIN, US  
[72] KAMPF, JAMES PATRICK, US  
[72] MCPHERSON, PAUL, US  
[72] GRAY, JEFF, US  
[71] ASTUTE MEDICAL, INC., US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055730)  
[87] 2011-05-12 (WO2011/057147)  
[30] US (61/259,142) 2009-11-07  
[30] US (61/259,140) 2009-11-07  
[30] US (61/259,141) 2009-11-07  
[30] US (61/259,163) 2009-11-07  
[30] US (61/259,143) 2009-11-07  
[30] US (61/259,540) 2009-11-09  
[30] US (61/259,511) 2009-11-09

## Demandes PCT entrant en phase nationale

[21] **2,779,905**  
[13] A1  
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE**  
[54] **METHODES ET COMPOSITIONS DE DIAGNOSTIC ET DE PRONOSTIC DE LESION RENALE ET D'INSUFFISANCE RENALE**  
[72] ANDERBERG, JOSEPH, US  
[72] NAKAMURA, KEVIN, US  
[72] MCPHERSON, PAUL, US  
[72] GRAY, JEFF, US  
[72] KAMPF, JAMES PATRICK, US  
[71] ASTUTE MEDICAL, INC., US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055721)  
[87] 2011-05-12 (WO2011/057138)  
[30] US (61/259,155) 2009-11-07  
[30] US (61/259,157) 2009-11-07  
[30] US (61/259,162) 2009-11-07  
[30] US (61/259,147) 2009-11-07  
[30] US (61/259,152) 2009-11-07  
[30] US (61/259,136) 2009-11-07  
[30] US (61/259,137) 2009-11-07  
[30] US (61/259,160) 2009-11-07  
[30] US (61/259,159) 2009-11-07  
[30] US (61/259,135) 2009-11-07  
[30] US (61/259,139) 2009-11-07  
[30] US (61/259,153) 2009-11-07  
[30] US (61/259,151) 2009-11-07  
[30] US (61/259,148) 2009-11-07  
[30] US (61/259,156) 2009-11-07  
[30] US (61/259,161) 2009-11-07  
[30] US (61/259,145) 2009-11-07  
[30] US (61/285,928) 2009-12-11  
[30] US (61/285,929) 2009-12-11  
[30] US (61/320,723) 2010-04-03  
[30] US (61/346,547) 2010-05-20  
[30] US (61/346,551) 2010-05-20

[21] **2,779,973**  
[13] A1  
[51] **Int.Cl. F25D 21/06 (2006.01) C25D 11/04 (2006.01)**  
[25] EN  
[54] **FROST FREE SURFACES AND METHOD FOR MANUFACTURING THE SAME**  
[54] **SURFACES SANS GIVRE ET LEUR PROCEDE DE PRODUCTION**  
[72] RAN, CHUNBO, CN  
[71] UNILEVER PLC, GB  
[85] 2012-05-03  
[86] 2009-11-10 (PCT/CN2009/001242)  
[87] 2011-05-19 (WO2011/057422)

[21] **2,779,975**  
[13] A1  
[51] **Int.Cl. G06F 3/048 (2006.01)**  
[25] EN  
[54] **PICTURE PROCESSING METHOD AND APPARATUS FOR INSTANT COMMUNICATION TOOL**  
[54] **PROCEDE DE TRAITEMENT D'IMAGE ET APPAREIL POUR UN OUTIL DE COMMUNICATION INSTANTANEE**  
[72] ZHOU, HUANYU, CN  
[72] WANG, CHUNPENG, CN  
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN  
[85] 2012-05-03  
[86] 2011-01-05 (PCT/CN2011/070037)  
[87] 2011-07-28 (WO2011/088756)  
[30] CN (201010102719.8) 2010-01-22

[21] **2,779,978**  
[13] A1  
[51] **Int.Cl. F21S 10/04 (2006.01) F21V 23/00 (2006.01)**  
[25] EN  
[54] **ELECTRONIC LIGHTING DEVICE FOR SIMULATING TRUE FIRE AND METHOD FOR SIMULATING TRUE FIRE BY SAME**  
[54] **DISPOSITIF ELECTRONIQUE ELECTROLUMINESCENT ET PROCEDE DE SIMULATION D'UNE FLAMME REELLE**  
[72] LI, XIAOFENG, CN  
[71] LI, XIAOFENG, CN  
[85] 2012-05-03  
[86] 2011-06-27 (PCT/CN2011/076449)  
[87] 2012-01-05 (WO2012/000418)  
[30] CN (201010211402.8) 2010-06-28

[21] **2,779,979**  
[13] A1  
[51] **Int.Cl. C08G 18/66 (2006.01) B29C 44/10 (2006.01) C08J 9/12 (2006.01) C08J 9/14 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A POLYURETHANE FOAM BY MEANS OF A SUPERCRITICAL OR NEAR-CRITICAL PROPELLANT**  
[54] **PROCEDE DE PRODUCTION D'UNE MOUSSE DE POLYURETHANE AU MOYEN D'UN AGENT GONFLANT A L'ETAT SUPERCRITIQUE OU PROCHE DU POINT CRITIQUE**  
[72] LINDNER, STEFAN, DE  
[72] FRIEDERICHS, WOLFGANG, DE  
[72] STREY, REINHARD, DE  
[72] SOTTMANN, THOMAS, DE  
[72] KHAZOVA, ELENA, DE  
[72] DAHL, VERENA, DE  
[72] KRAMER, LORENZ, DE  
[72] CHALBI, AGNES, DE  
[71] BAYER MATERIALSCIENCE AG, DE  
[85] 2012-05-03  
[86] 2010-11-03 (PCT/EP2010/066744)  
[87] 2011-05-12 (WO2011/054873)  
[30] DE (102009053218.8) 2009-11-06

[21] **2,779,980**  
[13] A1  
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/52 (2006.01)**  
[25] EN  
[54] **REMOTE DIAGNOSIS OF BEVERAGE PREPARATION MACHINES**  
[54] **TELEDIAGNOSTIC SUR MACHINES DE PREPARATION DE BOISSONS**  
[72] GAVILLET, GILLES, CH  
[71] NESTEC S.A., CH  
[85] 2012-05-03  
[86] 2010-11-04 (PCT/EP2010/066768)  
[87] 2011-05-12 (WO2011/054889)  
[30] EP (09175091.9) 2009-11-05

## PCT Applications Entering the National Phase

[21] **2,779,981**  
[13] A1

[51] **Int.Cl. B29C 73/02 (2006.01) B29C 73/24 (2006.01) B65D 77/04 (2006.01)**  
[25] EN  
[54] **GLAZING PANEL CONDITIONING**  
[54] **CONDITIONNEMENT D'UN PANNEAU VITRE**  
[72] SYFKO, PAUL, US  
[71] BELRON HUNGARY KFT-ZUG BRANCH, CH  
[85] 2012-05-03  
[86] 2010-11-09 (PCT/EP2010/067087)  
[87] 2011-05-19 (WO2011/057998)  
[30] GB (GB0919975.3) 2009-11-16

[21] **2,779,985**  
[13] A1

[51] **Int.Cl. D21F 1/00 (2006.01)**  
[25] EN  
[54] **PAPERMAKER'S FORMING FABRIC WITH ENGINEERED DRAINAGE CHANNELS**  
[54] **TISSU DE FORMATION DE FABRICATION DE PAPIER AVEC CANAUX DE DRAINAGE USINES**  
[72] BAUMANN, OLIVER, AT  
[71] WEAVEXX, LLC, US  
[85] 2012-05-03  
[86] 2010-11-01 (PCT/US2010/054906)  
[87] 2011-05-12 (WO2011/056735)  
[30] US (61/257,957) 2009-11-04  
[30] US (12/915,490) 2010-10-29

[21] **2,779,988**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01)**  
[25] EN  
[54] **PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME**  
[54] **PLANTES PRESENTANT DES CARACTERISTIQUES AMELIOREES LIEES AU RENDEMENT ET PROCEDE PERMETTANT DE LES CREER**  
[72] REUZEAU, CHRISTOPHE, BE  
[72] FRANKARD, VALERIE, BE  
[72] HATZFELD, YVES, FR  
[71] BASF PLANT SCIENCE COMPANY GMBH, DE  
[85] 2012-05-03  
[86] 2010-11-10 (PCT/EP2010/067164)  
[87] 2011-05-19 (WO2011/058029)  
[30] US (61/260935) 2009-11-13  
[30] US (61/260939) 2009-11-13  
[30] US (61/260946) 2009-11-13  
[30] EP (09175964.7) 2009-11-13  
[30] EP (09175922.5) 2009-11-13  
[30] EP (09175997.7) 2009-11-13  
[30] EP (09178693.9) 2009-12-10  
[30] US (61/285208) 2009-12-10  
[30] US (61/285219) 2009-12-10  
[30] EP (09178742.4) 2009-12-10

[21] **2,779,989**  
[13] A1

[51] **Int.Cl. C07D 239/94 (2006.01) A61K 31/517 (2006.01) A61K 31/5377 (2006.01) A61P 9/04 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 491/056 (2006.01)**  
[25] EN  
[54] **QUINAZOLINE COMPOUNDS**  
[54] **COMPOSES DE QUINAZOLINE**  
[72] PHILP, JOANNE, US  
[72] LAWHORN, BRIAN GRIFFIN, US  
[72] KALLANDER, LARA S., US  
[71] GLAXOSMITHKLINE LLC, US  
[85] 2012-05-03  
[86] 2010-11-01 (PCT/US2010/054927)  
[87] 2011-05-12 (WO2011/056740)  
[30] US (61/257,646) 2009-11-03

[21] **2,779,990**  
[13] A1

[51] **Int.Cl. A61K 8/11 (2006.01)**  
[25] EN  
[54] **METAL OXIDE NANOCOMPOSITES FOR UV PROTECTION**  
[54] **NANOCOMPOSITES D'OXYDE METALLIQUE POUR UNE PROTECTION CONTRE LES RAYONS UV**  
[72] DISTASO, MONICA, DE  
[72] KLUPP TAYLOR, ROBIN, DE  
[72] SACHWEH, BERND, DE  
[72] WOHLLEBEN, WENDEL, DE  
[72] KOBAN, WIELAND, DE  
[72] PEUKERT, WOLFGANG, DE  
[71] BASF SE, DE  
[85] 2012-05-03  
[86] 2010-11-15 (PCT/EP2010/067425)  
[87] 2011-05-19 (WO2011/058155)  
[30] US (61/261,387) 2009-11-16  
[30] EP (09176122.1) 2009-11-16  
[30] EP (09176751.7) 2009-11-23

[21] **2,779,994**  
[13] A1

[51] **Int.Cl. A61K 8/86 (2006.01) A61K 8/22 (2006.01) A61K 8/49 (2006.01) A61Q 11/00 (2006.01)**  
[25] EN  
[54] **ORAL COMPOSITIONS FOR TREATMENT OF DRY MOUTH**  
[54] **COMPOSITIONS BUCCALES DESTINEES A TRAITER LA SECHERESSE BUCCALE**  
[72] CAUPP, CHRISTINE LULA, US  
[72] SNIDER, ANN GILLIGAN, US  
[72] SALLOUM, DAVID S., US  
[72] SCOTT, DOUGLAS CRAIG, US  
[71] THE PROCTER AND GAMBLE COMPANY, US  
[85] 2012-05-03  
[86] 2010-11-01 (PCT/US2010/054956)  
[87] 2011-05-12 (WO2011/056748)  
[30] US (61/257,677) 2009-11-03  
[30] US (12/914,669) 2010-10-28

## Demandes PCT entrant en phase nationale

[21] **2,779,995**  
[13] A1

[51] **Int.Cl. C08F 2/18 (2006.01) C08F 12/08 (2006.01) C08K 5/02 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE POLYMERIZATION OF STYRENE**  
[54] **PROCEDE DE POLYMERISATION DU STYRENE**  
[72] FISCHER, BART, NL  
[72] HOGT, ANDREAS HERMAN, NL  
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL  
[85] 2012-05-03  
[86] 2010-12-07 (PCT/EP2010/069012)  
[87] 2011-06-16 (WO2011/069983)  
[30] EP (09178690.5) 2009-12-10  
[30] US (61/285,316) 2009-12-10

[21] **2,779,997**  
[13] A1

[51] **Int.Cl. G06T 3/00 (2006.01)**  
[25] EN  
[54] **ORTHORECTIFYING STITCHED OBLIQUE IMAGERY TO A NADIR VIEW, AND APPLICATIONS THEREOF**  
[54] **ORTHORECTIFICATION D'IMAGES OBLIQUES MAILLEES POUR UNE VUE NADIRALE ET SES APPLICATIONS**  
[72] WILSON, RANDALL, US  
[72] ZELINKA, STEPHEN D., US  
[72] RHODES, CHARLES C., US  
[72] KIRMSE, ANDREW, US  
[71] GOOGLE INC., US  
[85] 2012-05-03  
[86] 2010-11-09 (PCT/US2010/056013)  
[87] 2011-05-12 (WO2011/057258)  
[30] US (12/591,113) 2009-11-09

[21] **2,779,998**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **METHOD AND NETWORK ENTITY FOR SESSION INITIATION PROTOCOL HEADER MODIFICATION**  
[54] **PROCEDE ET ENTITE DE RESEAU POUR UNE MODIFICATION D'ENTETE DE PROTOCOLE D'OUVERTURE DE SESSION**  
[72] SHATSKY, ALEX, CA  
[72] MCCOLGAN, BRIAN, CA  
[72] ALLEN, ANDREW M., US  
[72] BUCKLEY, ADRIAN, US  
[72] BAKKER, JAN HENDRIK LUCAS, US  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2012-05-03  
[86] 2010-11-01 (PCT/US2010/054963)  
[87] 2011-05-12 (WO2011/056750)  
[30] US (12/611,750) 2009-11-03

[21] **2,780,000**  
[13] A1

[51] **Int.Cl. G09F 3/02 (2006.01)**  
[25] EN  
[54] **LABEL SHEET ASSEMBLY AND METHOD OF MAKING THE SAME**  
[54] **ENSEMBLE FEUILLES D'ETIQUETTES ET PROCEDE DE FABRICATION ASSOCIE**  
[72] RAMIREZ VILLEGAS, GILDARDO, MX  
[72] VEYNA HERNANDEZ, ALEJANDRO G., MX  
[72] BRISEE, FLORENCE M., US  
[72] UGOLICK, RONALD, US  
[72] HODSDON, JERRY G., US  
[72] NOVAK, MICHAEL, US  
[72] HONG, LE H., US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2012-05-03  
[86] 2010-11-09 (PCT/US2010/056087)  
[87] 2011-05-19 (WO2011/059987)  
[30] US (12/617,710) 2009-11-12

[21] **2,780,002**  
[13] A1

[51] **Int.Cl. F01N 3/28 (2006.01) B01D 53/94 (2006.01) F01N 3/24 (2006.01)**  
[25] EN  
[54] **APPARATUS WITH CATALYST FOR THE REDUCTION OF NITROGEN DIOXIDE (NO2) TO NITRIC OXIDE (NO) BY CHEMICAL MEANS IN A DIESEL CATALYTIC SUPPORT**  
[54] **APPAREIL AVEC CATALYSEUR POUR LA REDUCTION DU DIOXYDE D'AZOTE (NO2) EN ACIDE NITRIQUE (NO) PAR MOYEN CHIMIQUE DANS UN SUPPORT CATALYTIQUE POUR MOTEUR DIESEL**  
[72] ROBERTS, THOMAS RICHARD, US  
[72] IACUBUCCI, THOMAS A., US  
[72] FRONHEISER, DENNIS ROLAND, US  
[71] AIRFLOW CATALYST SYSTEMS, INC., US  
[85] 2012-05-03  
[86] 2010-11-11 (PCT/US2010/056319)  
[87] 2011-05-26 (WO2011/062832)  
[30] US (12/623,538) 2009-11-23

[21] **2,780,003**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 3/06 (2006.01)**  
[25] EN  
[54] **CONSISTENCY WITHOUT ORDERING DEPENDENCY**  
[54] **COHERENCE SANS DEPENDANCE A L'ORDRE**  
[72] VERMA, SURENDRA, US  
[72] CARGILLE, JONATHAN M., US  
[72] TIPTON, WILLIAM R., US  
[72] MILLER, THOMAS J., US  
[71] MICROSOFT CORPORATION, US  
[85] 2012-05-03  
[86] 2010-11-11 (PCT/US2010/056311)  
[87] 2011-06-16 (WO2011/071656)  
[30] US (12/635,725) 2009-12-11

## PCT Applications Entering the National Phase

[21] **2,780,005**  
[13] A1

[51] **Int.Cl. A61B 5/024 (2006.01) A61B 5/0478 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR COMBINED PHYSIOLOGICAL SENSORS**  
[54] **SYSTEMES ET PROCEDES POUR CAPTEURS PHYSIOLOGIQUES COMBINES**  
[72] CHEN, BO, US  
[72] LI, YOUZHI, US  
[72] ADDISON, PAUL, GB  
[72] MCKENNA, EDWARD, US  
[71] NELLCOR PURITAN BENNETT LLC, US  
[85] 2012-05-03  
[86] 2010-11-12 (PCT/US2010/056452)  
[87] 2011-05-19 (WO2011/060220)  
[30] US (61/260,734) 2009-11-12

[21] **2,780,006**  
[13] A1

[51] **Int.Cl. C07D 491/04 (2006.01) A61K 31/4741 (2006.01) A61K 31/4743 (2006.01) A61P 31/04 (2006.01) C07D 495/04 (2006.01)**  
[25] EN  
[54] **TRICYCLIC ANTIBIOTICS**  
[54] **ANTIBIOTIQUES TRICYCLIQUES**  
[72] XIE, TONG, CN  
[72] DANIEL, FRANCK HUBERT, FR  
[72] GAUCHER, BERANGERE, FR  
[72] TANG, XIAOHU, CN  
[72] XU, LIN, CN  
[71] BASILEA PHARMACEUTICA AG, CH  
[85] 2012-05-03  
[86] 2010-12-17 (PCT/EP2010/070043)  
[87] 2011-06-23 (WO2011/073378)  
[30] EP (09179956.9) 2009-12-18

[21] **2,780,007**  
[13] A1

[51] **Int.Cl. C09K 21/02 (2006.01)**  
[25] EN  
[54] **MULTI-LAYER FIRE PROTECTION MATERIAL**  
[54] **MATERIAU DE PROTECTION CONTRE LES INCENDIES MULTICOUCHE**  
[72] WIERZBICKI, MICHELE, US  
[72] MILLER, KENNETH B., US  
[72] FERNANDO, JOSEPH A., US  
[71] UNIFRAX I LLC, US  
[85] 2012-05-03  
[86] 2010-11-12 (PCT/US2010/056532)  
[87] 2011-05-19 (WO2011/060259)  
[30] US (61/261,082) 2009-11-13

[21] **2,780,008**  
[13] A1

[51] **Int.Cl. H01P 5/02 (2006.01) H01P 5/04 (2006.01) H01P 5/12 (2006.01) H01P 5/18 (2006.01)**  
[25] EN  
[54] **SELECTABLE COUPLING LEVEL WAVEGUIDE COUPLER**  
[54] **COUPLEUR DE GUIDE D'ONDES A NIVEAU DE COUPLAGE SELECTIONNABLE**  
[72] BRANDAU, RONALD, US  
[71] ANDREW LLC, US  
[85] 2012-05-03  
[86] 2011-09-08 (PCT/US2011/050764)  
[87] 2012-04-19 (WO2012/050689)  
[30] US (12/901,760) 2010-10-11

[21] **2,780,009**  
[13] A1

[51] **Int.Cl. A47B 88/04 (2006.01)**  
[25] EN  
[54] **CLOSING DEVICE FOR DRAWERS**  
[54] **DISPOSITIF DE FERMETURE POUR TIROIRS**  
[72] BOKS, MICHAEL J., US  
[71] KNAPE & VOGT MANUFACTURING COMPANY, US  
[85] 2012-05-03  
[86] 2010-11-02 (PCT/US2010/055124)  
[87] 2011-05-12 (WO2011/056792)  
[30] US (61/257,927) 2009-11-04  
[30] US (12/914,519) 2010-10-28

[21] **2,780,010**  
[13] A1

[51] **Int.Cl. B01J 31/16 (2006.01) B01J 23/52 (2006.01) B01J 31/24 (2006.01) B32B 9/00 (2006.01) C08G 61/02 (2006.01)**  
[25] EN  
[54] **METAL COLLOIDS WITH ACCESSIBLE METAL SURFACES**  
[54] **COLLOIDES METALLIQUES PRESENTANT DES SURFACES METALLIQUES ACCESSIBLES**  
[72] KATZ, ALEXANDER, US  
[72] SOLOVYOV, ANDREW, US  
[72] HA, JEONG-MYEONG, US  
[72] DE SILVA, NAMAL, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055686)  
[87] 2011-05-12 (WO2011/057109)  
[30] US (61/258,814) 2009-11-06

[21] **2,780,012**  
[13] A1

[51] **Int.Cl. B09C 1/02 (2006.01)**  
[25] EN  
[54] **SUBSURFACE CONTAMINANT CAPTURE COMPOSITION**  
[54] **COMPOSITION DE PIEGEAGE DES CONTAMINANTS SOUTERRAINS**  
[72] FARONE, WILLIAM A., US  
[72] MORK, BENJAMIN V., US  
[72] PALMER, TRACY, US  
[72] WILSON, SCOTT B., US  
[71] FARONE, WILLIAM A., US  
[71] MORK, BENJAMIN V., US  
[71] PALMER, TRACY, US  
[71] WILSON, SCOTT B., US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055698)  
[87] 2011-05-12 (WO2011/057117)  
[30] US (61/258,317) 2009-11-05  
[30] US (12/939,350) 2010-11-04

[21] **2,780,013**  
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01)**  
[25] EN  
[54] **CLOUD COMPUTING MONITORING AND MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION ET DE SURVEILLANCE D'INFORMATIQUE DEMATERIALISEE**  
[72] GRIFFIN, BRYAN, US  
[72] WHEELER, BRADLEY, US  
[71] MICROSOFT CORPORATION, US  
[85] 2012-05-03  
[86] 2010-11-05 (PCT/US2010/055739)  
[87] 2011-06-16 (WO2011/071624)  
[30] US (12/636,712) 2009-12-12

## Demandes PCT entrant en phase nationale

[21] **2,780,014**  
[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/372 (2006.01)**  
[25] EN  
[54] **IMPLANTABLE NEUROSTIMULATOR WITH A PROGRAMMER AND A METHOD OF IDENTIFYING A LEAD BY MEASURING AN ELECTRICAL FINGERPRINT**  
[54] **NEUROSTIMULATEUR IMPLANTABLE EQUIPE D'UN PROGRAMMATEUR ET PROCEDE D'IDENTIFICATION D'UNE DERIVATION PAR MESURE D'UNE EMPREINTE ELECTRIQUE**  
[72] PETERSON, DAVID K. L., US  
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US  
[85] 2012-05-03  
[86] 2010-11-08 (PCT/US2010/055868)  
[87] 2011-05-12 (WO2011/057213)  
[30] US (61/259,509) 2009-11-09

[21] **2,780,015**  
[13] A1

[51] **Int.Cl. B23C 5/26 (2006.01)**  
[25] EN  
[54] **SPINDLE APPARATUS FOR RECEIVING AND DRIVING A TOOL HOLDER**  
[54] **DISPOSITIF BROCHE DESTINE A RECEVOIR ET A ENTRAINER UN PORTE-OUTIL**  
[72] FRY, TIMOTHY ANDREW, US  
[72] GHOLSON, DOUGLAS ALAN, US  
[72] MCKINNEY, JAMES ALLEN, US  
[72] SCHNEPEL, MALTE, DE  
[72] BEGEMANN, AXEL, DE  
[71] PRECISION DRIVE SYSTEMS, LLC, US  
[85] 2012-05-03  
[86] 2010-11-09 (PCT/US2010/055891)  
[87] 2011-06-09 (WO2011/068637)  
[30] US (61/283,488) 2009-12-04  
[30] US (12/941,186) 2010-11-08

[21] **2,780,016**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **SIZE-BASED GENOMIC ANALYSIS**  
[54] **ANALYSE GENOMIQUE BASEE SUR LA TAILLE**  
[72] LO, YUK MING DENNIS, CN  
[72] CHAN, KWAN CHEE, CN  
[72] ZHENG, WENLI, CN  
[72] CHIU, WAI KWUN ROSSA, CN  
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN  
[85] 2012-05-02  
[86] 2010-11-05 (PCT/EP2010/066935)  
[87] 2011-05-12 (WO2011/054936)  
[30] US (61/259,076) 2009-11-06  
[30] US (61/360,399) 2010-06-30

[21] **2,780,017**  
[13] A1

[51] **Int.Cl. C02F 3/12 (2006.01)**  
[25] FR  
[54] **METHOD FOR TREATING WATER WITHIN A SEQUENTIAL BIOLOGICAL REACTOR INCLUDING AN IN-LINE MEASUREMENT OF THE NITRITE CONCENTRATION INSIDE SAID REACTOR**  
[54] **PROCEDE DE TRAITEMENT D'EAU AU SEIN D'UN REACTEUR BIOLOGIQUE SEQUENTIEL COMPRENANT UNE MESURE EN LIGNE DE LA CONCENTRATION EN NITRITES A L'INTERIEUR DUDIT REACTEUR**  
[72] LEMAIRE, ROMAIN, FR  
[72] CHAUZY, JULIEN, FR  
[72] SORENSEN, KIM, FR  
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR  
[85] 2012-05-02  
[86] 2010-11-08 (PCT/EP2010/067004)  
[87] 2011-05-26 (WO2011/061084)  
[30] FR (0958205) 2009-11-20

[21] **2,780,018**  
[13] A1

[51] **Int.Cl. C07D 473/34 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01) C07D 519/00 (2006.01)**  
[25] EN  
[54] **N-7 SUBSTITUTED PURINE AND PYRAZOLOPYRIMIDINE COMPOUNDS, COMPOSITIONS AND METHODS OF USE**  
[54] **COMPOSES DE PYRAZOLOPYRIMIDINE ET DE PURINE N-7-SUBSTITUES, COMPOSITIONS ET PROCEDES D'UTILISATION CORRESPONDANTS**  
[72] LYSSIKATOS, JOSEPH P., US  
[72] LEE, WENDY M., US  
[72] ROBARGE, KIRK D., US  
[72] PEI, ZHONGHUA, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-02  
[86] 2010-11-10 (PCT/EP2010/067159)  
[87] 2011-05-19 (WO2011/058025)  
[30] US (61/260,628) 2009-11-12

[21] **2,780,019**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 39/04 (2006.01) A01N 47/36 (2006.01)**  
[25] EN  
[54] **SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING AMINOPYRALID AND SULFONYLUREAS**  
[54] **COMPOSITION HERBICIDE SYNERGIQUE CONTENANT DE L'AMINOPYRALIDE ET DES SULFONYLUREES**  
[72] LOVE, CHRISTOPHER O., AU  
[72] CORR, IAN D., NZ  
[71] DOW AGROSCIENCES LLC, US  
[85] 2012-05-03  
[86] 2010-11-12 (PCT/US2010/056468)  
[87] 2011-05-19 (WO2011/060230)  
[30] US (61/260,994) 2009-11-13

## PCT Applications Entering the National Phase

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[21] **2,780,020**  
[13] A1  
[51] **Int.Cl. E06B 3/677 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCTION OF INSULATING GLASS FILLED WITH A GAS OTHER THAN AIR**  
[54] **PROCEDE DE FABRICATION D'UN VERRE ISOLANT REMPLI D'UN GAZ DIFFERENT DE L'AIR**  
[72] MADER, LEOPOLD, AT  
[71] INOVA LISEC  
TECHNOLOGIEZENTRUM GMBH, AT  
[85] 2012-05-04  
[86] 2011-08-02 (PCT/AT2011/000322)  
[87] 2012-03-29 (WO2012/037585)  
[30] AT (A 1585/2010) 2010-09-23

---

[21] **2,780,021**  
[13] A1  
[51] **Int.Cl. H02K 5/15 (2006.01) H02K 1/22 (2006.01) H02K 5/16 (2006.01)**  
[25] EN  
[54] **ELECTRIC MOTOR ASSEMBLY**  
[54] **ENSEMBLE MOTEUR ELECTRIQUE**  
[72] CAMILLERI, STEVEN, AU  
[72] TURNER, MATTHEW, AU  
[71] FASCO ASIA PACIFIC PTY LTD, AU  
[85] 2012-05-04  
[86] 2010-10-22 (PCT/AU2010/001404)  
[87] 2011-05-19 (WO2011/057322)  
[30] AU (2009905588) 2009-11-13

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[21] **2,780,022**  
[13] A1  
[51] **Int.Cl. G09B 15/06 (2006.01)**  
[25] EN  
[54] **KEYBOARD MUSICAL INSTRUMENT LEARNING AID**  
[54] **AIDE A L'APPRENTISSAGE D'INSTRUMENTS MUSICAUX A TOUCHES**  
[72] BAROSSO, LUIGI, AU  
[72] BAROSSO, CARLA, AU  
[71] BAROSSO, LUIGI, AU  
[71] BAROSSO, CARLA, AU  
[85] 2012-05-04  
[86] 2010-12-02 (PCT/AU2010/001623)  
[87] 2011-06-09 (WO2011/066613)  
[30] AU (2009905916) 2009-12-03

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[21] **2,780,023**  
[13] A1  
[51] **Int.Cl. B03C 1/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR CONCENTRATING MAGNETICALLY SEPARATED COMPONENTS FROM ORE SUSPENSIONS AND FOR REMOVING SAID COMPONENTS FROM A MAGNETIC SEPARATOR AT A LOW LOSS RATE**  
[54] **PROCEDE PERMETTANT DE CONCENTRER DES COMPOSANTS SEPARES PAR MAGNETISME DE SUSPENSIONS DE MINERAIS ET D'ECLUSER CES COMPOSANTS HORS D'UN SEPARATEUR MAGNETIQUE AVEC PEU DE PERTES**  
[72] RIEGER, REINHOLD, DE  
[72] OSWALD, JURGEN, DE  
[71] BASF SE, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2012-05-02  
[86] 2010-11-10 (PCT/EP2010/067172)  
[87] 2011-05-19 (WO2011/058033)  
[30] EP (09175643.7) 2009-11-11

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[21] **2,780,024**  
[13] A1  
[51] **Int.Cl. G01N 33/53 (2006.01) C07K 16/02 (2006.01)**  
[25] EN  
[54] **IMMUNOASSAY FOR ASSESSING RELATED ANALYTES OF DIFFERENT ORIGIN**  
[54] **DOSAGE IMMUNOLOGIQUE POUR LE DOSAGE D'ANALYTES APPARENTES D'ORIGINE DIFFERENTE**  
[72] SUNDREHAGEN, BARD, NO  
[71] GENTIAN AS, NO  
[85] 2012-05-02  
[86] 2010-11-11 (PCT/EP2010/067263)  
[87] 2011-05-19 (WO2011/058087)  
[30] EP (09175706.2) 2009-11-11

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[21] **2,780,025**  
[13] A1  
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01) A61K 31/231 (2006.01) A61K 31/232 (2006.01) A61P 17/00 (2006.01) A61P 17/02 (2006.01) A61P 17/16 (2006.01)**  
[25] EN  
[54] **DERMATOLOGICAL COMPOSITIONS COMPRISING A FAT OR OIL OF AN ESSENTIAL FATTY ACID TRIGLYCERIDE**  
[54] **INDUCTEUR DE LA DEFENSINE**  
[72] RAWLINGS, ANTHONY VINCENT, GB  
[72] JONES, DEBRA LOUISE, GB  
[71] CRODA INTERNATIONAL PLC, GB  
[85] 2012-05-04  
[86] 2010-11-09 (PCT/GB2010/002043)  
[87] 2011-06-03 (WO2011/064524)  
[30] GB (0920846.3) 2009-11-27

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[21] **2,780,026**  
[13] A1  
[51] **Int.Cl. A61F 2/68 (2006.01) A61F 2/60 (2006.01) A61F 2/64 (2006.01) A61F 2/66 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND CONTROL METHODOLOGIES FOR IMPROVING STABILITY IN POWERED LOWER LIMB DEVICES**  
[54] **SYSTEMES ET METHODOLOGIES DE COMMANDE POUR AMELIORER LA STABILITE DANS DES DISPOSITIFS DE MEMBRES INFERIEURS MOTORISES**  
[72] VAROL, HUSEYIN ATAKAN, US  
[72] GOLDFARB, MICHAEL, US  
[72] LAWSON, BRIAN EDWARD, US  
[72] SUP, FRANK CHARLES, US  
[71] VANDERBILT UNIVERSITY, US  
[85] 2012-05-03  
[86] 2010-10-29 (PCT/US2010/054655)  
[87] 2011-08-11 (WO2011/096965)  
[30] US (61/258,079) 2009-11-04

## Demandes PCT entrant en phase nationale

[21] **2,780,027**  
[13] A1

[51] **Int.Cl. C07C 255/21 (2006.01) C07C 67/31 (2006.01) C07C 67/343 (2006.01) C07C 69/675 (2006.01) C07C 69/716 (2006.01) C07D 319/06 (2006.01)**

[25] EN  
[54] **CONTINUOUS PROCESS FOR THE PRODUCTION OF BETA-KETO ESTERS BY CLAISEN CONDENSATION**  
[54] **PROCEDE CONTINU POUR LA PRODUCTION DE BETA-CETO ESTERS PAR CONDENSATION DE CLAISEN**

[72] MCCORMACK, PETER, GB  
[72] WARR, ANTONY JOHN, GB  
[72] LATHAM, ELLIOT, GB  
[71] PHOENIX CHEMICALS LIMITED, GB

[85] 2012-05-04  
[86] 2010-10-22 (PCT/GB2010/051778)  
[87] 2011-04-28 (WO2011/048425)  
[30] GB (0918613.1) 2009-10-23

[21] **2,780,028**  
[13] A1

[51] **Int.Cl. C08G 81/00 (2006.01) A61L 33/00 (2006.01) C08F 8/34 (2006.01) C08F 16/06 (2006.01) C08F 18/08 (2006.01) C08F 26/10 (2006.01) C08G 77/392 (2006.01) C08G 77/46 (2006.01) C08G 83/00 (2006.01) C08G 85/00 (2006.01)**

[25] EN  
[54] **HYDROPHILIC POLYMER COMPOUND HAVING ANTICOAGULATION EFFECT**  
[54] **COMPOSE POLYMERE HYDROPHILE POSSEDANT UNE ACTIVITE ANTICOAGULANTE**

[72] SAKAGUCHI, HIROKAZU, JP  
[72] SAKAGUCHI, YUKA, JP  
[72] TANAHASHI, KAZUHIRO, JP  
[71] TORAY INDUSTRIES, INC., JP

[85] 2012-05-04  
[86] 2010-12-22 (PCT/JP2010/073092)  
[87] 2011-06-30 (WO2011/078208)  
[30] JP (2009-292146) 2009-12-24

[21] **2,780,029**  
[13] A1

[51] **Int.Cl. A41D 1/04 (2006.01)**

[25] EN  
[54] **CLOTHING ITEM**  
[54] **VETEMENT**

[72] LAMBERTZ, BODO W., CH  
[71] X-TECHNOLOGY SWISS GMBH, CH

[85] 2012-05-04  
[86] 2010-11-08 (PCT/EP2010/006778)  
[87] 2011-03-19 (WO2011/057746)  
[30] DE (20 2009 015 269.3) 2009-11-11

[21] **2,780,030**  
[13] A1

[51] **Int.Cl. F03D 1/00 (2006.01) F03D 11/02 (2006.01)**

[25] EN  
[54] **WIND TURBINE**  
[54] **EOLIENNE**

[72] YOON, JEEN MOK, KR  
[71] YOON, JEEN MOK, KR

[85] 2012-05-04  
[86] 2010-12-28 (PCT/KR2010/009413)  
[87] 2011-07-07 (WO2011/081401)  
[30] KR (10-2009-0134940) 2009-12-30

[21] **2,780,031**  
[13] A1

[51] **Int.Cl. C07D 235/14 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61K 31/4196 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/55 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) C07D 235/30 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01)**

[25] EN  
[54] **A COMPOUND, A PROCESS FOR ITS PREPARATION, A PHARMACEUTICAL COMPOSITION, USE OF A COMPOUND, A METHOD FOR MODULATING OR REGULATING SERINE/THREONINE KINASES AND A SERINE/THREONINE KINASES MODULATING AGENT**  
[54] **COMPOSE, PROCEDE POUR SA PREPARATION, COMPOSITION PHARMACEUTIQUE, UTILISATION D'UN COMPOSE, PROCEDE DE MODULATION OU DE REGULATION DE SERINE/THREONINE KINASES ET AGENT MODULATEUR DE SERINE/THREONINE KINASES**

[72] MILLIK, MARIUSZ, PL  
[72] CZARDYBON, WOJCIECH, PL  
[72] SABINIARZ, ALEKSANDRA, PL  
[72] WINDAK, RENATA, PL  
[72] BRZOZKA, KRZYSZTOF, PL  
[72] ZAREBSKI, ADRIAN, PL  
[72] BEUZEN, NICOLAS, PL  
[71] SELVITA S.A., PL

[85] 2012-05-02  
[86] 2010-11-12 (PCT/EP2010/067385)  
[87] 2011-05-19 (WO2011/058139)  
[30] EP (09460048.3) 2009-11-12  
[30] US (12/617,067) 2009-11-12

[21] **2,780,034**  
[13] A1

[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/4184 (2006.01) A61P 31/12 (2006.01)**

[25] EN  
[54] **BENZIMIDAZOLE-IMIDAZOLE DERIVATIVES**  
[54] **DERIVES BENZIMIDAZOLE-IMIDAZOLE**

[72] VANDYCK, KOEN, BE  
[72] LAST, STEFAAN JULIEN, BE  
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE  
[72] HOUPIS, IOANNIS NICOLAOS, BE  
[71] JANSSEN R&D IRELAND, IE

[85] 2012-05-04  
[86] 2010-11-03 (PCT/EP2010/066668)  
[87] 2011-05-12 (WO2011/054834)  
[30] EP (09175015.8) 2009-11-04  
[30] EP (10154583.8) 2010-02-24

[21] **2,780,032**  
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A61K 8/99 (2006.01) A61K 35/74 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)**

[25] EN  
[54] **HEALTH-PROMOTING COMPOSITION AND PREPARATION METHOD**  
[54] **PREPARATION FAVORABLE A LA SANTE ET PROCEDE DE FABRICATION**

[72] BRYAN, COOPER, DE  
[71] BASF SE, DE

[85] 2012-05-04  
[86] 2010-10-11 (PCT/EP2010/065180)  
[87] 2011-05-19 (WO2011/057872)  
[30] EP (09014070.8) 2009-11-10

[21] **2,780,033**  
[13] A1

[51] **Int.Cl. C07D 309/14 (2006.01) A61K 31/7012 (2006.01) A61P 31/12 (2006.01) C07H 19/056 (2006.01)**

[25] EN  
[54] **SIALOCHIMERIC COMPOUNDS**  
[54] **COMPOSES SIALOCHIMERIQUES**

[72] VERONESI, ANNA MARIA, IT  
[72] RODRIGUEZ, PABLO E.A., AR  
[72] VERONESI, PAOLO ALBERTO, IT  
[72] PESCHECHERA, EMANUELA, IT  
[71] THERAPICON S.R.L., IT

[85] 2012-05-02  
[86] 2010-11-25 (PCT/EP2010/068229)  
[87] 2011-06-03 (WO2011/064303)  
[30] IT (MI2009A002071) 2009-11-25

[21] **2,780,034**  
[13] A1

[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/4184 (2006.01) A61P 31/12 (2006.01)**

[25] EN  
[54] **BENZIMIDAZOLE-IMIDAZOLE DERIVATIVES**  
[54] **DERIVES BENZIMIDAZOLE-IMIDAZOLE**

[72] VANDYCK, KOEN, BE  
[72] LAST, STEFAAN JULIEN, BE  
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE  
[72] HOUPIS, IOANNIS NICOLAOS, BE  
[71] JANSSEN R&D IRELAND, IE

[85] 2012-05-04  
[86] 2010-11-03 (PCT/EP2010/066668)  
[87] 2011-05-12 (WO2011/054834)  
[30] EP (09175015.8) 2009-11-04  
[30] EP (10154583.8) 2010-02-24

## PCT Applications Entering the National Phase

[21] **2,780,035**  
[13] A1

[51] **Int.Cl. C08F 10/02 (2006.01) C10M 101/02 (2006.01) H01B 3/44 (2006.01)**  
[25] EN  
[54] **A POLYMER COMPOSITION COMPRISING A POLYOLEFIN PRODUCED IN A HIGH PRESSURE PROCESS, A HIGH PRESSURE PROCESS AND AN ARTICLE**  
[54] **COMPOSITION POLYMERE COMPRENANT UNE POLYOLEFINE PRODUITE DANS UN PROCESSUS A HAUTE PRESSION, PROCESSUS A HAUTE PRESSION ET ARTICLE ASSOCIE**  
[72] NILSSON, ULF, SE  
[72] BLOK, ACHIM, SE  
[72] VOIGT, BJORN, SE  
[72] SMEDBERG, ANNIKA, SE  
[72] CAMPUS, ALFRED, CH  
[71] BOREALIS AG, AT  
[85] 2012-05-04  
[86] 2010-11-03 (PCT/EP2010/066710)  
[87] 2011-05-19 (WO2011/057926)  
[30] EP (09175694.0) 2009-11-11

[21] **2,780,036**  
[13] A1

[51] **Int.Cl. C07D 209/86 (2006.01) C08F 2/50 (2006.01) G03F 7/031 (2006.01)**  
[25] EN  
[54] **PHOTOINITIATORS FOR UV-LED CURABLE COMPOSITIONS AND INKS**  
[54] **PHOTOINITIATEURS POUR COMPOSITIONS DURCISSABLES PAR DEL UV ET ENCRE**  
[72] LOCCUFIER, JOHAN, BE  
[71] AGFA-GEVAERT, BE  
[85] 2012-05-02  
[86] 2010-12-06 (PCT/EP2010/068940)  
[87] 2011-06-16 (WO2011/069947)  
[30] EP (09178164.1) 2009-12-07  
[30] US (61/267,468) 2009-12-08

[21] **2,780,037**  
[13] A1

[51] **Int.Cl. A61F 6/00 (2006.01) B65D 75/58 (2006.01)**  
[25] FR  
[54] **CONDOM WRAPPING**  
[54] **EMBALLAGE POUR PRESERVATIF**  
[72] DE WALEFFE, XAVIER, BE  
[71] DE WALEFFE, XAVIER, BE  
[85] 2012-05-04  
[86] 2010-11-03 (PCT/EP2010/066755)  
[87] 2011-05-19 (WO2011/057931)  
[30] LU (91622) 2009-11-13

[21] **2,780,040**  
[13] A1

[51] **Int.Cl. C07D 207/263 (2006.01) A61K 31/4015 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **4R,5S-ENANTIOMER OF 2-(5-METHYL-2-OXO-4-PHENYL-PYRROLIDIN-1-YL)-ACETAMIDE WITH NOOTROPIC ACTIVITY**  
[54] **ENANTIOMERE 4R,5S DE 2-(5-METHYL-2-OXO-4-PHENYL-PYRROLIDIN-1-YL)-ACETAMIDE AYANT UNE ACTIVITE NOOTROPIQUE**  
[72] VEINBERGS, GRIGORIJS, LV  
[72] VORONA, MAKSIMS, LV  
[72] CERNOBROVIJS, ALEKSANDRS, LV  
[72] DAMBROVA, MAIJA, LV  
[72] ZVEJNIECE, LIGA, LV  
[72] KALVINS, IVARS, LV  
[72] LEBEDEVS, ANTONS, LV  
[71] GRINDEKS, A JOINT STOCK COMPANY, LV  
[85] 2012-05-04  
[86] 2010-11-04 (PCT/EP2010/066767)  
[87] 2011-05-12 (WO2011/054888)  
[30] LV (P-09-193) 2009-11-05

[21] **2,780,042**  
[13] A1

[51] **Int.Cl. H02M 3/158 (2006.01)**  
[25] EN  
[54] **BUCK CONVERTER AND INVERTER COMPRISING THE SAME**  
[54] **CONVERTISSEUR BUCK ET ONDULEUR COMPRENANT CELUI-CI**  
[72] KANZANBAS, MEHMED, DE  
[72] ARAUJO, SAMUEL VASCONCELOS, DE  
[72] SAHAN, BENJAMIN, DE  
[72] ZACHARIAS, PETER, DE  
[72] FALK, ANDREAS, DE  
[71] SMA SOLAR TECHNOLOGY AG, DE  
[85] 2012-05-04  
[86] 2010-11-09 (PCT/EP2010/067078)  
[87] 2011-05-12 (WO2011/054962)  
[30] DE (10 2009 052 461.4) 2009-11-09

[21] **2,780,043**  
[13] A1

[21] **2,780,043**  
[13] A1

[51] **Int.Cl. A61K 38/26 (2006.01) A61K 47/18 (2006.01) A61P 3/10 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION COMPRISING A GLP-1 AGONIST AND METHIONINE**  
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN AGONISTE DE GLP-1 ET DE LA METHIONINE**  
[72] MULLER, WERNER, DE  
[72] BRUNNER-SCHWARZ, ANETTE, DE  
[72] SIEFKE-HENZLER, VERENA, DE  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2012-05-04  
[86] 2010-11-11 (PCT/EP2010/067249)  
[87] 2011-05-19 (WO2011/058082)  
[30] DE (102009052832.6) 2009-11-13  
[30] DE (102010011919.9) 2010-03-18

[21] **2,780,044**  
[13] A1

[51] **Int.Cl. G01N 33/576 (2006.01) C12Q 1/70 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **BIOMARKERS FOR PREDICTING RAPID RESPONSE TO HCV TREATMENT**  
[54] **MARQUEURS BIOLOGIQUES DESTINES A PREDIRE UNE REACTION RAPIDE AU TRAITEMENT DU VIRUS DE L'HEPATITE C (HCV)**  
[72] CHIU, SHU-HUI, US  
[72] ZHU, YONGHONG, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-04  
[86] 2010-11-11 (PCT/EP2010/067252)  
[87] 2011-05-19 (WO2011/058084)  
[30] US (61/261,324) 2009-11-14

[21] **2,780,045**  
[13] A1

[51] **Int.Cl. B23B 29/06 (2006.01) B23B 29/04 (2006.01)**  
[25] EN  
[54] **CUTTING TOOL ASSEMBLY**  
[54] **ENSEMBLE OUTIL DE COUPE**  
[72] FARRAJ, NADER, IL  
[72] ABRAHAMI, YOSSII, IL  
[72] ELBAZ, MOSHE, IL  
[71] ISCAR LTD., IL  
[85] 2012-05-04  
[86] 2010-10-17 (PCT/IL2010/000845)  
[87] 2011-05-19 (WO2011/058542)  
[30] IL (202027) 2009-11-10

## Demandes PCT entrant en phase nationale

[21] **2,780,046**  
[13] A1

[51] **Int.Cl. B23B 27/16 (2006.01) B23B 29/04 (2006.01)**  
[25] EN  
[54] **CUTTING TOOL AND CUTTING INSERT THEREFOR**  
[54] **OUTIL DE COUPE ET PLAQUETTE DE COUPE POUR CET OUTIL**  
[72] HECHT, GIL, IL  
[71] ISCAR LTD., IL  
[85] 2012-05-04  
[86] 2010-10-17 (PCT/IL2010/000846)  
[87] 2011-05-19 (WO2011/058543)  
[30] IL (202026) 2009-11-10

[21] **2,780,047**  
[13] A1

[51] **Int.Cl. A45D 20/12 (2006.01)**  
[25] EN  
[54] **HAIR STYLING ATTACHMENT**  
[54] **ACCESSOIRE DE COIFFURE**  
[72] COHEN, GIDON, IL  
[71] GIDON COSMETICS LTD., IL  
[85] 2012-05-04  
[86] 2010-10-28 (PCT/IL2010/000889)  
[87] 2011-05-12 (WO2011/055360)  
[30] IL (201914) 2009-11-04  
[30] IL (203693) 2010-02-03

[21] **2,780,048**  
[13] A1

[51] **Int.Cl. A61F 2/06 (2006.01)**  
[25] EN  
[54] **TREATMENT OF A MAIN BODY LUMEN IN THE VICINITY OF A BRANCHING BODY LUMEN**  
[54] **TRAITEMENT D'UNE LUMIERE DE CORPS PRINCIPAL AU VOISINAGE D'UNE LUMIERE DE CORPS DE RAMIFICATION**  
[72] BENARY, RAPHAEL, IL  
[72] SHALEV, ALON, IL  
[71] ENDOSPAN LTD., IL  
[85] 2012-05-04  
[86] 2010-11-04 (PCT/IL2010/000917)  
[87] 2011-05-12 (WO2011/055364)  
[30] US (61/257,856) 2009-11-04

[21] **2,780,049**  
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01)**  
[25] EN  
[54] **HAIR IMPLANT ANCHORS AND SYSTEMS AND METHODS FOR USE THEREOF**  
[54] **ANCRAGES D'IMPLANT CAPILLAIRE ET SYSTEMES ET PROCEDES POUR LEUR UTILISATION**  
[72] KEREN, DVIR, IL  
[72] SHENHAV, BOAZ, IL  
[71] HAIRSTETICS LTD., IL  
[85] 2012-05-04  
[86] 2010-11-24 (PCT/IL2010/000983)  
[87] 2011-06-03 (WO2011/064772)  
[30] US (61/283,045) 2009-11-27

[21] **2,780,050**  
[13] A1

[51] **Int.Cl. C10B 47/00 (2006.01) B01D 50/00 (2006.01) C10J 3/48 (2006.01) C10J 3/52 (2006.01)**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR GASIFYING BIOMASS USING A CYCLONE REACTOR**  
[54] **SYSTEME ET PROCEDE POUR LA GAZEIFICATION D'UNE BIOMASSE**  
[72] HULTEBERG, CHRISTIAN, SE  
[72] HOLMBERG, HAKAN, SE  
[72] WAHLBERG, TORBJORN, SE  
[72] JOHANSSON, HARRY, SE  
[71] MEVA INNOVATION AB, SE  
[85] 2012-05-04  
[86] 2010-11-08 (PCT/SE2010/051217)  
[87] 2011-05-12 (WO2011/056142)  
[30] US (61/272,818) 2009-11-06

[21] **2,780,051**  
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01)**  
[25] EN  
[54] **PROTECTIVE SYRINGE SLEEVE**  
[54] **MANCHON DE PROTECTION DE SERINGUE**  
[72] BEEBE, W. SCOTT, US  
[71] FISHMAN CORPORATION, US  
[85] 2012-05-04  
[86] 2010-11-02 (PCT/US2010/002880)  
[87] 2011-05-12 (WO2011/056214)  
[30] US (12/612,914) 2009-11-05

[21] **2,780,052**  
[13] A1

[51] **Int.Cl. C11B 1/10 (2006.01) C12P 7/64 (2006.01) C25B 3/00 (2006.01)**  
[25] EN  
[54] **A PULSED ELECTRIC FIELD (PEF) METHOD FOR CONTINUOUS ENHANCED EXTRACTION OF OIL AND LIPIDS FROM SMALL AQUATIC PLANTS**  
[54] **PROCEDE A CHAMP ELECTRIQUE PULSE (PEF) POUR L'EXTRACTION OPTIMISEE CONTINUE D'HUILE ET DE LIPIDES DE PETITES PLANTES AQUATIQUES**  
[72] KEMPKES, MICHAEL ALAN, US  
[72] ROTH, IAN, US  
[72] GAUDREAU, MARCEL PIERRE JOSEPH, US  
[71] DIVERSIFIED TECHNOLOGIES, INC., US  
[85] 2012-05-04  
[86] 2010-11-04 (PCT/US2010/002899)  
[87] 2011-05-12 (WO2011/056223)  
[30] US (61/280,652) 2009-11-06  
[30] US (12/807,857) 2010-09-15

[21] **2,780,053**  
[13] A1

[51] **Int.Cl. H01L 27/142 (2006.01) E04D 3/35 (2006.01) H01L 31/048 (2006.01)**  
[25] EN  
[54] **A COMPOSITE INSULATING PANEL**  
[54] **PANNEAU ISOLANT COMPOSITE**  
[72] FLYNN, GREGORY, IE  
[72] CAROLAN, JAMES, IE  
[71] KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED, IE  
[85] 2012-05-02  
[86] 2010-11-04 (PCT/IE2010/000065)  
[87] 2011-05-12 (WO2011/055355)  
[30] IE (2009/0854) 2009-11-05  
[30] IE (2010/0123) 2010-03-03

## PCT Applications Entering the National Phase

[21] **2,780,054**  
[13] A1

[51] **Int.Cl. G01C 3/04 (2006.01)**  
[25] EN  
[54] **METHOD FOR MANUFACTURING HIGH-VISIBILITY MEASUREMENT TOOL**  
[54] **PROCEDE DE FABRICATION D'UN OUTIL DE MESURE A GRANDE LISIBILITE**  
[72] CHRISTIANSON, JOHN R., US  
[72] KIM, CHARLES DUNN, US  
[71] EMPIRE LEVEL MFG. CO., US  
[85] 2012-05-02  
[86] 2010-11-02 (PCT/US2010/002879)  
[87] 2011-05-12 (WO2011/056213)  
[30] US (12/613,720) 2009-11-06

[21] **2,780,055**  
[13] A1

[51] **Int.Cl. B27C 3/00 (2006.01) B23B 39/06 (2006.01) B23B 39/16 (2006.01) B23B 47/28 (2006.01) B27C 3/04 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE POCKET HOLE APPARATUS**  
[54] **EQUIPEMENT DE TROU DE POCHE REGLABLE**  
[72] STUKULS, ALFRED, US  
[71] STUKULS, ALFRED, US  
[85] 2012-06-18  
[86] 2010-12-13 (PCT/US2010/059991)  
[87] 2011-07-14 (WO2011/084365)  
[30] US (12/640,031) 2009-12-17

[21] **2,780,056**  
[13] A1

[51] **Int.Cl. G01N 21/85 (2006.01) C02F 1/00 (2006.01) G01N 33/18 (2006.01) G01N 33/34 (2006.01)**  
[25] EN  
[54] **AN ON-LINE MACROCONTAMINANT ANALYSER AND METHOD**  
[54] **ANALYSEUR DE MACROPOLLUANTS EN LIGNE ET PROCEDE**  
[72] GENDRON, SYLVAIN, CA  
[72] CALOCA, CARLOS CASTRO, CA  
[72] RICARD, MICHELLE AGNES, CA  
[72] DORRIS, GILLES MARCEL, CA  
[72] FILION, DENISE, CA  
[72] PAGE, NATALIE, CA  
[71] FPINNOVATIONS, CA  
[85] 2012-06-15  
[86] 2010-12-17 (PCT/CA2010/002019)  
[87] 2011-06-23 (WO2011/072396)  
[30] US (61/287,883) 2009-12-18

[21] **2,780,058**  
[13] A1

[51] **Int.Cl. F02K 1/76 (2006.01)**  
[25] FR  
[54] **ENSEMBLE POUR TURBOREACTEUR D'AERONEF COMPRENANT UN CAPOT D'INVERSION DE POUSEE**  
[54] **ASSEMBLY FOR AN AIRCRAFT TURBOJET ENGINE COMPRISING A THRUST REVERSAL COWL**  
[72] BAILLARD, ANDRE, FR  
[72] JORET, JEAN-PHILIPPE, FR  
[72] VAUCHEL, GUY BERNARD, FR  
[72] CARUEL, PIERRE, FR  
[71] AIRCELLE, FR  
[85] 2012-05-03  
[86] 2010-11-25 (PCT/FR2010/052537)  
[87] 2011-06-09 (WO2011/067520)  
[30] FR (09/05687) 2009-11-26

[21] **2,780,059**  
[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01)**  
[25] EN  
[54] **METHOD, SYSTEM, AND COMPUTER PROGRAM FOR ATTRACTING LOCAL AND REGIONAL BUSINESSES TO AN AUTOMATED CAUSE MARKETING ENVIRONMENT**  
[54] **PROCEDE, SYSTEME ET PROGRAMME D'ORDINATEUR DESTINES A ATTIRER DES ENTREPRISES LOCALES ET REGIONALES DANS UN ENVIRONNEMENT DE MERCATIQUE ENGAGEE AUTOMATIQUE**  
[72] TIETZEN, TERRY, CA  
[71] EDATANETWORKS INC., CA  
[85] 2012-05-04  
[86] 2009-11-06 (PCT/CA2009/001605)  
[87] 2011-05-12 (WO2011/054071)

[21] **2,780,061**  
[13] A1

[51] **Int.Cl. C05F 11/00 (2006.01) C01B 31/00 (2006.01) C05G 3/00 (2006.01)**  
[25] EN  
[54] **METHOD OF USING CARBON NANOTUBES TO AFFECT SEED GERMINATION AND PLANT GROWTH**  
[54] **PROCEDE D'UTILISATION DE NANOTUBES DE CARBONE POUR AFFECTER LA GERMINATION DE GRAINES ET LA CROISSANCE DE PLANTE**  
[72] KHODAKOVSKAYA, MARIYA V., US  
[72] ALEXANDRU, S. BIRIS, US  
[71] KHODAKOVSKAYA, MARIYA V., US  
[71] ALEXANDRU, S. BIRIS, US  
[85] 2012-05-02  
[86] 2010-11-15 (PCT/US2010/002976)  
[87] 2011-05-19 (WO2011/059507)  
[30] US (61/281,131) 2009-11-13  
[30] US (61/341,956) 2010-04-07

[21] **2,780,062**  
[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 84/18 (2009.01) H04W 88/06 (2009.01) G06F 3/048 (2006.01)**  
[25] EN  
[54] **DEVICE, SYSTEM AND METHOD FOR SELECTING, SHARING AND DISPLAYING ELECTRONIC CONTENT**  
[54] **DISPOSITIF, SYSTEME ET PROCEDE DESTINES A SELECTIONNER, PARTAGER ET AFFICHER UN CONTENU ELECTRONIQUE**  
[72] LAZARIDIS, MIHAL, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2012-05-04  
[86] 2010-03-31 (PCT/CA2010/000452)  
[87] 2011-05-12 (WO2011/054075)  
[30] US (61/258,816) 2009-11-06  
[30] US (61/258,820) 2009-11-06  
[30] US (61/258,823) 2009-11-06

## Demandes PCT entrant en phase nationale

---

[21] **2,780,063**  
[13] A1  
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 19/00 (2006.01)**  
[25] EN  
[54] **BONE POSITIONING DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE DE POSITIONNEMENT D'OS**  
[72] JOHANNABER, KENNETH D., US  
[72] NEVINS, RUSSEL T., US  
[72] FISHER, MICHAEL G., US  
[72] HEDLEY, ANTHONY K., US  
[71] SYNVASIVE TECHNOLOGY, INC., US  
[85] 2012-05-02  
[86] 2010-03-25 (PCT/US2010/028729)  
[87] 2011-05-05 (WO2011/053373)  
[30] US (PCT/US2009/063015) 2009-11-02  
[30] US (12/729,222) 2010-03-22

---

[21] **2,780,064**  
[13] A1  
[51] **Int.Cl. H04W 92/18 (2009.01) H04W 84/18 (2009.01) H04W 88/02 (2009.01)**  
[25] EN  
[54] **DEVICE, SYSTEM AND METHOD FOR SELECTING, SHARING AND DISPLAYING ELECTRONIC CONTENT**  
[54] **DISPOSITIF, SYSTEME ET PROCEDE DESTINES A SELECTIONNER, PARTAGER ET AFFICHER UN CONTENU ELECTRONIQUE**  
[72] LAZARIDIS, MIHAL, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2012-05-04  
[86] 2010-03-31 (PCT/CA2010/000453)  
[87] 2011-05-12 (WO2011/054076)  
[30] US (61/258,816) 2009-11-06  
[30] US (61/258,820) 2009-11-06  
[30] US (61/258,823) 2009-11-06

---

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[21] **2,780,066**  
[13] A1  
[51] **Int.Cl. A61K 39/39 (2006.01) C12N 15/117 (2010.01) A61P 37/02 (2006.01) C07H 21/00 (2006.01)**  
[25] EN  
[54] **NON-DNA BASE-CONTAINING POLYNUCLEOTIDE COMPOSITIONS AND THEIR USE FOR THE MODULATION OF IMMUNE RESPONSES**  
[54] **COMPOSITIONS POLYNUCLEOTIDIQUES CONTENANT DES BASES NON-ADN ET LEUR UTILISATION POUR LA MODULATION DE REponses IMMUNITAIRES**  
[72] FILION, MARIO C., CA  
[72] PHILLIPS, NIGEL C., CA  
[71] BIONICHE LIFE SCIENCES INC., CA  
[85] 2012-05-02  
[86] 2010-10-08 (PCT/IB2010/002561)  
[87] 2011-05-19 (WO2011/058400)  
[30] US (61/259,812) 2009-11-10

---

[21] **2,780,067**  
[13] A1  
[51] **Int.Cl. H04W 92/18 (2009.01) H04W 84/18 (2009.01) H04W 88/02 (2009.01)**  
[25] EN  
[54] **DEVICE, SYSTEM AND METHOD FOR SELECTING, SHARING AND DISPLAYING ELECTRONIC CONTENT**  
[54] **DISPOSITIF, SYSTEME ET PROCEDE DESTINES A SELECTIONNER, PARTAGER ET AFFICHER UN CONTENU ELECTRONIQUE**  
[72] LAZARIDIS, MIHAL, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2012-05-04  
[86] 2010-03-31 (PCT/CA2010/000454)  
[87] 2011-05-12 (WO2011/054077)  
[30] US (61/258,816) 2009-11-06  
[30] US (61/258,820) 2009-11-06  
[30] US (61/258,823) 2009-11-06

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[21] **2,780,068**  
[13] A1  
[51] **Int.Cl. G01V 8/20 (2006.01) E21B 47/00 (2012.01) G01V 8/10 (2006.01)**  
[25] EN  
[54] **LIGHT BASED COMMUNICATION PORT FOR USE ON DOWNHOLE TOOLS**  
[54] **PORT DE COMMUNICATION BASE SUR LA LUMIERE UTILISABLE SUR DES OUTILS DE FOND DE Puits**  
[72] DEL CAMPO, CHRIS, US  
[72] VILLEGAS, LAURENT, US  
[72] YEBOAH, JONATHAN, US  
[72] MACHA, EMIL STEPHEN, US  
[72] UJEREH, SEBASTINE, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2012-05-02  
[86] 2010-06-03 (PCT/US2010/037232)  
[87] 2011-05-12 (WO2011/056263)  
[30] US (61/258,660) 2009-11-06

---

[21] **2,780,069**  
[13] A1  
[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01)**  
[25] EN  
[54] **MONOCLONAL ANTIBODIES AGAINST THE RGM A PROTEIN FOR USE IN THE TREATMENT OF RETINAL NERVE FIBER LAYER DEGENERATION**  
[54] **ANTICORPS MONOCLONAUX CONTRE LA PROTEINE RGM A DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA DEGENERESCENCE DE LA COUCHE DE FIBRES NERVEUSES RETINIENNES**  
[72] MUELLER, BERNHARD K., DE  
[71] ABBOTT GMBH & CO. KG, DE  
[85] 2012-05-02  
[86] 2010-12-08 (PCT/EP2010/069120)  
[87] 2011-06-16 (WO2011/070045)  
[30] US (61/267,446) 2009-12-08

---

## PCT Applications Entering the National Phase

[21] **2,780,070**  
[13] A1

[51] **Int.Cl. A41B 9/02 (2006.01)**  
[25] EN  
[54] **A PAIR OF MALE PANTS WITH AN ADJUSTABLE GENITAL POCKET**  
[54] **CALECON POUR HOMME AVEC POCHE GENITALE REGLABLE**  
[72] SOEDERSTROM, PETER, SE  
[71] REVOLUTIONWEAR INC., US  
[85] 2012-05-02  
[86] 2010-11-06 (PCT/SE2010/000271)  
[87] 2011-05-12 (WO2011/056117)  
[30] SE (0901420-0) 2009-11-06

[21] **2,780,072**  
[13] A1

[51] **Int.Cl. B41M 7/00 (2006.01)**  
[25] EN  
[54] **SINGLE PASS INKJET PRINTING METHOD**  
[54] **PROCEDE D'IMPRESSON A JET D'ENCRE MONOPASSE**  
[72] DE MEUTTER, STEFAAN, BE  
[72] BRACKE, PETER, BE  
[72] VAN DYCK, GEERT, BE  
[72] VAN GARSSE, JORIS, BE  
[72] TILEMANS, DAVID, BE  
[71] AGFA GRAPHICS NV, BE  
[85] 2012-05-02  
[86] 2010-12-20 (PCT/EP2010/070180)  
[87] 2011-06-30 (WO2011/076703)  
[30] EP (09180074.8) 2009-12-21  
[30] US (61/292,184) 2010-01-05

[21] **2,780,073**  
[13] A1

[51] **Int.Cl. F16H 48/30 (2012.01)**  
[25] EN  
[54] **FREE FLOATING HYDRAULIC BULKHEAD WITH IMPROVED SEALING AND ANTI-ROTATION**  
[54] **CLOISON HYDRAULIQUE FLOTTANTE ANTIROTATION A ETANCHEITE RENFORCEE**  
[72] FOX, MATTHEW G., US  
[71] EATON CORPORATION, US  
[85] 2012-05-02  
[86] 2010-10-15 (PCT/IB2010/002621)  
[87] 2011-04-21 (WO2011/045661)  
[30] US (61/251,949) 2009-10-15

[21] **2,780,074**  
[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 84/18 (2009.01) H04W 88/06 (2009.01) G06F 3/048 (2006.01)**  
[25] EN  
[54] **DEVICE, SYSTEM AND METHOD FOR SELECTING, SHARING AND DISPLAYING ELECTRONIC CONTENT**  
[54] **DISPOSITIF, SYSTEME ET PROCEDE DESTINES A SELECTIONNER, PARTAGER ET AFFICHER UN CONTENU ELECTRONIQUE**  
[72] LAZARIDIS, MIHAL, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2012-05-04  
[86] 2010-03-31 (PCT/CA2010/000455)  
[87] 2011-05-12 (WO2011/054078)  
[30] US (61/258,816) 2009-11-06  
[30] US (61/258,820) 2009-11-06  
[30] US (61/258,823) 2009-11-06

[21] **2,780,075**  
[13] A1

[51] **Int.Cl. C05D 9/00 (2006.01) C05D 5/00 (2006.01) C05D 9/02 (2006.01)**  
[25] EN  
[54] **KIMBERLITE BASED PLANT NUTRIENT AND PREPARATION THEREOF**  
[54] **NUTRIMENT DE PLANTE A BASE DE KIMBERLITE ET PREPARATION DE CELUI-CI**  
[72] YANDAPALLI, DURGA PRASAD, IN  
[71] BIJAM BIOSCIENCES PRIVATE LIMITED, IN  
[85] 2012-05-02  
[86] 2010-11-04 (PCT/IB2010/002809)  
[87] 2011-05-12 (WO2011/055219)  
[30] IN (1026/CHE/2009) 2009-11-04  
[30] IN (2844/CHE/2010) 2010-09-27

[21] **2,780,076**  
[13] A1

[51] **Int.Cl. H05B 33/08 (2006.01) F21S 8/08 (2006.01) G08G 1/01 (2006.01)**  
[25] EN  
[54] **OBJECT-SENSING LIGHTING NETWORK AND CONTROL SYSTEM THEREFOR**  
[54] **RESEAU D'ECLAIRAGE A DETECTION D'OBJETS, ET SYSTEME DE COMMANDE A CET EFFET**  
[72] NIEUWLANDS, ERIK, US  
[72] ASHDOWN, IAN, US  
[72] LOVELAND, DAMIEN, US  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2012-05-02  
[86] 2010-10-21 (PCT/IB2010/054781)  
[87] 2011-05-12 (WO2011/055261)  
[30] US (61/257,510) 2009-11-03

[21] **2,780,078**  
[13] A1

[51] **Int.Cl. C01B 25/231 (2006.01)**  
[25] FR  
[54] **PROCEDE DE PRODUCTION D'ACIDE PHOSPHORIQUE**  
[54] **METHOD FOR PRODUCING PHOSPHORIC ACID**  
[72] HOXHA, ANTOINE, BE  
[72] FATI, DORINA, BE  
[71] PRAYON TECHNOLOGIES, BE  
[85] 2012-05-02  
[86] 2010-12-02 (PCT/EP2010/068709)  
[87] 2011-06-09 (WO2011/067321)  
[30] BE (BE 2009/0740) 2009-12-02

[21] **2,780,080**  
[13] A1

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/00 (2006.01) A61K 38/30 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING IGF-1 PROTEINS, A BUFFERING AND A TONICITY AGENT**  
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES PROTEINES IGF-1, UN TAMPON ET UN AGENT DE TONICITE**  
[72] MAHLER, HANNS-CHRISTIAN, CH  
[72] PAPPENBERGER, ASTRID, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-04  
[86] 2010-12-20 (PCT/EP2010/070174)  
[87] 2011-06-30 (WO2011/076702)  
[30] EP (09180607.5) 2009-12-23

## Demandes PCT entrant en phase nationale

---

[21] **2,780,081**  
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DEGHOSTING SEISMIC DATA**  
[54] **PROCEDE ET APPAREIL DE DEPARASITAGE DE DONNEES SISMQUES**  
[72] SOUBARAS, ROBERT, FR  
[71] CGGVERITAS SERVICES SA, FR  
[85] 2012-05-04  
[86] 2011-06-08 (PCT/EP2011/059528)  
[87] 2011-12-15 (WO2011/154463)  
[30] FR (1054599) 2010-06-10  
[30] US (61/393,057) 2010-10-14

---

[21] **2,780,082**  
[13] A1

[51] **Int.Cl. C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/12 (2006.01)**  
[25] EN  
[54] **STEEL, STEEL FLAT PRODUCT, STEEL PART AND METHOD FOR PRODUCING A STEEL PART**  
[54] **ACIER, PRODUIT PLAT EN ACIER, ELEMENT EN ACIER ET PROCEDE DE FABRICATION D'UN ELEMENT EN ACIER**  
[72] VIVES DIAZ, NICOLAS, DE  
[72] NORDEN, MARTIN, DE  
[72] HELLER, THOMAS, DE  
[72] MURA, JULIA, DE  
[72] GERBER, THOMAS, DE  
[72] HECKELMANN, ILSE, DE  
[71] THYSSENKRUPP STEEL EUROPE AG, DE  
[85] 2012-05-04  
[86] 2011-04-01 (PCT/EP2011/055117)  
[87] 2011-10-06 (WO2011/121118)  
[30] EP (10158923.2) 2010-04-01

---

[21] **2,780,083**  
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01) G02C 7/04 (2006.01)**  
[25] EN  
[54] **DIFFRACTIVE BINOCULAR LENS SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE LENTILLES BINOCULAIRES A DIFFRACTION**  
[72] VAN DER MOOREN, MARRIE H., NL  
[72] WEEBER, HENDRIK A., NL  
[72] PIERS, PATRICIA A., NL  
[71] AMO GRONINGEN B.V., NL  
[85] 2012-05-04  
[86] 2010-11-02 (PCT/IB2010/002995)  
[87] 2011-05-12 (WO2011/055228)  
[30] US (12/613,805) 2009-11-06

---

[21] **2,780,086**  
[13] A1

[51] **Int.Cl. B27K 5/04 (2006.01) F26B 3/347 (2006.01) F26B 5/00 (2006.01) F26B 5/04 (2006.01) H05B 6/62 (2006.01)**  
[25] EN  
[54] **PROCESS FOR TREATING WOOD**  
[54] **PROCEDE DE TRAITEMENT DU BOIS**  
[72] THOMAS, KELL, DK  
[72] MORTENSEN, HENRIK GROENFELDT, DK  
[72] HOLM, CLAUD LUDVIG ENGELBRECHT, DK  
[71] DANISH WOOD TECHNOLOGY HOLDING APS, DK  
[85] 2012-05-04  
[86] 2009-11-20 (PCT/IB2009/055224)  
[87] 2011-05-26 (WO2011/061565)

---

[21] **2,780,088**  
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04L 29/12 (2006.01)**  
[25] EN  
[54] **METHOD FOR ADDRESS TRANSLATOR TRAVERSAL IN 3GPP NETWORKS**  
[54] **PROCEDE POUR TRAVERSEE DE TRADUCTEUR D'ADRESSE DANS DES RESEAUX 3GPP**  
[72] VOGT, CHRISTIAN, US  
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
[85] 2012-05-04  
[86] 2010-10-27 (PCT/IB2010/054854)  
[87] 2011-05-12 (WO2011/055275)  
[30] US (12/613,066) 2009-11-05

---

[21] **2,780,093**  
[13] A1

[51] **Int.Cl. F03D 3/06 (2006.01)**  
[25] EN  
[54] **FLUID TURBINE OPTIMIZED FOR POWER GENERATION**  
[54] **TURBINE HYDRAULIQUE OPTIMISEE POUR LA PRODUCTION D'ENERGIE**  
[72] SKARZENSKI, PETER CHRIS, US  
[72] VANCE, ROBERT CLIFTON, US  
[72] CORMEY, JASON DANIEL, US  
[72] BRANTLEY, BRANDON D., US  
[72] STEPHENS, THOMAS GLENN, US  
[71] SKARZENSKI, PETER CHRIS, US  
[71] VANCE, ROBERT CLIFTON, US  
[71] CORMEY, JASON DANIEL, US  
[71] BRANTLEY, BRANDON D., JR., US  
[71] STEPHENS, THOMAS GLENN, US  
[85] 2012-05-04  
[86] 2010-11-08 (PCT/US2010/002921)  
[87] 2011-06-30 (WO2011/078876)  
[30] US (12/614,232) 2009-11-06

---

[21] **2,780,095**  
[13] A1

[51] **Int.Cl. C08J 9/35 (2006.01) B32B 7/04 (2006.01) C08J 7/06 (2006.01) C08J 9/34 (2006.01)**  
[25] EN  
[54] **HYDROPHOBIC INTERACTION CHROMATOGRAPHY MEMBRANES, AND METHODS OF USE THEREOF**  
[54] **MEMBRANES POUR CHROMATOGRAPHIE D'INTERACTION HYDROPHOBE ET LEURS METHODES D'UTILISATION**  
[72] PANKRATZ, MARIANNE, CA  
[72] MIKA, ALICJA M., CA  
[72] KOMKOVA, ELENA N., CA  
[71] MATRIX SEPARATIONS INC., CA  
[85] 2012-05-04  
[86] 2010-11-12 (PCT/IB2010/003049)  
[87] 2011-05-19 (WO2011/058439)  
[30] US (61/261,009) 2009-11-13

## PCT Applications Entering the National Phase

[21] **2,780,096**  
[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR STIMULATING A HYPOGLOSSAL NERVE FOR CONTROLLING THE POSITION OF A PATIENT'S TONGUE**  
[54] **SYSTEME DE STIMULATION D'UN NERF HYPOGLOSSE POUR COMMANDE DE LA POSITION DE LA LANGUE D'UN PATIENT**  
[72] ZAIDI, FAISAL N., US  
[72] ELIAS, MONIR M., US  
[72] MEADOWS, PAUL M., US  
[72] CRAIG, STANLEY R., US  
[72] LIMA, MARCELO G., US  
[71] IMTHERA MEDICAL, INC., US  
[85] 2012-05-04  
[86] 2010-05-25 (PCT/US2010/036070)  
[87] 2011-05-19 (WO2011/059531)  
[30] US (61/259,893) 2009-11-10

[21] **2,780,098**  
[13] A1

[51] **Int.Cl. F24D 13/02 (2006.01) H05B 3/12 (2006.01) H05B 3/26 (2006.01) H05B 3/36 (2006.01)**  
[25] EN  
[54] **HEATING PANEL AND METHOD THEREFOR**  
[54] **PANNEAU DE CHAUFFAGE ET PROCEDE ASSOCIE**  
[72] COATES, RICHARD DOD, NZ  
[72] VAUGHAN, ALEXANDER STEWART, NZ  
[71] WINSTONE WALLBOARDS LIMITED, NZ  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/IB2010/055016)  
[87] 2011-05-12 (WO2011/055330)  
[30] US (61/272,804) 2009-11-05

[21] **2,780,099**  
[13] A1

[51] **Int.Cl. G01V 1/40 (2006.01) E21B 47/12 (2012.01) G01V 1/22 (2006.01) G01V 1/52 (2006.01)**  
[25] EN  
[54] **COMMUNICATION PORT FOR USE ON A WELLBORE MEASURING INSTRUMENT**  
[54] **PORT DE COMMUNICATION UTILISE SUR UN INSTRUMENT DE MESURE DE FOND DE Puits**  
[72] YEBOAH, JONATHAN, US  
[72] UJEREH, SEBASTINE, JR., US  
[72] VILLEGAS, LAURENT, US  
[72] DEL CAMPO, CHRIS, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2012-05-04  
[86] 2010-06-03 (PCT/US2010/037224)  
[87] 2011-05-12 (WO2011/056262)  
[30] US (61/258,656) 2009-11-06

[21] **2,780,101**  
[13] A1

[51] **Int.Cl. A61F 13/505 (2006.01)**  
[25] EN  
[54] **COMFORT DIAPER ASSEMBLY**  
[54] **ENSEMBLE COUCHE DE CONFORT**  
[72] COATES, FREDRICA, V., US  
[71] COATES, FREDRICA, V., US  
[85] 2012-05-04  
[86] 2010-07-27 (PCT/US2010/043358)  
[87] 2011-02-03 (WO2011/014495)  
[30] US (61/273,059) 2009-07-30

[21] **2,780,102**  
[13] A1

[51] **Int.Cl. A61B 17/80 (2006.01)**  
[25] FR  
[54] **PLAQUE MULTI-AJUSTABLE POUR L'OSTEOTOMIE**  
[54] **MULTI-ADJUSTABLE PLATE FOR OSTEOTOMY**  
[72] RIBEIRO, CRISTIANO HOSSRI, BR  
[71] RIBEIRO, CRISTIANO HOSSRI, BR  
[71] NEMA, ERCIO MIGUEL, BR  
[85] 2012-05-04  
[86] 2010-11-11 (PCT/IB2010/055131)  
[87] 2011-05-12 (WO2011/055353)

[21] **2,780,104**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**  
[25] EN  
[54] **COMBINED MULTIFUNCTIONAL ELECTRONIC SIMULATED CIGARETTE**  
[54] **CIGARETTE SIMULEE ELECTRONIQUE MULTIFONCTIONNELLE COMBINEE**  
[72] XIU, YUNQIANG, CN  
[71] XIU, YUNQIANG, CN  
[85] 2012-05-04  
[86] 2010-06-12 (PCT/CN2010/000844)  
[87] 2011-10-27 (WO2011/130886)  
[30] CN (201010153118.X) 2010-04-22

[21] **2,780,107**  
[13] A1

[51] **Int.Cl. G01N 21/85 (2006.01)**  
[25] EN  
[54] **VARIABLE PATH LENGTH PROBE**  
[54] **SONDE A LONGUEUR DE TRAJET VARIABLE**  
[72] BORN, CHRISTIAN, DK  
[71] FOSS ANALYTICAL A/S, DK  
[85] 2012-05-04  
[86] 2009-12-10 (PCT/EP2009/066850)  
[87] 2011-06-16 (WO2011/069549)

[21] **2,780,108**  
[13] A1

[51] **Int.Cl. G06F 11/30 (2006.01)**  
[25] EN  
[54] **SOBRIETY MONITORING SYSTEM**  
[54] **SYSTEME DE CONTROLE DE SOBRIETE**  
[72] KEAYS, BRAD, US  
[71] KEAYS, BRAD, US  
[85] 2012-05-04  
[86] 2010-09-30 (PCT/US2010/050930)  
[87] 2011-04-07 (WO2011/041560)  
[30] US (61/248,364) 2009-10-02  
[30] US (61/254,575) 2009-10-23  
[30] US (61/320,168) 2010-04-01  
[30] US (12/882,323) 2010-09-15

## Demandes PCT entrant en phase nationale

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[21] **2,780,109**  
[13] A1  
[51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MINIMIZING BANDWIDTH USAGE BETWEEN A COMMUNICATION SERVER AND A MEDIA DEVICE**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE MINIMISER UNE UTILISATION DE LA BANDE PASSANTE ENTRE UN SERVEUR DE COMMUNICATION ET UN DISPOSITIF MULTIMEDIA**  
[72] NEWBERG, DONALD G., US  
[72] DROZT, PETER M., US  
[72] KELLER, MATTHEW C., US  
[71] MOTOROLA, INC., US  
[85] 2012-05-04  
[86] 2010-10-11 (PCT/US2010/052135)  
[87] 2011-05-26 (WO2011/062704)  
[30] US (12/621,115) 2009-11-18

---

[21] **2,780,111**  
[13] A1  
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4709 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) C07D 215/42 (2006.01) C07D 401/14 (2006.01) C07D 471/04 (2006.01)**  
[25] EN  
[54] **HETEROARYLAMINOQUINOLINES AS TGF-BETA RECEPTOR KINASE INHIBITORS**  
[54] **HETEROARYLAMINOQUINOLINES UTILISEES EN TANT QU'INHIBITEURS DE LA KINASE DU RECEPTEUR TGF-BETA**  
[72] AMENDT, CHRISTIANE, DE  
[72] JONCZYK, ALFRED, DE  
[72] ZENKE, FRANK, DE  
[71] MERCK PATENT GMBH, DE  
[85] 2012-05-04  
[86] 2010-10-12 (PCT/EP2010/006239)  
[87] 2011-05-12 (WO2011/054433)  
[30] EP (09013988.2) 2009-11-07

---

[21] **2,780,112**  
[13] A1  
[51] **Int.Cl. A61F 2/46 (2006.01)**  
[25] EN  
[54] **INTEGRATED SYSTEM FOR CLEANING BONE AND MILLING THE CLEANED BONE TO FORM BONE CHIPS**  
[54] **SYSTEME INTEGRE POUR NETTOYER UN OS ET BROYER L'OS NETTOYE POUR FORMER DES FRAGMENTS D'OS**  
[72] STRATTON, DENNIS, US  
[72] ORAND, AUSTIN, US  
[72] GOLDENBERG, DAVE S., US  
[72] BERNERO, JOHN P., US  
[72] HEFFERNAN, ERIC M., US  
[72] LAM, VINCENT, US  
[72] VELDkamp, DAVID J., US  
[72] CHAMBERLIN, CHRIS, US  
[72] DIEHL, ERIC K., US  
[71] STRYKER CORPORATION, US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055646)  
[87] 2011-05-12 (WO2011/057088)  
[30] US (61/258,667) 2009-11-06

---

[21] **2,780,115**  
[13] A1  
[51] **Int.Cl. B65D 19/18 (2006.01)**  
[25] EN  
[54] **LARGE LOAD CARRIER**  
[54] **SUPPORT DE CHARGES A GRANDE CAPACITE**  
[72] RITZBERGER, AXEL, CH  
[71] GEORG UTZ HOLDING AG, CH  
[85] 2012-05-04  
[86] 2010-10-27 (PCT/EP2010/006546)  
[87] 2011-05-12 (WO2011/054465)  
[30] DE (10 2009 060 970.9) 2009-11-06

---

[21] **2,780,117**  
[13] A1  
[51] **Int.Cl. A01C 21/00 (2006.01) A01B 17/00 (2006.01) A01B 25/00 (2006.01) A01B 33/16 (2006.01) A01B 35/32 (2006.01) A01B 49/06 (2006.01) A01B 79/02 (2006.01) A01C 3/06 (2006.01) A01C 15/16 (2006.01) A01C 23/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR APPLYING MATTER TO A FIELD**  
[54] **PROCEDE ET APPAREIL D'APPLICATION D'UNE SUBSTANCE A UN CHAMP**  
[72] PHILIPS, WAYNE FREDERICK LAURENCE, AU  
[71] PHILIPS, WAYNE FREDERICK LAURENCE, AU  
[85] 2012-05-03  
[86] 2010-11-08 (PCT/AU2010/001487)  
[87] 2011-05-12 (WO2011/054059)  
[30] AU (2009905440) 2009-11-06  
[30] AU (2010903795) 2010-08-24

---

[21] **2,780,118**  
[13] A1  
[51] **Int.Cl. C02F 3/12 (2006.01) C02F 3/34 (2006.01)**  
[25] EN  
[54] **METHODS, COMPOSITIONS AND SYSTEMS FOR CONTROLLING FOULING OF A MEMBRANE**  
[54] **PROCEDES, COMPOSITIONS ET SYSTEMES POUR CONTROLER LE SALISSEMENT D'UNE MEMBRANE**  
[72] DRAHOS, DAVID, US  
[72] PETERSEN, SVEND, DK  
[71] NOVOZYMES BIOLOGICALS, INC., US  
[85] 2012-05-04  
[86] 2010-11-09 (PCT/US2010/055984)  
[87] 2011-05-19 (WO2011/059963)  
[30] US (61/259,936) 2009-11-10  
[30] US (61/369,801) 2010-08-02

## PCT Applications Entering the National Phase

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[21] **2,780,121**  
[13] A1  
[51] **Int.Cl. C10B 29/00 (2006.01) B01J 8/00 (2006.01) B01J 8/18 (2006.01) B01J 8/24 (2006.01) B01J 8/34 (2006.01) C10B 1/04 (2006.01) C10B 43/14 (2006.01) C10B 55/10 (2006.01)**  
[25] EN  
[54] **FLUID COKING UNIT STRIPPER**  
[54] **COLONNE DE RECTIFICATION D'UNITE DE COKEFACTION FLUIDE**  
[72] BIELENBERG, JAMES R., US  
[72] DAVULURI, RATHNA P., US  
[72] RAICH, BRENDA A., US  
[72] SUTTON, CLAY R., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2012-05-04  
[86] 2010-10-27 (PCT/US2010/054215)  
[87] 2011-05-12 (WO2011/056628)  
[30] US (61/280,625) 2009-11-06  
[30] US (61/300,272) 2010-02-01

---

[21] **2,780,122**  
[13] A1  
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/12 (2006.01) A61B 17/3205 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR MAINTAINING A FORCE UPON TISSUE USING A LOOP MEMBER**  
[54] **APPAREIL POUR MAINTENIR UNE FORCE SUR UN TISSU A L'AIDE D'UN ELEMENT EN BOUCLE**  
[72] BINMOELLER, M. D. KENNETH, US  
[72] SURTI, VIHAR C., US  
[72] MCLAWHORN, TYLER E., US  
[71] COOK MEDICAL TECHNOLOGIES LLC, US  
[85] 2012-05-04  
[86] 2010-10-27 (PCT/US2010/054284)  
[87] 2011-05-05 (WO2011/053645)  
[30] US (61/256,430) 2009-10-30

---

[21] **2,780,123**  
[13] A1  
[51] **Int.Cl. B29D 30/26 (2006.01) B29D 30/08 (2006.01) B29D 30/52 (2006.01) B29D 30/54 (2006.01)**  
[25] EN  
[54] **PASSIVE BUFFER BRUSH AIR COOLING**  
[54] **REFROIDISSEMENT D'AIR PASSIF POUR BROSSE DE POLISSAGE**  
[72] KOST, TROY A., US  
[71] BRIDGESTONE BANDAG, LLC, US  
[85] 2012-05-04  
[86] 2010-11-08 (PCT/US2010/055840)  
[87] 2011-06-09 (WO2011/068635)  
[30] US (12/629,486) 2009-12-02

---

[21] **2,780,124**  
[13] A1  
[51] **Int.Cl. D21C 5/02 (2006.01) C08G 63/00 (2006.01) C21C 5/00 (2006.01)**  
[25] EN  
[54] **POLYESTER SURFACTANTS FOR DEINKING**  
[54] **TENSIOACTIFS A BASE DE POLYESTER POUR LE DESENCRAGE**  
[72] COTTER, TERRENCE, US  
[72] ROSENCRANCE, SCOTT, US  
[72] WILSON, ROBERT, US  
[71] COTTER, TERRENCE, US  
[71] ROSENCRANCE, SCOTT, US  
[71] WILSON, ROBERT, US  
[85] 2012-05-04  
[86] 2010-10-29 (PCT/US2010/054609)  
[87] 2011-05-19 (WO2011/059790)  
[30] US (12/616,573) 2009-11-11

---

[21] **2,780,126**  
[13] A1  
[51] **Int.Cl. C08J 9/00 (2006.01)**  
[25] EN  
[54] **NANOPOROUS POLYMERIC FOAM HAVING HIGH POROSITY**  
[54] **MOUSSE POLYMERE NANOPOREUSE A HAUTE POROSITE**  
[72] COSTEUX, STEPHANE, US  
[72] ZHU, LINGBO, US  
[72] WEIKART, CHRISTOPHER, US  
[72] KALANTAR, THOMAS, US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2012-05-04  
[86] 2010-11-01 (PCT/US2010/054921)  
[87] 2011-06-03 (WO2011/066060)  
[30] US (61/264,407) 2009-11-25

---

[21] **2,780,128**  
[13] A1  
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/34 (2006.01) A61K 31/427 (2006.01) A61K 31/44 (2006.01) A61K 31/4439 (2006.01) A61K 31/505 (2006.01) A61P 25/00 (2006.01) C07D 213/81 (2006.01) C07D 239/28 (2006.01) C07D 307/68 (2006.01) C07D 417/04 (2006.01)**  
[25] EN  
[54] **ARYL AND HETEROARYL SULFONES AS MGLUR4 ALLOSTERIC POTENTIATORS, COMPOSITIONS, AND METHODS OF TREATING NEUROLOGICAL DYSFUNCTION**  
[54] **ARYL- ET HETEROARYL-SULFONES A TITRE DE POTENTIATEURS ALLOSTERIQUES DU MGLUR4, COMPOSITIONS, ET METHODES POUR TRAITER UN DYSFONCTIONNEMENT NEUROLOGIQUE**  
[72] CHEUNG, YIU-YIN, US  
[72] CONN, P. JEFFREY, US  
[72] LINDSLEY, CRAIG W., US  
[72] HOPKINS, COREY R., US  
[72] WEAVER, CHARLES DAVID, US  
[72] NISWENDER, COLLEEN M., US  
[71] VANDERBILT UNIVERSITY, US  
[85] 2012-05-04  
[86] 2010-11-08 (PCT/US2010/055861)  
[87] 2011-05-12 (WO2011/057208)  
[30] US (61/258,856) 2009-11-06

---

[21] **2,780,129**  
[13] A1  
[51] **Int.Cl. G01C 21/32 (2006.01) G06F 17/30 (2006.01) G09B 29/10 (2006.01)**  
[25] EN  
[54] **ENHANCED LOCATION INFORMATION FOR POINTS OF INTEREST**  
[54] **AMELIORATION D'INFORMATIONS DE LOCALISATION CONCERNANT DES LIEUX D'INTERET**  
[72] SNYDER, STEPHEN MYRON, US  
[72] HURLEY, SHAWN PATRICK, US  
[72] TREVILLIAN, ROBERT EDWARD, IV, US  
[72] FRY, TERRY ALAN, US  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[85] 2012-05-02  
[86] 2010-09-13 (PCT/US2010/048562)  
[87] 2011-05-12 (WO2011/056295)  
[30] US (61/259,328) 2009-11-09

---

## Demandes PCT entrant en phase nationale

[21] **2,780,130**  
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)**  
[25] EN  
[54] **TREATING BASAL-LIKE GENOTYPE CANCERS**  
[54] **TRAITEMENT DE CANCERS A GENOTYPE DE TYPE BASAL**  
[72] ZHOU, TONG, US  
[72] BUCHSBAUM, DONALD J., US  
[72] LOBUGLIO, ALBERT F., US  
[71] THE UAB RESEARCH FOUNDATION, US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055664)  
[87] 2011-05-12 (WO2011/057099)  
[30] US (61/258,274) 2009-11-05

[21] **2,780,131**  
[13] A1

[51] **Int.Cl. C09K 21/02 (2006.01)**  
[25] EN  
[54] **INTUMESCENT FIRE PROTECTION MATERIAL**  
[54] **MATERIAU DE PROTECTION CONTRE L'INCENDIE INTUMESCENT**  
[72] MILLER, KENNETH B., US  
[72] PACKARD, KEVIN D., US  
[72] WIERZBICKI, MICHELE, US  
[72] FERNANDO, JOSEPH A., US  
[71] UNIFRAX I LLC, US  
[85] 2012-05-04  
[86] 2010-11-16 (PCT/US2010/056835)  
[87] 2011-05-19 (WO2011/060421)  
[30] US (61/261,450) 2009-11-16

[21] **2,780,133**  
[13] A1

[51] **Int.Cl. A61N 1/372 (2006.01) A61N 1/375 (2006.01)**  
[25] EN  
[54] **STRUCTURE FOR AN IMPLANTABLE MEDICAL DEVICE HAVING TELEMETRY AND CHARGING COILS WITHIN A CASE**  
[54] **STRUCTURE POUR DISPOSITIF MEDICAL IMPLANTABLE COMPRENANT DES BOBINES DE TELEMETRIE ET DE CHARGE A L'INTERIEUR D'UN BOITIER**  
[72] PARRAMON, JORDI, US  
[72] FELDMAN, EMANUEL, US  
[72] NIMMAGADDA, KIRAN, US  
[72] RAHMAN, MIZANUR, US  
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US  
[85] 2012-05-02  
[86] 2010-09-17 (PCT/US2010/049215)  
[87] 2011-05-19 (WO2011/059565)  
[30] US (12/616,178) 2009-11-11

[21] **2,780,134**  
[13] A1

[51] **Int.Cl. A01N 25/22 (2006.01) A01N 25/28 (2006.01) A01N 25/34 (2006.01)**  
[25] EN  
[54] **FIBER STRUCTURES CONTAINING ENCAPSULATION COMPLEX**  
[54] **STRUCTURES FIBREUSES CONTENANT UN COMPLEXE D'ENCAPSULATION**  
[72] JACOBSON, RICHARD MARTIN, US  
[72] XIANG, JIAN, US  
[72] WARD, BENNETT CLAYTON, US  
[71] ROHM AND HAAS COMPANY, US  
[71] FILTRONA RICHMOND, INC., US  
[85] 2012-05-04  
[86] 2010-11-17 (PCT/US2010/056961)  
[87] 2011-05-26 (WO2011/062950)  
[30] US (61/281,554) 2009-11-18

[21] **2,780,136**  
[13] A1

[51] **Int.Cl. C07D 209/42 (2006.01) A61K 31/405 (2006.01) A61K 31/4184 (2006.01) A61K 31/426 (2006.01) A61P 35/00 (2006.01) C07D 235/24 (2006.01) C07D 277/44 (2006.01)**  
[25] EN  
[54] **COMPOUNDS INHIBITORS OF ENZYME LACTATE DEHYDROGENASE (LDH) AND PHARMACEUTICAL COMPOSITIONS CONTAINING THESE COMPOUNDS**  
[54] **COMPOSES INHIBITEURS D'ENZYME LACTATE DESHYDROGENASE (LDH) ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES COMPOSES**  
[72] MINUTOLO, FILIPPO, IT  
[72] MACCHIA, MARCO, IT  
[72] GRANCHI, CARLOTTA, IT  
[72] ROY, SARABINDU, IT  
[72] GIANNACCINI, GINO, IT  
[72] LUCACCHINI, ANTONIO, IT  
[71] UNIVERSITA DI PISA, IT  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/EP2010/006740)  
[87] 2011-05-12 (WO2011/054525)  
[30] IT (PI2009A000140) 2009-11-09

[21] **2,780,137**  
[13] A1

[51] **Int.Cl. A61N 1/30 (2006.01) A61N 5/10 (2006.01)**  
[25] EN  
[54] **PHOTOTRIGGERED NANOPARTICLES FOR CELL AND TISSUE TARGETING**  
[54] **NANOPARTICULES A DECLenchement OPTIQUE POUR CIBLAGE DE CELLULE ET DE TISSU**  
[72] DVIR, TAL, IL  
[72] KOHANE, DANIEL S., US  
[72] BANGHART, MATTHEW RYAN, US  
[72] LANGER, ROBERT S., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2012-05-02  
[86] 2010-09-30 (PCT/US2010/050846)  
[87] 2011-04-07 (WO2011/041496)  
[30] US (61/247,535) 2009-09-30

## PCT Applications Entering the National Phase

[21] **2,780,138**  
[13] A1

[51] **Int.Cl. A61K 31/665 (2006.01) A61K 9/00 (2006.01) A61K 31/7036 (2006.01) A61P 11/00 (2006.01)**

[25] EN  
[54] **INHALED FOSFOMYCIN/TOBRAMYCIN FOR THE TREATMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE**  
[54] **FOSFOMYCINE/TOBRAMYCINE INHALEES POUR LE TRAITEMENT D'UNE MALADIE RESPIRATOIRE OBSTRUCTIVE CHRONIQUE**  
[72] MACLEOD, DAVID LLOYD, US  
[72] BHATT, ELIZABETH PETERS, US  
[72] MCKEVITT, MATTHEW THOMAS, US  
[72] NEWCOMB, TERRY GLENN, US  
[71] GILEAD SCIENCES, INC., US  
[85] 2012-05-04  
[86] 2010-11-10 (PCT/US2010/056256)  
[87] 2011-06-03 (WO2011/066107)  
[30] US (61/264,160) 2009-11-24

[21] **2,780,139**  
[13] A1

[51] **Int.Cl. C07J 71/00 (2006.01)**

[25] EN  
[54] **PROCESS FOR PREPARING (11.BETA., 16.ALPHA.)-9-FLUORO-11-HYDROXY-16,17-[1-METHYLETHYLIDENEBIS(OXY)]-21-[1-OXO-[4-(NITROOXYMETHYL)BENZOXY]]PREGNA-1,4-DIEN-3,20-DIONE**  
[54] **PROCEDE DE PREPARATION DE (11?, 16?)-9-FLUORO-11-HYDROXY-16,17-[1-METHYLETHYLIDENEBIS(OXY)]-21-[1-OXO-[4-(NITROOXYMETHYL)BENZOXY]]PREGNA-1,4-DIEN-3,20-DIONE**  
[72] ALVAREZ, CARLOS, PT  
[72] PALOMER, ALBERT, ES  
[72] SOBRAL, LUIS, PT  
[72] ANGLADA, LUIS, ES  
[71] NICOX, S.A., FR  
[71] FERRER INTERNACIONAL S.A., ES  
[85] 2012-05-04  
[86] 2010-11-15 (PCT/EP2010/067443)  
[87] 2011-05-19 (WO2011/058161)  
[30] ES (P 200930999) 2009-11-16

[21] **2,780,140**  
[13] A1

[51] **Int.Cl. C23C 16/26 (2006.01) B82B 3/00 (2006.01) C01B 31/02 (2006.01)**

[25] EN  
[54] **MATERIALS AND METHODS FOR THERMAL AND ELECTRICAL CONDUCTIVITY**  
[54] **MATERIAUX ET PROCEDES POUR CONDUCTIVITE THERMIQUE ET ELECTRIQUE**  
[72] SETHI, SUNNY, US  
[72] DHINOJWALA, ALI, US  
[71] THE UNIVERSITY OF AKRON, US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055677)  
[87] 2011-05-12 (WO2011/057105)  
[30] US (61/258,640) 2009-11-06

[21] **2,780,142**  
[13] A1

[51] **Int.Cl. C07K 1/00 (2006.01) C07K 1/107 (2006.01) C07K 7/04 (2006.01) C07K 14/435 (2006.01)**

[25] EN  
[54] **COMPOUNDS AND METHODS FOR PURIFYING PEPTIDES PRODUCED BY SOLID PHASE PEPTIDE SYNTHESIS**  
[54] **COMPOSES ET PROCEDES POUR PURIFIER DES PEPTIDES PRODUITS PAR SYNTHESE PEPTIDIQUE EN PHASE SOLIDE**  
[72] AUCAGNE, VINCENT, FR  
[72] DELMAS, AGNES, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[85] 2012-05-04  
[86] 2010-11-16 (PCT/EP2010/067539)  
[87] 2011-05-19 (WO2011/058188)  
[30] EP (09306101.8) 2009-11-16

[21] **2,780,143**  
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) C12N 15/67 (2006.01) C12N 15/70 (2006.01)**

[25] EN  
[54] **METHODS AND COMPOSITION FOR SECRETION OF HETEROLOGOUS POLYPEPTIDES**  
[54] **PROCEDES ET COMPOSITION DE SECRETION DE POLYPEPTIDES HETEROLOGUES**  
[72] REILLY, DOROTHEA E., US  
[72] MARRICHI, MATTHEW, US  
[71] GENENTECH, INC., US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055702)  
[87] 2011-05-12 (WO2011/057120)  
[30] US (61/258,565) 2009-11-05

[21] **2,780,144**  
[13] A1

[51] **Int.Cl. A61K 45/00 (2006.01) A61K 35/66 (2006.01) A61K 36/02 (2006.01) A61K 36/06 (2006.01) A61P 29/00 (2006.01)**

[25] EN  
[54] **COMPOSITION AND METHODS FOR AFFECTING CYTOKINES AND NF-KB**  
[54] **COMPOSITION ET PROCEDES PERMETTANT D'AGIR SUR LES CYTOKINES ET LE NF-?B**  
[72] THOMAS, TIFFANY, US  
[72] SARKAR, FAZLUL, US  
[72] CALLEWAERT, DENNIS, US  
[72] DAHL, ANDREW, US  
[72] MARTINEZ, ENRIQUE, US  
[71] HEALTH ENHANCEMENT PRODUCTS, INC., US  
[85] 2012-05-04  
[86] 2010-11-16 (PCT/US2010/056862)  
[87] 2011-05-19 (WO2011/060427)  
[30] US (61/261,639) 2009-11-16

## Demandes PCT entrant en phase nationale

[21] **2,780,145**  
[13] A1

[51] **Int.Cl. C07D 498/22 (2006.01) A61K 31/439 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C12N 15/10 (2006.01)**  
[25] EN  
[54] **THERAPEUTIC COMPOUNDS COMPOSES THERAPEUTIQUES**  
[72] PILCH, DANIEL S., US  
[72] RZUCZEK, SUZANNE G., US  
[72] RICE, JOSEPH E., US  
[72] LAVOIE, EDMOND J., US  
[71] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US  
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055709)  
[87] 2011-05-12 (WO2011/057126)  
[30] US (61/258,475) 2009-11-05

[21] **2,780,147**  
[13] A1

[51] **Int.Cl. G01B 5/012 (2006.01) G01B 5/008 (2006.01)**  
[25] EN  
[54] **IMPROVED ARTICULATED ARM BRAS ARTICULE AMELIORE**  
[72] FERRARI, PAUL, US  
[72] DESFORGES, LAURENT, FR  
[72] HONG, DONGMEI, US  
[72] GERENT, JERRY, US  
[72] CHAMP, PETER, GB  
[72] LIPPUNER, HEINZ, CH  
[72] DELEMONS, JEAN-PAUL, FR  
[72] DUPORTAL, THIBAUT, FR  
[72] FAMECHON, JEAN-LUC, FR  
[72] ROUX, DENNY, FR  
[72] SIERCKS, KNUT, CH  
[72] TAIT, HOGAR, US  
[72] SHAMMAS, ELIE, US  
[71] HEXAGON METROLOGY AB, SE  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055713)  
[87] 2011-05-12 (WO2011/057130)  
[30] US (61/259,105) 2009-11-06  
[30] US (12/748,267) 2010-03-26  
[30] US (12/748,243) 2010-03-26  
[30] US (12/748,278) 2010-03-26  
[30] US (12/748,169) 2010-03-26  
[30] US (12/748,206) 2010-03-26

[21] **2,780,148**  
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01)**  
[25] EN  
[54] **DETECTION, MEASUREMENT, AND IMAGING OF CELLS SUCH AS CANCER AND OTHER BIOLOGIC SUBSTANCES USING TARGETED NANOPARTICLES AND MAGNETIC PROPERTIES THEREOF**  
[54] **DETECTION, MESURE ET IMAGERIE DE CELLULES, NOTAMMENT CANCEREUSES, ET D'AUTRES SUBSTANCES BIOLOGIQUES A L'AIDE DE NANOPARTICULES CIBLEES ET DE LEURS PROPRIETES MAGNETIQUES**  
[72] FLYNN, EDWARD R., US  
[71] SCIENTIFIC NANOMEDICINE, INC., US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055729)  
[87] 2011-05-12 (WO2011/057146)  
[30] US (61/259,011) 2009-11-06  
[30] US (61/308,897) 2010-02-27  
[30] US (61/310,700) 2010-03-04  
[30] US (61/314,392) 2010-03-16  
[30] US (61/331,816) 2010-05-05  
[30] US (61/361,998) 2010-07-07

[21] **2,780,149**  
[13] A1

[51] **Int.Cl. C07D 295/192 (2006.01) A61K 31/165 (2006.01) A61K 31/166 (2006.01) A61K 31/185 (2006.01) A61K 31/192 (2006.01) A61K 31/216 (2006.01) A61K 31/277 (2006.01) A61K 31/381 (2006.01) A61K 31/44 (2006.01) A61K 31/4439 (2006.01) A61K 31/445 (2006.01) A61K 31/4525 (2006.01) A61K 31/4535 (2006.01) A61K 31/4545 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/505 (2006.01) A61K 31/5375 (2006.01) A61K 31/5377 (2006.01) C07C 65/30 (2006.01) C07C 69/73 (2006.01) C07C 235/70 (2006.01) C07D 207/16 (2006.01) C07D 211/36 (2006.01) C07D 213/04 (2006.01) C07D 239/24 (2006.01) C07D 249/06 (2006.01) C07D 263/34 (2006.01) C07D 277/56 (2006.01) C07D 295/112 (2006.01) C07D 307/68 (2006.01) C07D 333/38 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 417/12 (2006.01)**  
[25] EN  
[54] **IRE-1.ALPHA. INHIBITORS INHIBITEURS DE L'IRE-1.ALPHA.**  
[72] PATTERSON, JOHN BRUCE, US  
[72] WADE, WARREN S., US  
[72] ZENG, QINGPING, US  
[71] MANNKIND CORPORATION, US  
[85] 2012-05-02  
[86] 2010-11-01 (PCT/US2010/054940)  
[87] 2011-05-12 (WO2011/056744)  
[30] US (61/257,696) 2009-11-03

[21] **2,780,150**  
[13] A1

[51] **Int.Cl. C07D 231/40 (2006.01) A61K 31/41 (2006.01) A61K 31/415 (2006.01) A61K 31/42 (2006.01) A61P 7/10 (2006.01) C07D 257/06 (2006.01) C07D 261/14 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED CARBAMOYLMETHYLAMINO ACETIC ACID DERIVATIVES AS NOVEL NEP INHIBITORS**  
[54] **DERIVES SUBSTITUES D'ACIDE CARBAMOYLMETHYLAMINO-ACETIQUE UTILISES COMME NOUVEAUX INHIBITEURS DE NEP**  
[72] IWAKI, YUKI, US  
[72] KSANDER, GARY MICHAEL, US  
[72] KAWANAMI, TOSHIO, US  
[72] MOGI, MUNETO, US  
[71] NOVARTIS AG, CH  
[85] 2012-05-04  
[86] 2010-11-18 (PCT/EP2010/067781)  
[87] 2011-05-26 (WO2011/061271)  
[30] US (61/263,137) 2009-11-20  
[30] US (61/359,914) 2010-06-30

## PCT Applications Entering the National Phase

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[21] **2,780,151**  
[13] A1  
[51] **Int.Cl. C07H 7/04 (2006.01) C07H 7/02 (2006.01)**  
[25] EN  
[54] **AMPHIPHILIC COMPOSITIONS AND METHODS FOR PREPARING AND USING SAME**  
[54] **COMPOSITIONS AMPHIPHILES ET PROCÉDES DE PRÉPARATION UTILISANT CELLES-CI**  
[72] FOLEY, PATRICK, US  
[72] ANASTAS, PAUL, US  
[72] SOMMER, TOBY J., US  
[71] YALE UNIVERSITY, US  
[85] 2012-05-04  
[86] 2010-11-08 (PCT/US2010/055831)  
[87] 2011-05-12 (WO2011/057192)  
[30] US (61/258,860) 2009-11-06  
[30] US (61/356,173) 2010-06-18

---

[21] **2,780,152**  
[13] A1  
[51] **Int.Cl. H02M 1/36 (2007.01) H01L 31/042 (2006.01) H02N 6/00 (2006.01)**  
[25] EN  
[54] **CONNECTING A PHOTOVOLTAIC ARRAY WITH A HIGH OPEN CIRCUIT VOLTAGE**  
[54] **RACCORDEMENT D'UN PANNEAU PHOTOVOLTAÏQUE A DE LA HAUTE TENSION EN CIRCUIT OUVERT**  
[72] LEHMANN, REINHARD, DE  
[71] SMA SOLAR TECHNOLOGY AG, DE  
[85] 2012-05-04  
[86] 2010-11-24 (PCT/EP2010/068086)  
[87] 2011-06-03 (WO2011/064232)  
[30] EP (09176900.0) 2009-11-24

---

[21] **2,780,153**  
[13] A1  
[51] **Int.Cl. G01N 33/577 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)**  
[25] EN  
[54] **REAGENTS AND METHODS FOR DETECTING PNH TYPE II WHITE BLOOD CELLS AND THEIR IDENTIFICATION AS RISK FACTORS FOR THROMBOTIC DISORDERS**  
[54] **REACTIFS ET PROCÉDES DESTINÉS A DÉTECTER DES GLOBULES BLANCS ASSOCIÉS A UNE HPN DE TYPE II ET LEUR IDENTIFICATION COMME FACTEURS DE RISQUE POUR DES TROUBLES THROMBOTIQUES**  
[72] ROTHER, RUSSELL P., US  
[72] FAAS MCKNIGHT, SUSAN, US  
[72] MOVALIA, MAYUR, US  
[72] ILLINGWORTH, ANDREA, US  
[71] ALEXION PHARMACEUTICALS, INC., US  
[85] 2012-05-04  
[86] 2010-11-09 (PCT/US2010/055997)  
[87] 2011-05-12 (WO2011/057250)  
[30] US (61/280,897) 2009-11-09

---

[21] **2,780,154**  
[13] A1  
[51] **Int.Cl. C12N 15/39 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **DIAGNOSTIC ASSAYS FOR CHORDOPOXVIRUSES**  
[54] **ANALYSES DIAGNOSTIQUES POUR CHORDOPOXVIRUS**  
[72] ZHAO, HUI, US  
[72] DAMON, INGER K., US  
[72] LI, YU, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[85] 2012-05-02  
[86] 2010-11-02 (PCT/US2010/055061)  
[87] 2011-05-12 (WO2011/056771)  
[30] US (61/257,582) 2009-11-03

---

[21] **2,780,155**  
[13] A1  
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4162 (2006.01) A61P 25/00 (2006.01) C07D 487/04 (2006.01)**  
[25] EN  
[54] **ETHYNYL DERIVATIVES DERIVES D'ETHYNYLE**  
[72] STADLER, HEINZ, CH  
[72] GUBA, WOLFGANG, DE  
[72] JOLIDON, SYNESE, CH  
[72] VIEIRA, ERIC, CH  
[72] LINDEMANN, LOTHAR, CH  
[72] JAESCHKE, GEORG, CH  
[72] GREEN, LUKE, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-04  
[86] 2010-12-14 (PCT/EP2010/069593)  
[87] 2011-06-23 (WO2011/073172)  
[30] EP (09179719.1) 2009-12-17

---

[21] **2,780,156**  
[13] A1  
[51] **Int.Cl. A61B 17/00 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR PROVIDING ACCESS AND CLOSURE TO TISSUE**  
[54] **SYSTEME ET PROCÉDE DESTINÉS A FOURNIR UN ACCÈS ET UNE FERMETURE A UN TISSU**  
[72] SHANLEY, JOHN F., US  
[71] ENTOURAGE MEDICAL TECHNOLOGIES, INC., US  
[85] 2012-05-04  
[86] 2010-11-09 (PCT/US2010/056084)  
[87] 2011-05-12 (WO2011/057299)  
[30] US (61/259,636) 2009-11-09

---

[21] **2,780,157**  
[13] A1  
[51] **Int.Cl. G03B 17/00 (2006.01)**  
[25] EN  
[54] **CAMERA MODULE WITH FOLD-OVER FLEXIBLE CIRCUIT AND CAVITY SUBSTRATE**  
[54] **MODULE D'APPAREIL DE PRISE DE VUES A AVEC CIRCUIT FLEXIBLE RABATTABLE ET SUPPORT AVEC CAVITE**  
[72] LIMAYE, ABHUIT, US  
[72] CHUA, ALBERT JOHN Y., US  
[71] FLEXTRONICS AP, LLC, US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/002913)  
[87] 2011-05-12 (WO2011/056228)  
[30] US (12/590,325) 2009-11-05

## Demandes PCT entrant en phase nationale

[21] **2,780,158**  
[13] A1

[51] **Int.Cl. D21H 13/24 (2006.01) D21H 13/00 (2006.01) D21H 13/14 (2006.01) D21H 13/16 (2006.01)**

[25] EN

[54] **FIBROUS STRUCTURES THAT EXHIBIT CONSUMER RELEVANT PROPERTY VALUES**

[54] **STRUCTURES FIBREUSES PRESENTANT DES VALEURS DE PROPRIETE PERTINENTES POUR LES CONSOMMATEURS**

[72] TROKHAN, PAUL DENNIS, US  
[72] BARKEY, DOUGLAS JAY, US  
[72] YOUNG, CHRISTOPHER MICHAEL, US  
[72] BARNHOLTZ, STEVEN LEE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-05-02  
[86] 2010-11-02 (PCT/US2010/055070)  
[87] 2011-11-05 (WO2011/053955)  
[30] US (61/257,248) 2009-11-02

[21] **2,780,159**  
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) B01J 47/02 (2006.01)**

[25] EN

[54] **COOLING DEVICE FOR A FUNCTIONAL SYSTEM**

[54] **DISPOSITIF DE REFROIDISSEMENT D'UN SYSTEME FONCTIONNEL**

[72] KOCH, CHRISTOPH, DE  
[72] SCHWIENBACHER, WOLFGANG, DE  
[72] TEUSCHEL, PETER, DE  
[72] FASOLD, MICHAEL, DE  
[72] BEYLICH, MARKUS, DE  
[71] MANN & HUMMEL GMBH, DE  
[85] 2012-02-10  
[86] 2010-08-13 (PCT/EP2010/061808)  
[87] 2011-02-17 (WO2011/018508)  
[30] DE (10 2009 037 080.3) 2009-08-13  
[30] DE (10 2009 049 427.8) 2009-10-14

[21] **2,780,160**  
[13] A1

[51] **Int.Cl. A61K 31/196 (2006.01) A61K 31/137 (2006.01) A61K 31/165 (2006.01) A61P 27/16 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR RAPID TREATMENT OF OTITIS EXTERNA**

[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT RAPIDE D'UNE OTITE EXTERNE**

[72] HEPLER, DOUGLAS I., US  
[72] CAMPBELL, WILLIAM R., US  
[72] JOHNSON, ROLAND H., US  
[72] PAULSEN, NEIL E., US  
[71] BAYER B.V., NL  
[85] 2012-05-04  
[86] 2010-11-10 (PCT/US2010/056255)  
[87] 2011-05-19 (WO2011/060083)  
[30] US (61/260,309) 2009-11-11

[21] **2,780,161**  
[13] A1

[51] **Int.Cl. C07D 207/09 (2006.01) A61K 31/4025 (2006.01) A61K 31/4523 (2006.01) A61K 31/5355 (2006.01) C07D 207/10 (2006.01) C07D 207/12 (2006.01) C07D 211/26 (2006.01) C07D 241/04 (2006.01) C07D 265/30 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **SUBSTITUTED BENZAMIDE DERIVATIVES**

[54] **DERIVES DE BENZAMIDE SUBSTITUES**

[72] GROEBKE ZBINDEN, KATRIN, CH  
[72] NORCROSS, ROGER, CH  
[72] PFLIEGER, PHILIPPE, FR  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-04  
[86] 2010-12-17 (PCT/EP2010/070045)  
[87] 2011-06-30 (WO2011/076678)  
[30] EP (09180504.4) 2009-12-22

[21] **2,780,162**  
[13] A1

[51] **Int.Cl. G02B 17/06 (2006.01) G02B 26/10 (2006.01)**

[25] EN

[54] **COMPACT MULTISPECTRAL SCANNING SYSTEM**

[54] **SYSTEME COMPACT DE BALAYAGE MULTI-SPECTRAL**

[72] CALLEJERO ANDRES, CARLOS, ES  
[71] ALFA IMAGING, S.A., ES  
[85] 2012-04-13  
[86] 2010-03-18 (PCT/EP2010/053558)  
[87] 2011-04-21 (WO2011/045087)  
[30] ES (P200901996) 2009-10-15

[21] **2,780,163**  
[13] A1

[51] **Int.Cl. A61K 38/16 (2006.01) A61K 47/48 (2006.01) A61P 9/04 (2006.01) C07K 14/575 (2006.01) C07K 17/02 (2006.01)**

[25] EN

[54] **METHOD FOR TREATING HEART FAILURE WITH STRESSCOPIN-LIKE PEPTIDES**

[54] **METHODE DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE AVEC DES PEPTIDES DE TYPE STRESSCOPINE**

[72] SHANKLEY, NIGEL P., US  
[72] SABBABH, HANI N., US  
[72] GENGO, PETER J., US  
[71] JANSSEN PHARMACEUTICA NV, BE  
[85] 2012-05-04  
[86] 2010-11-04 (PCT/US2010/055526)  
[87] 2011-05-12 (WO2011/057027)  
[30] US (12/612,548) 2009-11-04  
[30] US (61/258,181) 2009-11-04

## PCT Applications Entering the National Phase

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[21] **2,780,165**  
[13] A1  
[51] **Int.Cl. A61K 36/81 (2006.01) A61P 3/14 (2006.01) A61P 13/12 (2006.01) A61P 19/10 (2006.01)**  
[25] EN  
[54] **USE OF EXTRACTS FROM SALONUM GLAUCOPHYLLUM FOR TREATING BONE METABOLISM DISORDERS AND KIDNEY DISORDERS**  
[54] **UTILISATION D'EXTRAITS DE SALONUM GLAUCOPHYLLUM POUR LE TRAITEMENT DE TROUBLES DU METABOLISME OSSEUX ET DE NEPHROPATHIES**  
[72] AUTZEN, SABRINA, DE  
[72] BACHMANN, HEINRICH, CH  
[71] HERBONIS AG, CH  
[85] 2012-04-17  
[86] 2010-10-20 (PCT/EP2010/065784)  
[87] 2011-04-28 (WO2011/048136)  
[30] EP (PCT/EP2009/007518) 2009-10-20

---

[21] **2,780,170**  
[13] A1  
[51] **Int.Cl. G06Q 50/00 (2012.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR INTEGRATION OF CLINICAL AND FACILITIES MANAGEMENT SYSTEMS**  
[54] **PROCEDE ET SYSTEME POUR L'INTEGRATION DE SYSTEMES DE GESTION CLINIQUE ET DE GESTION DES INSTALLATIONS**  
[72] HICKS, THOMAS S., US  
[72] NYBERG, DENISE BAUER, US  
[72] ROCK, DIANE P., US  
[72] WINFREY, SCOTT R., US  
[72] LAMBERT, VON E., US  
[72] KOCH, TIMOTHY E., US  
[71] HDR ARCHITECTURE, INC., US  
[85] 2012-05-04  
[86] 2010-11-08 (PCT/US2010/055771)  
[87] 2011-05-12 (WO2011/057173)  
[30] US (61/259,313) 2009-11-09

---

[21] **2,780,173**  
[13] A1  
[51] **Int.Cl. G06Q 30/00 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COMMUNICATING INFORMATION TO A CUSTOMER AT A POINT-OF SALE VIA A WIRELESS LINK WITHIN A RETAIL STORE**  
[54] **SYSTEME ET PROCEDE POUR COMMUNIQUER DES INFORMATIONS A UN CLIENT AU NIVEAU D'UN POINT DE VENTE VIA UNE LIAISON SANS FIL DANS UN MAGASIN DE DETAIL**  
[72] WHITE, LEE, US  
[71] WAL-MART STORES, INC., US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055657)  
[87] 2011-05-12 (WO2011/057096)  
[30] US (12/613,950) 2009-11-06

---

[21] **2,780,168**  
[13] A1  
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/315 (2006.01)**  
[25] EN  
[54] **CLINICAL SYRINGE**  
[54] **SERINGUE CLINIQUE**  
[72] SIU, ERIC, AU  
[72] KAAL, JOSEPH HERMES, AU  
[72] JOHNSON, IAN, AU  
[72] READE, ANDREW, AU  
[72] THORLEY, CRAIG STEPHEN, AU  
[72] DUNN, CHRISTOPHER, AU  
[72] SOKOLOV, RICHARD, AU  
[71] UNITRACT SYRINGE PTY LTD, AU  
[85] 2012-05-03  
[86] 2010-11-11 (PCT/AU2010/001504)  
[87] 2011-05-19 (WO2011/057334)  
[30] US (61/260,253) 2009-11-11

---

[21] **2,780,171**  
[13] A1  
[51] **Int.Cl. C25B 1/04 (2006.01) B01J 23/75 (2006.01) C01B 3/06 (2006.01) C01B 13/02 (2006.01) C25B 11/06 (2006.01)**  
[25] EN  
[54] **BUFFERED COBALT OXIDE CATALYSTS**  
[54] **CATALYSEURS TAMPONNES A BASE D'OXYDE DE COBALT**  
[72] GERKEN, JAMES B., US  
[72] STAHL, SHANNON S., US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2012-05-04  
[86] 2010-11-29 (PCT/US2010/058150)  
[87] 2011-06-09 (WO2011/068743)  
[30] US (12/628,464) 2009-12-01  
[30] US (61/380,915) 2010-09-08

---

[21] **2,780,174**  
[13] A1  
[51] **Int.Cl. B64D 11/06 (2006.01)**  
[25] EN  
[54] **PASSENGER SEAT ASSEMBLY**  
[54] **ENSEMBLE DE SIEGE PASSAGER**  
[72] WESTERINK, RIK, US  
[72] WEGENKA, JEFF, US  
[71] WEBER AIRCRAFT LLC, US  
[85] 2012-05-04  
[86] 2010-12-01 (PCT/US2010/058495)  
[87] 2011-06-09 (WO2011/068828)  
[30] US (61/283,230) 2009-12-01

## Demandes PCT entrant en phase nationale

[21] **2,780,175**  
[13] A1

[51] **Int.Cl. H01L 31/06 (2012.01) H01L 31/042 (2006.01)**  
[25] EN  
[54] **HIGH POWER EFFICIENCY POLYCRYSTALLINE CDTE THIN FILM SEMICONDUCTOR PHOTOVOLTAIC CELL STRUCTURES FOR USE IN SOLAR ELECTRICITY GENERATION**  
[54] **STRUCTURES DE CELLULES PHOTOVOLTAIQUES A SEMI-CONDUCTEUR A COUCHE MINCE DE CDTE POLYCRISTALLIN A HAUT RENDEMENT ENERGETIQUE DESTINEES A ETRE UTILISEES DANS LA GENERATION D'ELECTRICITE SOLAIRE**  
[72] GARNETT, JAMES DAVID, US  
[72] DINGUS, PETER, US  
[72] WANG, SHUMIN, US  
[71] URIEL SOLAR INC., US  
[85] 2012-05-04  
[86] 2010-12-10 (PCT/US2010/059969)  
[87] 2011-06-16 (WO2011/072269)  
[30] US (61/285,531) 2009-12-10

[21] **2,780,176**  
[13] A1

[51] **Int.Cl. C12N 9/42 (2006.01)**  
[25] EN  
[54] **POLYPEPTIDES HAVING CELLOBIOHYDROLASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**  
[54] **POLYPEPTIDES AYANT UNE ACTIVITE CELLOBIOHYDROLASE ET POLYNUCLEOTIDES CODANT POUR LES POLYPEPTIDES**  
[72] SCHNORR, KIRK, DK  
[72] STRINGER, MARY, DK  
[72] MCBRAYER, BRETT, US  
[72] VLASENKO, ELENA, US  
[71] NOVOZYMES A/S, DK  
[71] NOVOZYMES, INC., US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055643)  
[87] 2011-05-12 (WO2011/057086)  
[30] US (61/258,999) 2009-11-06  
[30] US (61/310,430) 2010-03-04

[21] **2,780,177**  
[13] A1

[51] **Int.Cl. A61K 31/635 (2006.01) A61K 9/48 (2006.01) A61K 47/24 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**  
[25] EN  
[54] **ABT-263 CAPSULE**  
[54] **CAPSULE DE ABT-263**  
[72] SCHMITT, ERIC A., US  
[72] CATRON, NATHANIEL, US  
[72] SANZGIRI, YESHWANT D., US  
[72] TONG, PING, US  
[72] ZHOU, DELIANG, US  
[72] FISCHER, CRISTINA M., US  
[72] ZHANG, GEOFF G. Z., US  
[72] HEEMSTRA, KATHERINE, US  
[71] ABBOTT LABORATORIES, US  
[85] 2012-05-04  
[86] 2010-12-21 (PCT/US2010/061588)  
[87] 2011-06-30 (WO2011/079127)  
[30] US (61/289,289) 2009-12-22

[21] **2,780,178**  
[13] A1

[51] **Int.Cl. E04B 1/18 (2006.01)**  
[25] EN  
[54] **BUILDING STRUCTURES AND CONSTRUCTION METHODS**  
[54] **STRUCTURES DE BATIMENT ET METHODES DE CONSTRUCTION**  
[72] RAHIMZADEH, HOUSH, US  
[72] RAHIMZADEH, MARC, US  
[71] DIVERSAKORE LLC, US  
[85] 2012-05-04  
[86] 2010-11-08 (PCT/US2010/055810)  
[87] 2012-04-12 (WO2012/047243)  
[30] US (61/259,104) 2009-11-06

[21] **2,780,179**  
[13] A1

[51] **Int.Cl. C12N 9/42 (2006.01) C12P 19/02 (2006.01) D06M 16/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS FOR SACCHARIFICATION OF CELLULOSIC MATERIAL**  
[54] **COMPOSITIONS POUR LA SACCHARIFICATION DES MATIERES CELLULOSIQUES**  
[72] SHAGHASI, TARANA, US  
[72] MCBRAYER, BRETT, US  
[72] VLASENKO, ELENA, US  
[71] NOVOZYMES, INC., US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055723)  
[87] 2011-05-12 (WO2011/057140)  
[30] US (61/259,014) 2009-11-06

[21] **2,780,180**  
[13] A1

[51] **Int.Cl. A61K 9/12 (2006.01) A61M 35/00 (2006.01)**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR TOPICAL APPLICATION**  
[54] **COMPOSITION MOUSSANTE TOPIQUE ET PROCEDE D'APPLICATION**  
[72] LEBEL, ROCH, CA  
[71] MEDICA AVENUE, CA  
[85] 2012-05-07  
[86] 2009-12-09 (PCT/CA2009/001804)  
[87] 2010-06-17 (WO2010/066047)  
[30] CA (2,646,932) 2008-12-10

[21] **2,780,181**  
[13] A1

[51] **Int.Cl. G01R 33/387 (2006.01) G01R 33/32 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING HOMOGENEOUS MAGNETIC FIELDS**  
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE DES CHAMPS MAGNETIQUES HOMOGENES**  
[72] MCFEETORS, GREGORY, CA  
[72] PERNECKER, SEBASTIEN, CH  
[72] LESKOWITZ, GARETT M., CA  
[71] NANALYSIS CORP., CA  
[85] 2012-05-07  
[86] 2010-12-01 (PCT/CA2010/001920)  
[87] 2011-06-09 (WO2011/066652)  
[30] US (61/266,015) 2009-12-02

[21] **2,780,182**  
[13] A1

[51] **Int.Cl. H04L 12/64 (2006.01)**  
[25] EN  
[54] **METHOD OF ESTABLISHING OPTIMIZED MEDIA PATH AND SIGNALING GATEWAY FOR IMPLEMENTING THIS METHOD**  
[54] **PROCEDE POUR ETABLIR UN CHEMIN MULTIMEDIA OPTIMISE ET PASSERELLE DE SIGNALISATION PERMETTANT D'IMPLEMENTER CE PROCEDE**  
[72] XIE, ZHENHUA, CN  
[72] HAO, ZHENWU, CN  
[71] ZTE CORPORATION, CN  
[85] 2012-05-07  
[86] 2010-10-22 (PCT/CN2010/078009)  
[87] 2011-05-12 (WO2011/054257)  
[30] CN (200910221364.1) 2009-11-06

## PCT Applications Entering the National Phase

[21] **2,780,183**  
[13] A1

[51] **Int.Cl. C07D 309/30 (2006.01)**  
[25] EN  
[54] **METHODS FOR PREPARING STATIN COMPOUNDS BY LACTONIZATION**  
[54] **PROCEDES DE PREPARATION DE COMPOSES DE STATINE PAR LACTONISATION**  
[72] MA, DEYIN, CN  
[72] ZHANG, YUNHUI, CN  
[72] HE, QINGKAI, CN  
[71] PEKING UNIVERSITY FOUNDER GROUP CO., LTD., CN  
[71] PKU INTERNATIONAL HEALTHCARE GROUP CO., LTD., CN  
[71] SOUTHWEST SYNTHETIC PHARMACEUTICAL CORP., LTD., CN  
[85] 2012-05-07  
[86] 2010-11-22 (PCT/CN2010/078949)  
[87] 2011-05-26 (WO2011/060742)  
[30] CN (200910191545.4) 2009-11-20

[21] **2,780,184**  
[13] A1

[51] **Int.Cl. A01G 13/02 (2006.01)**  
[25] EN  
[54] **A TUBE FOR PLANT CULTIVATION PREVENTING ROOT TWIST**  
[54] **TUBE POUR CULTIVER DES PLANTES QUI EMPECHE LA TORSION DES RACINES**  
[72] ROENNEKE, PETER, SE  
[71] ROENNEKE, PETER, SE  
[85] 2012-05-07  
[86] 2009-11-12 (PCT/EP2009/065055)  
[87] 2010-05-20 (WO2010/055094)  
[30] US (12/291,585) 2008-11-12

[21] **2,780,187**  
[13] A1

[51] **Int.Cl. A01N 25/02 (2006.01) A01N 43/653 (2006.01)**  
[25] EN  
[54] **BIOCIDE COMPOSITIONS COMPRISING CARBAMATES**  
[54] **COMPOSITIONS BIOCIDES COMPRENANT DES CARBAMATES**  
[72] MERLET, STEPHANIE, DE  
[72] MUNZENBERG, CINDY, DE  
[72] WIETHOFF, HELENA, DE  
[71] COGNIS IP MANAGEMENT GMBH, DE  
[85] 2012-05-07  
[86] 2010-11-08 (PCT/EP2010/006792)  
[87] 2011-05-26 (WO2011/060890)  
[30] EP (EP09014325) 2009-11-17

[21] **2,780,189**  
[13] A1

[51] **Int.Cl. B32B 27/08 (2006.01) A01F 25/13 (2006.01) A01F 25/14 (2006.01)**  
[25] EN  
[54] **SILAGE COVER**  
[54] **COUVERTURE DE SILO**  
[72] EGGERS, HOLGER, DE  
[71] RKW SE, DE  
[85] 2012-05-07  
[86] 2010-11-09 (PCT/EP2010/006799)  
[87] 2011-05-19 (WO2011/057752)  
[30] DE (10 2009 052 948.9) 2009-11-12

[21] **2,780,190**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01)**  
[25] EN  
[54] **COMPOUNDS AND METHODS FOR KINASE MODULATION, AND INDICATIONS THEREFOR**  
[54] **COMPOSES ET METHODES DE MODULATION DES KINASES ET LEURS INDICATIONS D'EMPLOI**  
[72] ZHANG, JIAZHONG, US  
[72] IBRAHIM, PRABHA N., US  
[72] BREMER, RYAN, US  
[72] CHO, HANNA, US  
[72] SPEVAK, WAYNE, US  
[71] PLEXXIKON, INC., US  
[85] 2012-05-04  
[86] 2010-11-04 (PCT/US2010/055519)  
[87] 2011-05-12 (WO2011/057022)  
[30] US (61/259,093) 2009-11-06

[21] **2,780,192**  
[13] A1

[51] **Int.Cl. A61F 2/64 (2006.01) A61F 2/68 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR CONTROLLING AN ARTIFICIAL ORTHOTIC OR PROSTHETIC JOINT**  
[54] **PROCEDE ET DISPOSITIF POUR COMMANDER UNE ARTICULATION ORTHETIQUE OU PROTHETIQUE ARTIFICIELLE**  
[72] SEYR, MARTIN, AT  
[72] KALTENBORN, SVEN, DE  
[72] PAWLIK, ROLAND, AT  
[72] KAMPAS, PHILIPP, AT  
[71] OTTO BOCK HEALTHCARE PRODUCTS GMBH, AT  
[85] 2012-05-07  
[86] 2010-11-12 (PCT/EP2010/006891)  
[87] 2011-05-19 (WO2011/057790)  
[30] DE (10 2009 052 888.1) 2009-11-13

[21] **2,780,193**  
[13] A1

[51] **Int.Cl. A61K 38/47 (2006.01) A61P 11/12 (2006.01) C12N 9/24 (2006.01)**  
[25] EN  
[54] **METHODS, COMPOUNDS AND COMPOSITIONS FOR TREATMENT AND PROPHYLAXIS IN THE RESPIRATORY TRACT**  
[54] **METHODES, COMPOSES ET COMPOSITIONS POUR LE TRAITEMENT ET LA PROPHYLAXIE DES VOIES RESPIRATOIRES**  
[72] WURTMAN, DAVID, US  
[72] FANG, FANG, US  
[72] MALAKHOV, MICHAEL, US  
[72] MOSS, RON, US  
[71] NEXBIO, INC., US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055636)  
[87] 2011-05-12 (WO2011/057081)  
[30] US (61/259,033) 2009-11-06  
[30] US (61/259,055) 2009-11-06  
[30] US (61/322,813) 2010-04-09  
[30] US (61/332,063) 2010-05-06  
[30] US (61/381,420) 2010-09-09

[21] **2,780,194**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01)**  
[25] EN  
[54] **REMOVAL OF CO2 FROM GASES BY MEANS OF AQUEOUS AMINE SOLUTIONS UNDER THE ADDITION OF A STERICALLY HINDERED AMINE**  
[54] **ELIMINATION DU CO2 CONTENU DANS DES GAZ AU MOYEN DE SOLUTIONS D'AMINE AQUEUSE AVEC ADJONCTION D'UNE AMINE A ENCOMBREMENT STERIQUE**  
[72] VON MORSTEIN, OLAF, DE  
[72] MENZEL, JOHANNES, DE  
[71] THYSSENKRUPP UHDE GMBH, DE  
[85] 2012-05-07  
[86] 2010-12-21 (PCT/EP2010/007839)  
[87] 2011-06-14 (WO2011/082809)  
[30] DE (10 2010 004 070.3) 2010-01-05

## Demandes PCT entrant en phase nationale

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[21] **2,780,196**  
[13] A1  
[51] **Int.Cl. H01Q 1/24 (2006.01) H01Q 1/28 (2006.01) H01Q 1/52 (2006.01)**  
[25] EN  
[54] **ANTENNA APPARATUS AND ANTENNA SELECTION METHOD**  
[54] **APPAREIL D'ANTENNE ET PROCEDE DE SELECTION D'ANTENNE**  
[72] DOETSCH, UWE, DE  
[72] KAMINSKI, STEPHEN, DE  
[72] CESAR, BOZO, DE  
[71] ALCATEL LUCENT, FR  
[85] 2012-05-07  
[86] 2010-09-21 (PCT/EP2010/063843)  
[87] 2011-05-19 (WO2011/057840)  
[30] EP (09290859.9) 2009-11-12

---

[21] **2,780,198**  
[13] A1  
[51] **Int.Cl. C12N 9/42 (2006.01)**  
[25] EN  
[54] **POLYPEPTIDES HAVING XYLANASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**  
[54] **POLYPEPTIDES PRESENTANT UNE ACTIVITE XYLANASE ET POLYNUCLEOTIDES CODANT POUR CEUX-CI**  
[72] LANDVIK, SARA, DK  
[72] VLASENKO, ELENA, US  
[72] MCBRAYER, BRETT, US  
[72] SKOVLUND, DOMINIQUE, DK  
[71] NOVOZYMES A/S, DK  
[71] NOVOZYMES, INC., US  
[85] 2012-05-04  
[86] 2010-11-05 (PCT/US2010/055640)  
[87] 2011-05-12 (WO2011/057083)  
[30] US (61/259,006) 2009-11-06

---

[21] **2,780,199**  
[13] A1  
[51] **Int.Cl. A61K 31/14 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION CONTAINING CHOLINE**  
[54] **MEDICAMENTS CONTENANT DE LA CHOLINE**  
[72] APP, ERNST-MARIA, DE  
[71] APP, ERNST-MARIA, DE  
[85] 2012-05-07  
[86] 2010-11-03 (PCT/EP2010/066747)  
[87] 2011-05-12 (WO2011/054875)  
[30] DE (10 2009 053 157.2) 2009-11-06

---

[21] **2,780,201**  
[13] A1  
[51] **Int.Cl. D21H 13/50 (2006.01) B29D 99/00 (2010.01) B31D 3/00 (2006.01) D21H 27/22 (2006.01)**  
[25] EN  
[54] **FOLDED CORE BASED ON CARBON FIBER PAPER AND ARTICLES MADE FROM SAME**  
[54] **AME PLIEE A PARTIR DE PAPIER DE FIBRES DE CARBONE ET ARTICLES OBTENUS**  
[72] KAWKA, DARIUSZ WLODZIMIERZ, US  
[72] LEVIT, MIKHAIL R., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2012-05-04  
[86] 2010-11-17 (PCT/US2010/057030)  
[87] 2011-05-26 (WO2011/062985)  
[30] US (61/262,969) 2009-11-20

---

[21] **2,780,203**  
[13] A1  
[51] **Int.Cl. C07D 239/47 (2006.01) C07F 5/02 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SUBSTITUTED PHENYLALANINES**  
[54] **PROCEDE DE PREPARATION DE PHENYLALANINES SUBSTITUEES**  
[72] WU, WENXUE, US  
[72] ZHAO, MATTHEW MANGZHU, US  
[72] IIMURA, SHINYA, JP  
[71] LEXICON PHARMACEUTICALS, INC., US  
[85] 2012-05-04  
[86] 2010-11-18 (PCT/US2010/057149)  
[87] 2011-05-26 (WO2011/063072)  
[30] US (61/262,834) 2009-11-19

---

[21] **2,780,204**  
[13] A1  
[51] **Int.Cl. H04L 29/08 (2006.01)**  
[25] EN  
[54] **OPTIMIZING CACHING PERIOD OF LOCATION DATA FOR NETWORK BASED LOCATION SERVICES**  
[54] **OPTIMISATION DE PERIODE DE MISE EN ANTEMEMOIRE DE DONNEES D'EMPLACEMENT POUR DES SERVICES D'EMPLACEMENT SUR UN RESEAU**  
[72] NIELSEN, MARK DAVID, US  
[72] TREVATHAN, MATTHEW BUNKLEY, US  
[72] TERRY, MATTHEW ADAM, US  
[72] RAMANATHAN, SRI, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2012-05-07  
[86] 2010-11-09 (PCT/EP2010/067102)  
[87] 2011-06-09 (WO2011/067075)  
[30] US (12/629,539) 2009-12-02

---

[21] **2,780,206**  
[13] A1  
[51] **Int.Cl. H04W 76/04 (2009.01) H04W 8/08 (2009.01) H04W 36/00 (2009.01) H04W 76/02 (2009.01)**  
[25] EN  
[54] **HANDOVER DELAY OPTIMIZATION**  
[54] **OPTIMISATION DE RETARD DE TRANSFERT**  
[72] LINDHOLM, FREDRIK, SE  
[72] HALLENSTAL, MAGNUS, SE  
[72] KELLER, RALF, DE  
[72] OLSSON, MAGNUS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
[85] 2012-05-07  
[86] 2010-11-09 (PCT/EP2010/067150)  
[87] 2011-05-19 (WO2011/058022)  
[30] US (61/259,709) 2009-11-10

## PCT Applications Entering the National Phase

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[21] **2,780,207**  
[13] A1  
[51] **Int.Cl. A61K 38/10 (2006.01) A61K 39/118 (2006.01) A61P 31/04 (2006.01) C07K 7/08 (2006.01)**  
[25] EN  
[54] **LOW ANTIGEN-DOSE IMMUNIZATION FOR MAXIMIZING T-HELPER CELL 1 (T H1) IMMUNITY AGAINST DISEASE**  
[54] **IMMUNISATION PAR UNE FAIBLE DOSE D'ANTIGENE AFIN DE MAXIMISER L'IMMUNITE PAR LES LYMPHOCYTES T AUXILIAIRES DE TYPE 1 (TH1) CONTRE DES MALADIES**  
[72] LI, YIHANG, US  
[72] CHOWDHURY, ERFAN ULLAH, US  
[72] KALTENBOECK, BERNHARD, US  
[71] AUBURN UNIVERSITY, US  
[85] 2012-05-04  
[86] 2010-11-18 (PCT/US2010/057250)  
[87] 2011-05-26 (WO2011/063133)  
[30] US (61/262,216) 2009-11-18

---

[21] **2,780,210**  
[13] A1  
[51] **Int.Cl. A47L 13/38 (2006.01) A47L 13/24 (2006.01)**  
[25] EN  
[54] **HANDLE FOR REMOVABLE CLEANING IMPLEMENT**  
[54] **MANCHE POUR OUTIL DE NETTOYAGE AMOVIBLE**  
[72] SCHULLER, DAVID WILLIAM, US  
[72] BERGER, RYAN ROBERT, US  
[72] JURATOVAC, DIANA WOENL, US  
[72] HAGEE, RICHARD CHRISTOPHER, US  
[72] LANE, RICHARD LEE, US  
[72] TEUFEL, RANIER BERNHARD, US  
[72] POLICICCHIO, NICOLA JOHN, US  
[72] RUCKER, DAVID CALVERT, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-05-07  
[86] 2010-11-04 (PCT/US2010/055400)  
[87] 2011-05-12 (WO2011/056940)  
[30] US (12/613,015) 2009-11-05

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[21] **2,780,218**  
[13] A1  
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/427 (2006.01) A61P 25/00 (2006.01)**  
[25] EN  
[54] **MORPHOLINOTHIAZOLES AS ALPHA 7 POSITIVE ALLOSTERIC MODULATORS**  
[54] **MORPHOLINOTHIAZOLES EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS D'ALPHA 7**  
[72] MACDONALD, GREGOR JAMES, BE  
[72] DE BOECK, BENOIT CHRISTIAN ALBERT GHISLAIN, BE  
[72] LEENAERTS, JOSEPH ELISABETH, BE  
[71] JANSSEN PHARMACEUTICA NV, BE  
[85] 2012-05-07  
[86] 2010-11-25 (PCT/EP2010/068193)  
[87] 2011-06-03 (WO2011/064288)  
[30] EP (09177347.3) 2009-11-27

---

[21] **2,780,208**  
[13] A1  
[51] **Int.Cl. C07K 14/44 (2006.01) A61K 39/005 (2006.01) C07K 16/20 (2006.01) C12N 15/30 (2006.01) G01N 33/68 (2006.01)**  
[25] FR  
[54] **THERAPEUTIC AND DIAGNOSTIC APPLICATIONS AGAINST TRYPANOSOMOSIS**  
[54] **APPLICATIONS THERAPEUTIQUES ET DIAGNOSTICS CONTRE LES TRYPANOSOMOSSES**  
[72] BALTZ, THEO, FR  
[72] THONNUS, MAGALI, FR  
[72] COUSTOU LINARES, VIRGINIE, FR  
[71] UNIVERSITE BORDEAUX SEGALEN, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2012-05-07  
[86] 2010-11-10 (PCT/EP2010/067208)  
[87] 2011-05-19 (WO2011/058055)  
[30] FR (0958035) 2009-11-13

---

[21] **2,780,212**  
[13] A1  
[51] **Int.Cl. G06F 7/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONDITION, COST AND DURATION ANALYSIS**  
[54] **SYSTEME ET PROCEDE POUR ANALYSE DE CONDITION, COUT ET DUREE**  
[72] BUTLER, CAROL, US  
[72] ANDERSON, DAVID R., US  
[72] HANE, CHRISTOPHER A., US  
[72] RAWLINGS, JEAN, US  
[72] ST. CLAIR, SEAN, US  
[72] TONG, T.C., US  
[71] OPTUMINSIGHT, INC., US  
[85] 2012-05-07  
[86] 2010-11-04 (PCT/US2010/055466)  
[87] 2011-05-12 (WO2011/056984)  
[30] US (61/258,969) 2009-11-06

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[21] **2,780,219**  
[13] A1  
[51] **Int.Cl. C07D 471/10 (2006.01) A61K 31/438 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01)**  
[25] EN  
[54] **AZACYCLIC SPIRO DERIVATIVES**  
[54] **DERIVES SPIRO AZACYCLIQUES**  
[72] ACKERMANN, JEAN, CH  
[72] NEIDHART, WERNER, FR  
[72] HUNZIKER, DANIEL, CH  
[72] CONTE, AURELIA, CH  
[72] NETTEKOVEN, MATTHIAS, DE  
[72] SCHULZ-GASCH, TANJA, CH  
[72] WERTHEIMER, STANLEY, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-07  
[86] 2010-11-26 (PCT/EP2010/068265)  
[87] 2011-06-09 (WO2011/067166)  
[30] EP (09177653.4) 2009-12-01

## Demandes PCT entrant en phase nationale

[21] **2,780,220**  
[13] A1

[51] **Int.Cl. G06F 12/08 (2006.01)**  
[25] EN  
[54] **DYNAMIC MANAGEMENT OF DESTAGE TASKS IN A STORAGE CONTROLLER**  
[54] **GESTION DYNAMIQUE DE TACHES DE DESACTIVATION DANS UN CONTROLEUR DE MEMOIRE**  
[72] ASH, KEVIN J., US  
[72] GUPTA, LOKESH M., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2012-05-07  
[86] 2011-01-05 (PCT/EP2011/050101)  
[87] 2011-08-04 (WO2011/092045)  
[30] US (12/697,385) 2010-02-01

[21] **2,780,223**  
[13] A1

[51] **Int.Cl. G06F 3/048 (2006.01) G06F 3/14 (2006.01)**  
[25] EN  
[54] **CONTENT DISPLAYING APPARATUS, CONTENT DISPLAYING METHOD, CONTENT DISPLAYING PROGRAM, RECORDING MEDIUM, SERVER APPARATUS, CONTENT OFFERING METHOD, AND CONTENT OFFERING PROGRAM**  
[54] **APPAREIL D’AFFICHAGE DE CONTENU, PROCEDE D’AFFICHAGE DE CONTENU, PROGRAMME D’AFFICHAGE DE CONTENU, SUPPORT D’ENREGISTREMENT, APPAREIL DE SERVEUR, PROCEDE D’OFFRE DE CONTENU, ET PROGRAMME D’OFFRE DE CONTENU**  
[72] TAKAMI, SHINYA, JP  
[71] RAKUTEN, INC., JP  
[85] 2012-05-07  
[86] 2011-05-19 (PCT/JP2011/061568)  
[87] 2011-12-01 (WO2011/148858)  
[30] JP (2010-123560) 2010-05-28

[21] **2,780,224**  
[13] A1

[51] **Int.Cl. A61K 31/4184 (2006.01) A61K 31/423 (2006.01) A61K 31/428 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **USE OF BENZO-HETEROCYCLE DERIVATIVES FOR PREVENTING AND TREATING CANCER OR FOR INHIBITING CANCER METASTASIS**  
[54] **UTILISATION DE DERIVES DE BENZOHETEROCYCLE POUR PREVENIR OU TRAITER UN CANCER OU POUR INHIBER LA METASTASE CANCEREUSE**  
[72] HAN, GYOON HEE, KR  
[72] KIM, DAE GYU, KR  
[72] LEE, JIN YOUNG, KR  
[72] YANG, JEE SUN, KR  
[72] LEE, CHUL HO, KR  
[72] CHOI, JIN WOO, KR  
[72] KIM, SUNGHOON, KR  
[71] SNU R&DB FOUNDATION, KR  
[85] 2012-05-07  
[86] 2010-11-05 (PCT/KR2010/007806)  
[87] 2011-05-12 (WO2011/056021)  
[30] KR (10-2009-0106350) 2009-11-05

[21] **2,780,225**  
[13] A1

[51] **Int.Cl. A61K 36/886 (2006.01) A23L 1/30 (2006.01) A61K 8/97 (2006.01) A61P 37/08 (2006.01)**  
[25] EN  
[54] **ALOE VERA SPROUT CONCENTRATE OR EXTRACT HAVING SUPERIOR SKIN CELL PROMOTION, ANTIOXIDANT, AND ANTI-ALLERGY EFFECTS**  
[54] **CONCENTRE OU EXTRAIT DE POUSSE D’ALOE OFFICIAL FAVORISANT FORTEMENT LA CROISSANCE DES CELLULES CUTANEEES ET PRESENTANT DES EFFETS ANTI-ALLERGIQUES ET ANTIOXYDANTS SUPERIEURS**  
[72] JONES, KEN, US  
[72] NAM, JEONG BUM, KR  
[72] KIM, SOO GYEOM, US  
[72] JANG, HYE IN, KR  
[72] DO, SEON GIL, KR  
[72] SHIN, EUN JU, KR  
[72] IM, JIN HEE, KR  
[72] YANG, SEUNG WON, KR  
[72] KIM, JIN WAN, KR  
[72] JO, TAE HYUNG, KR  
[72] AHN, GHE WHAN, KR  
[71] HILLTOP GARDENS INC., US  
[85] 2012-05-07  
[86] 2010-11-16 (PCT/KR2010/008086)  
[87] 2011-05-19 (WO2011/059292)  
[30] KR (10-2009-0110554) 2009-11-16

[21] **2,780,228**  
[13] A1

[51] **Int.Cl. E04F 15/022 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS TO COMPOSITE STAVE FLOORING, PRODUCTION METHOD THEREOF, AND CORRECTIVE MAINTENANCE OF SAME**  
[54] **AMELIORATIONS APORTEES A DES PLANCHERS LATTES COMPOSITES, PROCEDE DE PRODUCTION ET ENTRETIEN CORRECTIF**  
[72] ORTEGA PEREZ, ROBERTO, MX  
[71] ORTEGA PEREZ, ROBERTO, MX  
[85] 2012-05-07  
[86] 2011-05-25 (PCT/MX2011/000063)  
[87] 2011-12-01 (WO2011/149322)  
[30] MX (MX/a/2010/005899) 2010-05-28  
[30] MX (MX/a/2011/005499) 2011-05-25

[21] **2,780,229**  
[13] A1

[51] **Int.Cl. B65D 5/36 (2006.01) B65D 5/48 (2006.01)**  
[25] EN  
[54] **PARTITIONED CONTAINER AND METHOD OF MAKING SAME**  
[54] **CONTENANT COMPARTIMENTE ET PROCEDE DE REALISATION DE CELUI-CI**  
[72] YOUNGER, SCOTT D., US  
[72] HEISE, JOHN V., US  
[72] TRESCH, ALLEN R., US  
[71] ALLIANCE PACKAGING, LLC, US  
[85] 2012-05-07  
[86] 2009-03-20 (PCT/US2009/037837)  
[87] 2010-06-24 (WO2010/071688)  
[30] US (12/335,345) 2008-12-15

[21] **2,780,230**  
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR HOMEOSTATICALLY TREATING ORGAN DISEASE USING LOCAL DELIVERY OF THERAPEUTIC AGENTS**  
[54] **SYSTEMES ET METHODES DE TRAITEMENT HOMEOSTATIQUE DE MALADIE DES ORGANES PAR ADMINISTRATION LOCALE D’AGENTS THERAPEUTIQUES**  
[72] KANDARPA, KRISHNA, US  
[71] DELCATH SYSTEMS, INC., US  
[85] 2012-05-07  
[86] 2009-11-09 (PCT/US2009/063744)  
[87] 2011-05-12 (WO2011/056181)

## PCT Applications Entering the National Phase

[21] **2,780,231**  
[13] A1

[51] **Int.Cl. G06F 9/50 (2006.01)**  
[25] EN  
[54] **GOAL ORIENTED PERFORMANCE MANAGEMENT OF WORKLOAD UTILIZING ACCELERATORS**  
[54] **GESTION DE PERFORMANCE ORIENTEE OBJECTIF DE CHARGE DE TRAVAIL UTILISANT DES ACCELERATEURS**  
[72] YOCOM, PETER, US  
[72] DILLENBERGER, DONNA N., US  
[72] THOENNES, MATHEW, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2012-05-07  
[86] 2010-12-14 (PCT/EP2010/069559)  
[87] 2011-06-30 (WO2011/076608)  
[30] US (12/647,272) 2009-12-24

[21] **2,780,233**  
[13] A1

[51] **Int.Cl. A01H 5/12 (2006.01)**  
[25] EN  
[54] **LETTUCE THAT IS RESISTANT TO THE LETTUCE APHID NASONOVIA RIBISNIGRI BIOTYPE 1**  
[54] **LAITUE RESISTANT A NASONOVIA RIBISNIGRI BIOTYPE 1, LE PUCERON DE LA LAITUE**  
[72] VAN HERWIJNEN, ZEGER OTTO, NL  
[72] TEEKENS, KORSTIAAN CORNELIS, NL  
[72] THABUIS, ARNAUD PAUL PIERRE, FR  
[71] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V., NL  
[85] 2012-05-07  
[86] 2010-11-16 (PCT/EP2010/067588)  
[87] 2011-05-19 (WO2011/058192)  
[30] EP (09 176 046.2) 2009-11-16

[21] **2,780,235**  
[13] A1

[51] **Int.Cl. G11B 5/584 (2006.01)**  
[25] EN  
[54] **SYNCHRONIZATION OF SYMMETRIC TIMING BASED SERVO BURSTS**  
[54] **SYNCHRONISATION DE RAFALES D'ASSERVISSEMENT CADENCEES SYMETRIQUES**  
[72] HUTCHINS, ROBERT A., US  
[72] LANTZ, MARK A., CH  
[72] JELITTO, JENS, CH  
[72] CHERUBINI, GIOVANNI, CH  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2012-05-07  
[86] 2011-01-19 (PCT/EP2011/050674)  
[87] 2011-09-01 (WO2011/104050)  
[30] US (12/712,039) 2010-02-24

[21] **2,780,232**  
[13] A1

[51] **Int.Cl. C08G 77/14 (2006.01) A61K 8/892 (2006.01) C08G 77/388 (2006.01) C08G 77/46 (2006.01) C08J 3/03 (2006.01) C08L 83/08 (2006.01) C08L 83/12 (2006.01)**  
[25] EN  
[54] **HYDROPHILIC/LIPOPILIC MODIFIED POLYSILOXANES AS EMULSIFIERS**  
[54] **POLYSILOXANES MODIFIES HYDROPHILES/LIPOPHILES COMME EMULSIFIANTS**  
[72] NIENSTEDT, SABINE, DE  
[72] SCHNERING, ALBERT, DE  
[72] SIMON, WALTER, DE  
[72] KROPFGAN, MARTIN, DE  
[72] WAGNER, ROLAND, DE  
[72] SOCKEL, KARL-HEINZ, DE  
[72] STREICHER, KATHARINA, DE  
[71] MOMENTIVE PERFORMANCE MATERIALS GMBH, DE  
[85] 2012-05-07  
[86] 2010-11-24 (PCT/EP2010/068131)  
[87] 2011-06-03 (WO2011/064255)  
[30] DE (102009047077.8) 2009-11-24  
[30] EP (10161056.6) 2010-04-26

[21] **2,780,234**  
[13] A1

[51] **Int.Cl. A61K 8/60 (2006.01) A61K 8/04 (2006.01) A61K 8/34 (2006.01) A61K 8/73 (2006.01) A61K 9/10 (2006.01) A61K 31/728 (2006.01) A61K 31/738 (2006.01) A61K 47/10 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01)**  
[25] EN  
[54] **POLYSACCHARIDE GEL FORMULATION HAVING MULTI-STAGE BIOACTIVE AGENT DELIVERY**  
[54] **COMPOSITION A BASE D'UN GEL POLYSACCHARIDIQUE PERMETTANT UNE ADMINISTRATION EN PLUSIEURS ETAPES D'UN AGENT BIOLOGIQUEMENT ACTIF**  
[72] STROUMPOULIS, DIMITRIOS, US  
[72] MUDD, CHRISTOPHER S., US  
[72] LESLIE, DUSTIN B., US  
[72] TEZEL, AHMET, US  
[71] ALLERGAN, INC., US  
[85] 2012-05-07  
[86] 2010-11-08 (PCT/US2010/055801)  
[87] 2011-05-19 (WO2011/059909)  
[30] US (12/616,020) 2009-11-10

[21] **2,780,236**  
[13] A1

[51] **Int.Cl. E21B 4/18 (2006.01)**  
[25] EN  
[54] **DOWNHOLE TRACTOR**  
[54] **TRACTEUR DE FOND DE TROU**  
[72] EDDISON, ALAN MARTYN, GB  
[72] STUART, DEREK JAMES, GB  
[72] COULL, DAVID ANDERSON, GB  
[71] NATIONAL OILWELL VARCO, LP, US  
[85] 2012-05-07  
[86] 2010-11-10 (PCT/GB2010/002066)  
[87] 2011-05-19 (WO2011/058307)  
[30] GB (0919649.4) 2009-11-10

[21] **2,780,237**  
[13] A1

[51] **Int.Cl. A23L 1/22 (2006.01) A23L 1/00 (2006.01) A24F 47/00 (2006.01) A61M 15/00 (2006.01)**  
[25] EN  
[54] **HYDROSOL BASED FLAVOR DELIVERY DEVICE**  
[54] **DISPOSITIF D'ADMINISTRATION D'UN PARFUM A BASE D'HYDROSOL**  
[72] RASOULI, FIROOZ, US  
[72] REGRUT, JON, US  
[72] ZHANG, WEI-JUN, US  
[72] PFLUEGER, JAMES, US  
[71] PHILIP MORRIS PRODUCTS S.A., CH  
[85] 2012-05-07  
[86] 2010-11-10 (PCT/IB2010/002993)  
[87] 2011-05-19 (WO2011/058435)  
[30] US (61/259,862) 2009-11-10

## Demandes PCT entrant en phase nationale

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[21] **2,780,238**  
[13] A1  
[51] **Int.Cl. A61L 15/42 (2006.01) A61L 15/60 (2006.01)**  
[25] EN  
[54] **A COMPONENT FOR A WOUND DRESSING**  
[54] **COMPOSANT POUR PANSEMENT DES PLAIES**  
[72] SHAW, HELEN, GB  
[72] PRITCHARD, DAVID, GB  
[72] BISHOP, STEPHEN M., GB  
[72] LEE, BRYONY JANE, GB  
[71] CONVATEC TECHNOLOGIES INC., US  
[85] 2012-05-07  
[86] 2010-11-10 (PCT/GB2010/002071)  
[87] 2011-05-19 (WO2011/058311)  
[30] GB (0919659.3) 2009-11-10

---

[21] **2,780,239**  
[13] A1  
[51] **Int.Cl. G07F 17/32 (2006.01)**  
[25] EN  
[54] **ELECTRONIC GAMING DEVICE WITH A LIGHT-EFFECT ARRANGEMENT**  
[54] **DISPOSITIF DE JEU ELECTRONIQUE AVEC DISPOSITION A EFFETS LUMINEUX**  
[72] WOELS, MARTIN, AT  
[72] FRIDRICH, HEINZ, AT  
[71] NOVOMATIC AG, AT  
[85] 2012-05-07  
[86] 2010-11-11 (PCT/IB2010/003105)  
[87] 2011-05-19 (WO2011/058442)  
[30] AT (A 1801/2009) 2009-11-13

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[21] **2,780,240**  
[13] A1  
[51] **Int.Cl. C01B 17/74 (2006.01) B01D 53/14 (2006.01) B01D 53/56 (2006.01) B01D 53/86 (2006.01)**  
[25] EN  
[54] **PROCESS FOR REMOVING CONTAMINANTS FROM GAS STREAMS**  
[54] **PROCEDE D'ELIMINATION DE CONTAMINANTS DANS DES COURANTS GAZEUX**  
[72] SUCHAK, NARESH, US  
[71] LINDE AKTIENGESELLSCHAFT, DE  
[85] 2012-05-07  
[86] 2010-11-10 (PCT/US2010/056164)  
[87] 2011-05-19 (WO2011/060025)  
[30] US (12/617,356) 2009-11-12

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[21] **2,780,241**  
[13] A1  
[51] **Int.Cl. A24D 3/02 (2006.01) A24D 3/04 (2006.01)**  
[25] EN  
[54] **TOBACCO SMOKE FILTER**  
[54] **FILTRE DE FUMEE DE TABAC**  
[72] REED, JAMES D., US  
[72] LONGLEY-MARTINES, STEPHEN, US  
[72] TREADAWAY, ANN R., US  
[71] FILTRONA FILTER PRODUCTS DEVELOPMENT CO. PTE, LTD, SG  
[85] 2012-05-07  
[86] 2010-11-11 (PCT/GB2010/002084)  
[87] 2011-05-19 (WO2011/058319)  
[30] US (61/260,509) 2009-11-12  
[30] GB (0920397.7) 2009-11-20

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[21] **2,780,242**  
[13] A1  
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 19/00 (2006.01)**  
[25] EN  
[54] **MULTIVALENT ANTIBODIES**  
[54] **ANTICORPS MULTIVALENTS**  
[72] HEYWOOD, SAM PHILIP, GB  
[72] LAWSON, ALASTAIR DAVID GRIFFITHS, GB  
[72] HUMPHREYS, DAVID PAUL, GB  
[71] UCB PHARMA, S.A., BE  
[85] 2012-05-07  
[86] 2010-11-17 (PCT/GB2010/002120)  
[87] 2011-05-26 (WO2011/061492)  
[30] GB (0920127.8) 2009-11-17

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[21] **2,780,243**  
[13] A1  
[51] **Int.Cl. A61K 51/06 (2006.01) A61K 51/08 (2006.01) A61P 3/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR INHIBITING CELLULAR ADHESION OR DIRECTING DIAGNOSTIC OR THERAPEUTIC AGENTS TO RGD BINDING SITES**  
[54] **COMPOSITIONS ET METHODES D'INHIBITION DE L'ADHESION CELLULAIRE OU DU CIBLAGE D'AGENTS DIAGNOSTIQUES OU THERAPEUTIQUES VERS DES SITES DE LIAISON DE RGD**  
[72] MACKEL, MICHAEL JOHN, US  
[72] PARK, JOHN, US  
[71] ALLEGRO PHARMACEUTICALS, INC., US  
[85] 2012-05-07  
[86] 2010-11-10 (PCT/US2010/056277)  
[87] 2011-05-19 (WO2011/060104)  
[30] US (61/259,748) 2009-11-10

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[21] **2,780,244**  
[13] A1  
[51] **Int.Cl. B05B 15/12 (2006.01) B01D 46/42 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR RECOVERY AND DRY TREATMENT OF OVERSPRAY IN A PAINTING BOOTH**  
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE RECUPERATION ET DE SECHAGE DU SURPLUS DE PULVERISATION DANS UNE CABINE DE PEINTURE**  
[72] COVIZZI, GIAMPAOLO, IT  
[71] GEICO S.P.A., IT  
[85] 2012-05-07  
[86] 2010-11-04 (PCT/IB2010/054992)  
[87] 2011-06-09 (WO2011/067689)  
[30] IT (MI2009A002136) 2009-12-02

## PCT Applications Entering the National Phase

[21] **2,780,245**  
[13] A1

[51] **Int.Cl. B44B 3/00 (2006.01) B44C 1/22 (2006.01)**  
[25] EN  
[54] **DUAL-SIDE ENGRAVING SYSTEM**  
[54] **SYSTEME DE GRAVURE DOUBLE FACE**  
[72] HUSS, JAMES FRANCIS, US  
[72] SOLACE, BRYAN KEITH, US  
[71] THE HILLMAN GROUP INC., US  
[85] 2012-05-07  
[86] 2010-10-07 (PCT/US2010/051841)  
[87] 2011-05-12 (WO2011/056345)  
[30] US (12/614,899) 2009-11-09

[21] **2,780,246**  
[13] A1

[51] **Int.Cl. G06F 15/17 (2006.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **IMPLEMENTING CUSTOMIZED CONTROL INTERFACES**  
[54] **MISE EN OEUVRE D'INTERFACES DE COMMANDE PERSONNALISEES**  
[72] KOH, JUSTIN, US  
[72] WAKERLY, MICHAEL, US  
[72] DUREAU, VINCENT, US  
[71] GOOGLE INC., US  
[85] 2012-05-07  
[86] 2010-11-11 (PCT/US2010/056338)  
[87] 2011-05-19 (WO2011/060134)  
[30] US (12/616,516) 2009-11-11

[21] **2,780,247**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**  
[25] FR  
[54] **INDUCTION DE L'APOMIXIE CHEZ LES PLANTES CULTIVEES A REPRODUCTION SEXUEE ET UTILISATION POUR LA PRODUCTION DE PLANTES TOTALEMENT OU PARTIELLEMENT APOMICTIQUES**  
[54] **INDUCTION OF APOMIXIS IN SEXUALLY REPRODUCING CULTIVATED PLANTS AND USE FOR PRODUCING TOTALLY OR PARTIALLY APOMICTIC PLANTS**  
[72] GARCIA AGUILAR, MARCELINA, FR  
[72] LEBLANC, OLIVIER, FR  
[72] GRIMANELLI, DANIEL, FR  
[71] INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT (IRD), FR  
[85] 2012-05-07  
[86] 2010-11-09 (PCT/IB2010/055084)  
[87] 2011-05-12 (WO2011/055352)  
[30] FR (09/05375) 2009-11-09

[21] **2,780,248**  
[13] A1

[51] **Int.Cl. E21B 31/03 (2006.01)**  
[25] EN  
[54] **TUBULAR RETRIEVAL**  
[54] **RECUPERATION DE MATERIEL TUBULAIRE**  
[72] EDDISON, ALAN MARTYN, GB  
[71] NATIONAL OILWELL VARCO LLP, US  
[85] 2012-05-07  
[86] 2010-11-19 (PCT/GB2010/002140)  
[87] 2011-05-26 (WO2011/061506)  
[30] GB (0920346.4) 2009-11-20

[21] **2,780,250**  
[13] A1

[51] **Int.Cl. B01D 39/00 (2006.01) C04B 37/00 (2006.01) C04B 38/00 (2006.01) F01N 3/00 (2006.01)**  
[25] EN  
[54] **IMPROVED CEMENT TO MAKE THERMAL SHOCK RESISTANT CERAMIC HONEYCOMB STRUCTURES AND METHOD TO MAKE THEM**  
[54] **CIMENT AMELIORE POUR FABRIQUER DES STRUCTURES CERAMIQUES EN NID D'ABEILLE RESISTANTES AUX CHOCS THERMIQUES ET LEUR PROCEDE DE FABRICATION**  
[72] PYZIK, ALEKSANDER J., US  
[72] PRUNIER, ARTHUR R., JR., US  
[72] GOSS, JANET M., US  
[72] YANG, KWANHO, US  
[72] SHINKEL, NICHOLAS M., US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2012-05-07  
[86] 2010-10-27 (PCT/US2010/054184)  
[87] 2011-05-19 (WO2011/059699)  
[30] US (61/260,043) 2009-11-11

[21] **2,780,256**  
[13] A1

[51] **Int.Cl. A61K 31/27 (2006.01) A61K 9/00 (2006.01) A61P 43/00 (2006.01)**  
[25] EN  
[54] **USE OF BETHANECHOL FOR TREATMENT OF XEROSTOMIA**  
[54] **UTILISATION DE BETHANECOL POUR LE TRAITEMENT DE LA XEROSTOMIE**  
[72] COOPER, NICOLA, GB  
[72] GILBERT, JULIAN CLIVE, GB  
[72] WYLLIE, MICHAEL GRANT, GB  
[72] GRISTWOOD, ROBERT WILLIAM, GB  
[71] ACACIA PHARMA LIMITED, GB  
[85] 2012-05-07  
[86] 2010-11-11 (PCT/GB2010/051887)  
[87] 2011-05-19 (WO2011/058366)  
[30] GB (0919822.7) 2009-11-12  
[30] GB (1004445.1) 2010-03-17

[21] **2,780,257**  
[13] A1

[51] **Int.Cl. A01K 27/00 (2006.01)**  
[25] EN  
[54] **LEASH FOR DOGS OR OTHER DOMESTIC ANIMALS**  
[54] **LAISSE POUR CHIENS OU AUTRES ANIMAUX DOMESTIQUES**  
[72] CATENA, ROCCO, IT  
[71] PRIMENOVE S.R.L., IT  
[85] 2012-05-07  
[86] 2010-08-06 (PCT/IT2010/000360)  
[87] 2011-05-19 (WO2011/058588)  
[30] IT (CH2009A000028) 2009-11-12

[21] **2,780,258**  
[13] A1

[51] **Int.Cl. H04W 40/34 (2009.01) H04J 99/00 (2009.01) H04W 16/28 (2009.01) H04W 84/18 (2009.01) H04B 7/10 (2006.01)**  
[25] EN  
[54] **PACKET COMMUNICATION SYSTEM, COMMUNICATION METHOD AND PROGRAM**  
[54] **SYSTEME DE COMMUNICATION DE PAQUET, PROCEDE DE COMMUNICATION ET PROGRAMME**  
[72] OKAZA-KI, ATSUYA, JP  
[72] NEGISHI, YASUSHI, JP  
[72] KATAYAMA, YASUNAO, JP  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2012-05-07  
[86] 2010-11-05 (PCT/JP2010/069696)  
[87] 2011-06-03 (WO2011/065202)  
[30] JP (2009-271997) 2009-11-30

## Demandes PCT entrant en phase nationale

[21] **2,780,260**  
[13] A1

[51] **Int.Cl. F04C 13/00 (2006.01) F04C 2/107 (2006.01)**  
[25] EN  
[54] **STATOR INSERTS, METHODS OF FABRICATING THE SAME, AND DOWNHOLE MOTORS INCORPORATING THE SAME**  
[54] **INSERTS DE STATOR, LEURS PROCEDES DE FABRICATION ET MOTEURS DE FOND DE TROU LES COMPRENANT**  
[72] RAMIER, JULIEN, GB  
[72] CAMUEL, TONY, FR  
[72] AKBARI, HOSSEIN, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2012-05-07  
[86] 2010-09-30 (PCT/GB2010/001832)  
[87] 2011-05-19 (WO2011/058296)  
[30] US (12/617,866) 2009-11-13

[21] **2,780,261**  
[13] A1

[51] **Int.Cl. A01G 9/02 (2006.01) A01G 27/06 (2006.01)**  
[25] EN  
[54] **PLANT CULTIVATION CONTAINER**  
[54] **CONTENEUR DE PLANTATION**  
[72] HASHIMOTO, MASAKI, JP  
[71] SUNTORY HOLDINGS LIMITED, JP  
[85] 2012-05-07  
[86] 2010-11-08 (PCT/JP2010/069846)  
[87] 2011-05-19 (WO2011/058951)  
[30] JP (2009-257066) 2009-11-10

[21] **2,780,262**  
[13] A1

[51] **Int.Cl. B08B 6/00 (2006.01) B60S 1/02 (2006.01)**  
[25] EN  
[54] **VEHICLE WITH PARTICULATE RESISTANT WINDSHIELD**  
[54] **VEHICULE POURVU D'UN PARE-BRISE RESISTANT AUX PARTICULES**  
[72] STRAND, DAVID G., US  
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US  
[85] 2012-05-07  
[86] 2009-11-24 (PCT/US2009/065719)  
[87] 2011-06-03 (WO2011/065937)

[21] **2,780,263**  
[13] A1

[51] **Int.Cl. H01L 27/12 (2006.01)**  
[25] EN  
[54] **SILICON-ON-INSULATOR (SOI) STRUCTURE CONFIGURED FOR REDUCED HARMONICS, DESIGN STRUCTURE AND METHOD**  
[54] **STRUCTURE DE SILICIUM SUR ISOLANT (SOI) CONCUE POUR DES HARMONIQUES REDUITES, STRUCTURE ET PROCEDE DE CONCEPTION**  
[72] JOSEPH, ALVIN J., US  
[72] ELLIS-MONAGHAN, JOHN J., US  
[72] BOTULA, ALAN B., US  
[72] LEVY, MAX G., US  
[72] PHELPS, RICHARD A., US  
[72] SLINKMAN, JAMES A., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2012-05-07  
[86] 2010-09-30 (PCT/US2010/050805)  
[87] 2011-06-03 (WO2011/066035)  
[30] US (12/627,343) 2009-11-30  
[30] US (12/634,893) 2009-12-10

[21] **2,780,264**  
[13] A1

[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/00 (2006.01) A61K 8/86 (2006.01) A61Q 11/00 (2006.01)**  
[25] EN  
[54] **DISSOLVABLE FILMS CONTAINING HIGH CONCENTRATIONS OF NONIONIC SURFACTANTS SUCH AS POLYSORBATES TO ENHANCE HIGH SOLID LOADINGS**  
[54] **FILMS SOLUBLES CONTENANT DES CONCENTRATIONS ELEVEES DE TENSIOACTIFS NON IONIQUES TELS QUE DES POLYSORBATES POUR ACCROITRE LES CHARGES EN MATIERES SOLIDES ELEVEES**  
[72] JABBAL, RAJAN, US  
[72] MARTINETTI, MELISSA, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2012-05-07  
[86] 2009-12-04 (PCT/US2009/066727)  
[87] 2011-06-09 (WO2011/068513)

[21] **2,780,265**  
[13] A1

[51] **Int.Cl. A61K 8/60 (2006.01) A61K 8/66 (2006.01) A61Q 11/00 (2006.01)**  
[25] EN  
[54] **NON-AQUEOUS, SINGLE TUBE DENTRIFICE WHITENING COMPOSITIONS, METHODS OF USE AND MANUFACTURE THEREOF**  
[54] **COMPOSITIONS BLANCHISSANTES NON AQUEUSES DE DENTIFRICE, EN TUBE UNIQUE, PROCEDES D'UTILISATION ET DE FABRICATION DE CELLES-CI**  
[72] LEIGH, LEONORA, US  
[72] IBRAHIM, SAYED, US  
[72] ZAIDEL, LYNETTE, US  
[72] CHOPRA, SUMAN K., US  
[72] PRENCIPE, MICHAEL, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2012-05-07  
[86] 2009-12-04 (PCT/US2009/066737)  
[87] 2011-06-09 (WO2011/068514)

[21] **2,780,266**  
[13] A1

[51] **Int.Cl. B21D 28/12 (2006.01) B21D 28/34 (2006.01) B21D 45/00 (2006.01)**  
[25] EN  
[54] **MULTIPLE PUNCH AND DIE ASSEMBLY**  
[54] **ENSEMBLE A MULTIPLES POINCONS ET MATRICE**  
[72] LYS DAHL, PHIL, US  
[72] WINDINGSTAD, RON, US  
[72] VILLENEUVE, LARRY, US  
[72] THIELGES, BRUCE, US  
[71] MATE PRECISION TOOLING, INC., US  
[85] 2012-05-07  
[86] 2010-03-19 (PCT/US2010/028041)  
[87] 2011-05-19 (WO2011/059516)  
[30] US (12/615,956) 2009-11-10

## PCT Applications Entering the National Phase

[21] **2,780,267**  
[13] A1

[51] **Int.Cl. A61K 31/5575 (2006.01) A61P 17/08 (2006.01) A61P 17/14 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR STIMULATING HAIR GROWTH**  
[54] **COMPOSITIONS ET PROCÉDES POUR STIMULER LA POUSSE DES CHEVEUX**  
[72] SALAMEH, ADNAN, US  
[72] TROGDEN, JOHN T., US  
[72] PUJARA, CHETAN P., US  
[71] ALLERGAN, INC., US  
[85] 2012-05-07  
[86] 2010-11-05 (PCT/US2010/055712)  
[87] 2011-05-12 (WO2011/057129)  
[30] US (61/259,368) 2009-11-09

[21] **2,780,269**  
[13] A1

[51] **Int.Cl. H01L 21/306 (2006.01)**  
[25] EN  
[54] **PROTECTION AND SURFACE MODIFICATION OF CARBON NANOSTRUCTURES**  
[54] **PROTECTION ET MODIFICATION DE SURFACE DE NANOSTRUCTURES DE CARBONE**  
[72] LI, CHUNHONG, US  
[72] MAN, PIU FRANCIS, US  
[72] RUGGIERI, DAVID J., US  
[71] NANOSELECT, INC., US  
[85] 2012-05-07  
[86] 2010-11-11 (PCT/US2010/056350)  
[87] 2011-05-19 (WO2011/060143)  
[30] US (61/260,191) 2009-11-11  
[30] US (61/365,480) 2010-07-19

[21] **2,780,273**  
[13] A1

[51] **Int.Cl. B62B 11/00 (2006.01)**  
[25] EN  
[54] **WHEELCHAIR**  
[54] **FAUTEUIL ROULANT**  
[72] BEKOSCKE, ROBERT, US  
[72] MOHAN, TRAIAN, US  
[72] WATSON, DANIEL, US  
[72] YEE, DANIEL JAMES, US  
[72] JURKIEWICZ, DAMON, US  
[72] GREINER, JOSHUA, US  
[71] INVACARE CORPORATION, US  
[85] 2012-05-07  
[86] 2010-11-15 (PCT/US2010/056663)  
[87] 2011-05-19 (WO2011/060345)  
[30] US (61/261,359) 2009-11-15  
[30] US (61/314,314) 2010-03-16

[21] **2,780,268**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/4025 (2006.01) A61K 47/10 (2006.01) A61K 47/26 (2006.01) A61P 27/06 (2006.01)**  
[25] EN  
[54] **OPHTHALMIC FORMULATIONS CONTAINING SUBSTITUTED GAMMA LACTAMS AND METHODS FOR USE THEREOF**  
[54] **FORMULATIONS OPHTALMIQUES CONTENANT DES GAMMA-LACTAMES SUBSTITUES ET PROCÉDES POUR UTILISATION DE CELLES-CI**  
[72] LEE, MU-LAN, US  
[72] GORE, ANURADHA V., US  
[72] GRAHAM, RICHARD S., US  
[72] PARASHAR, AJAY P., US  
[72] PUJARA, CHETAN P., US  
[72] JORDAN, ROBERT S., US  
[71] ALLERGAN, INC., US  
[85] 2012-05-07  
[86] 2010-11-05 (PCT/US2010/055685)  
[87] 2011-05-12 (WO2011/057108)  
[30] US (61/258,308) 2009-11-05

[21] **2,780,270**  
[13] A1

[51] **Int.Cl. F02C 3/14 (2006.01) F01D 9/02 (2006.01) F02C 6/18 (2006.01) F02C 7/22 (2006.01)**  
[25] EN  
[54] **MICRO-TURBINE COMBUSTOR**  
[54] **CHAMBRE DE COMBUSTION DE MICRO-TURBINE**  
[72] GORDON, RICHARD W. (DECEASED), US  
[71] JETHEAT INC., US  
[85] 2012-05-07  
[86] 2010-11-04 (PCT/US2010/055385)  
[87] 2011-05-12 (WO2011/056928)  
[30] US (12/614,035) 2009-11-06

[21] **2,780,274**  
[13] A1

[51] **Int.Cl. C08J 3/075 (2006.01) A61K 31/717 (2006.01) A61K 31/722 (2006.01) A61L 15/28 (2006.01) A61L 24/08 (2006.01) A61L 27/20 (2006.01) A61L 27/34 (2006.01) A61L 27/52 (2006.01) A61L 31/10 (2006.01) A61P 17/02 (2006.01) A61P 41/00 (2006.01) C08J 3/24 (2006.01) C08K 5/07 (2006.01) C08L 1/28 (2006.01) C08L 5/08 (2006.01) C08L 71/02 (2006.01)**  
[25] EN  
[54] **FRAGMENTED HYDROGELS**  
[54] **HYDROGELS FRAGMENTES**  
[72] PAI, SURESH SUBRAYA, US  
[72] SERSHEN, SCOTT ROBERT, US  
[72] GONG, GLEN, US  
[71] SPOTLIGHT TECHNOLOGY PARTNERS LLC, US  
[85] 2012-05-07  
[86] 2010-11-05 (PCT/US2010/055716)  
[87] 2011-05-12 (WO2011/057133)  
[30] US (61/259,566) 2009-11-09

[21] **2,780,272**  
[13] A1

[51] **Int.Cl. C08L 75/04 (2006.01) C08L 53/00 (2006.01)**  
[25] EN  
[54] **POLYISOBUTYLENE-BASED POLYURETHANES, POLYUREAS AND/OR POLYURETHANE-POLYUREAS AND METHOD FOR MAKING SAME**  
[54] **POLYURETHANES, POLYUREES ET/OU POLYURETHANES-POLYUREES A BASE DE POLYISOBUTYLENE ET PROCÉDE DE FABRICATION**  
[72] KANG, JUNGMEET, US  
[72] ERDODI, GABOR, US  
[72] KENNEDY, JOSEPH P., US  
[71] THE UNIVERSITY OF AKRON, US  
[85] 2012-05-07  
[86] 2010-11-11 (PCT/US2010/056371)  
[87] 2011-05-19 (WO2011/060161)  
[30] US (61/260,051) 2009-11-11  
[30] US (61/312,767) 2010-03-11

## Demandes PCT entrant en phase nationale

[21] **2,780,275**  
[13] A1

[51] **Int.Cl. A61N 1/00 (2006.01)**  
[25] EN  
[54] **ELECTRO-THERAPEUTIC STIMULATOR**  
[54] **STIMULATEUR ELECTRO-THERAPEUTIQUE**  
[72] THOMPSON, DENIS E., US  
[72] THOMAS, GARY EDWARD, US  
[72] SCHROEDER, FRANKLIN WILLIARD, US  
[72] DEMMA, DONALD ANTHONY, US  
[71] ARP MANUFACTURING LLC, US  
[85] 2012-05-07  
[86] 2010-10-05 (PCT/US2010/051519)  
[87] 2011-04-14 (WO2011/044159)  
[30] US (61/248,694) 2009-10-05  
[30] US (12/898,520) 2010-10-05

[21] **2,780,276**  
[13] A1

[51] **Int.Cl. H04B 7/00 (2006.01) G06F 3/01 (2006.01) G06F 3/048 (2006.01) G06F 15/16 (2006.01) G06K 19/06 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MOBILE INTERACTION**  
[54] **SYSTEME ET PROCEDE POUR INTERACTION MOBILE**  
[72] TRESCHL, MARK A., US  
[72] WOLFE, SEAN E., US  
[72] NICKERSON, RAND B., US  
[71] OPINIONLAB, INC., US  
[85] 2012-05-07  
[86] 2010-10-25 (PCT/US2010/053892)  
[87] 2011-05-12 (WO2011/056488)  
[30] US (12/613,199) 2009-11-05

[21] **2,780,277**  
[13] A1

[51] **Int.Cl. C09K 8/70 (2006.01) C04B 14/16 (2006.01) C04B 20/10 (2006.01) C09K 8/80 (2006.01)**  
[25] EN  
[54] **LIGHT-WEIGHT PROPPANT FROM HEAT-TREATED PUMICE**  
[54] **AGENT DE SOUTENEMENT DE POIDS LEGER ISSU D'UNE PIERRE PONCE TRAITEE THERMIQUEMENT**  
[72] QU, QI, US  
[72] MORILLO, ELIZABETH G., US  
[72] STEVENS, RICHARD F., JR., US  
[72] PISKLAK, THOMAS J., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2012-05-07  
[86] 2010-11-17 (PCT/US2010/057055)  
[87] 2011-05-26 (WO2011/063004)  
[30] US (12/619,828) 2009-11-17

[21] **2,780,279**  
[13] A1

[51] **Int.Cl. B29C 45/17 (2006.01)**  
[25] EN  
[54] **NOZZLE PRESSING DEVICE OF AN INJECTION MOLDING MACHINE**  
[54] **DISPOSITIF DE SERRAGE DE BUSE D'UNE MACHINE DE MOULAGE PAR INJECTION**  
[72] FRITZLAR, VOLKER, DE  
[72] ISSEL, DIRK, DE  
[72] MEYER, JORG, DE  
[72] FENSTERER, ANDREAS, DE  
[72] RABE, HANS, DE  
[72] FRANZ, STEFFEN, DE  
[71] ZHAFIR PLASTICS MACHINERY GMBH, DE  
[85] 2012-05-08  
[86] 2010-11-04 (PCT/EP2010/066822)  
[87] 2011-05-19 (WO2011/057943)  
[30] DE (10 2009 044 506.4) 2009-11-12

[21] **2,780,280**  
[13] A1

[51] **Int.Cl. F16L 55/28 (2006.01) F16L 55/40 (2006.01)**  
[25] EN  
[54] **IMPROVED INSTRUMENTED FOAM PIG**  
[54] **RACLEUR MOUSSE INSTRUMENTE AMELIORE**  
[72] WARD, PETER, GB  
[72] THOMPSON, DAVID, GB  
[72] HILL, RENNIE, GB  
[71] PIPELINE INNOVATIONS LIMITED, GB  
[85] 2012-05-08  
[86] 2010-11-30 (PCT/GB2010/051988)  
[87] 2011-06-03 (WO2011/064603)  
[30] GB (0920900.8) 2009-11-30

[21] **2,780,281**  
[13] A1

[51] **Int.Cl. B25J 5/04 (2006.01) B23Q 1/62 (2006.01) B25J 9/00 (2006.01) B25J 9/02 (2006.01) B25J 19/06 (2006.01)**  
[25] EN  
[54] **INDUSTRIAL ROBOT HAVING A PROTECTION DEVICE**  
[54] **ROBOT INDUSTRIEL MUNI D'UN DISPOSITIF DE PROTECTION**  
[72] FROELICH, THOMAS, CH  
[72] PERUCCA, DORIANO, CH  
[71] GUEDEL GROUP AG, CH  
[85] 2012-05-08  
[86] 2010-09-22 (PCT/CH2010/000229)  
[87] 2011-04-07 (WO2011/038518)  
[30] EP (09 405 173.7) 2009-10-01

[21] **2,780,282**  
[13] A1

[51] **Int.Cl. C07C 229/24 (2006.01) A61K 31/198 (2006.01) A61K 51/04 (2006.01) A61P 35/04 (2006.01) C07B 59/00 (2006.01) C07C 229/30 (2006.01) C07C 255/58 (2006.01) C07C 271/22 (2006.01)**  
[25] EN  
[54] **HOMOGLUTAMIC ACID DERIVATIVES**  
[54] **DERIVES DE L'ACIDE HOMOGLUTAMIQUE**  
[72] MULLER, ANDRE, DE  
[72] SCHMITT-WILLICH, HERIBERT, DE  
[72] KOGLIN, NORMAN, DE  
[72] BOHNKE, NIELS, DE  
[72] BERNDT, MATHIAS, DE  
[72] FRIEBE, MATTHIAS, DE  
[72] LEHMANN, LUTZ, DE  
[71] BAYER SCHERING PHARMA AG, DE  
[85] 2012-05-08  
[86] 2010-11-08 (PCT/EP2010/067011)  
[87] 2011-05-19 (WO2011/057986)  
[30] EP (09075500.0) 2009-11-11

[21] **2,780,283**  
[13] A1

[51] **Int.Cl. A61B 17/68 (2006.01)**  
[25] EN  
[54] **MEDICAL DEVICE, APPARATUS, AND SURGICAL METHOD**  
[54] **DISPOSITIF MEDICAL, APPAREIL ET METHODE CHIRURGICALE**  
[72] WENGER, ANDREAS, CH  
[72] MAYER, JORG, CH  
[71] SPINWELDING AG, CH  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/CH2010/000278)  
[87] 2011-05-12 (WO2011/054122)  
[30] US (61/259,383) 2009-11-09  
[30] US (61/388,243) 2010-09-30  
[30] US (61/394,580) 2010-10-19

[21] **2,780,284**  
[13] A1

[51] **Int.Cl. G06F 1/20 (2006.01)**  
[25] EN  
[54] **MODULAR DATA CENTER**  
[54] **CENTRE DE DONNEES MODULAIRE**  
[72] FELKER, MICHAEL, US  
[72] PIERSON, THOMAS L., US  
[72] GUILLOT, LOYD, US  
[71] TURBINE AIR SYSTEMS, LTD., US  
[85] 2012-05-07  
[86] 2010-11-18 (PCT/US2010/057151)  
[87] 2011-05-26 (WO2011/063073)  
[30] US (12/623,167) 2009-11-20

## PCT Applications Entering the National Phase

[21] **2,780,285**  
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/68 (2006.01) A61B 17/86 (2006.01) A61B 17/88 (2006.01)**  
[25] EN  
[54] **MEDICAL DEVICE, APPARATUS, AND SURGICAL METHOD**  
[54] **DISPOSITIF MEDICAL, APPAREIL, ET METHODE CHIRURGICALE**  
[72] MAYER, JORG, CH  
[72] WENGER, ANDREAS, CH  
[71] SPINWELDING AG, CH  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/CH2010/000280)  
[87] 2011-05-12 (WO2011/054124)  
[30] US (61/259,383) 2009-11-09  
[30] US (61/388,243) 2010-09-30  
[30] US (61/394,580) 2010-10-19

[21] **2,780,286**  
[13] A1

[51] **Int.Cl. A61L 29/06 (2006.01) A61L 29/16 (2006.01)**  
[25] EN  
[54] **USE OF POLYMERIC OR OLIGOMERIC ACTIVE INGREDIENTS FOR MEDICAL ARTICLES**  
[54] **UTILISATION D'AGENTS POLYMERIQUES OU OLIGOMERIQUES POUR DES ARTICLES MEDICAUX**  
[72] RIEMANN, THOMAS, DE  
[72] WEIß, ANDRE, DE  
[72] SIPPEL, MARTIN, DE  
[71] B. BRAUN MELSUNGEN AG, DE  
[85] 2012-05-08  
[86] 2010-11-12 (PCT/EP2010/067411)  
[87] 2011-05-19 (WO2011/058148)  
[30] DE (102009052721.4) 2009-11-12

[21] **2,780,287**  
[13] A1

[51] **Int.Cl. C07D 403/10 (2006.01) A61K 31/437 (2006.01) A61K 31/5513 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) C07D 401/10 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**  
[25] EN  
[54] **1,4-BENZODIAZEPINE-2,5-DIONES AND RELATED COMPOUNDS WITH THERAPEUTIC PROPERTIES**  
[54] **1,4-BENZODIAZEPINE-2,5-DIONES ET COMPOSES APPARENTES PRESENTANT DES PROPRIETES THERAPEUTIQUES**  
[72] GLICK, GARY D., US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2012-05-08  
[86] 2010-11-03 (PCT/US2010/055255)  
[87] 2011-05-26 (WO2011/062766)  
[30] US (61/262,017) 2009-11-17

[21] **2,780,288**  
[13] A1

[51] **Int.Cl. A61L 31/10 (2006.01) A61L 31/02 (2006.01) C09D 183/07 (2006.01)**  
[25] EN  
[54] **SURGICAL NEEDLE COATING AND METHODS**  
[54] **REVETEMENT POUR AIGUILLE CHIRURGICALE ET PROCEDES**  
[72] HINRICHS, ERIC, US  
[72] BAR, S. NEIL, US  
[72] HAMILTON, MICHAEL, US  
[72] MAURER, ROBERT, US  
[72] WILKES, THOMAS, US  
[71] ETHICON, INC., US  
[85] 2012-05-08  
[86] 2010-10-21 (PCT/US2010/053552)  
[87] 2011-05-12 (WO2011/056453)  
[30] US (12/614,665) 2009-11-09  
[30] US (12/614,669) 2009-11-09  
[30] US (12/858,481) 2010-08-18

[21] **2,780,290**  
[13] A1

[51] **Int.Cl. C07D 471/20 (2006.01) A61K 31/438 (2006.01) A61P 9/00 (2006.01) A61P 19/08 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01)**  
[25] EN  
[54] **MK2 INHIBITORS**  
[54] **INHIBITEURS DE MK2**  
[72] ZWART, EDUARD WILLEM, NL  
[72] HOOGENBOOM, NIELS, NL  
[72] DE WILDE, SANDER MARTIJN, NL  
[72] KAPTEIN, ALLARD, NL  
[72] BARF, TJEERD ANDRIES, NL  
[72] OUBRIE, ARTHUR, NL  
[72] SCHULTZ-FADEMRECHT, CARSTEN, NL  
[71] MSD OSS B.V., NL  
[85] 2012-05-08  
[86] 2010-12-13 (PCT/EP2010/069465)  
[87] 2011-06-23 (WO2011/073119)  
[30] EP (09179043.6) 2009-12-14  
[30] US (61/286,091) 2009-12-14

[21] **2,780,291**  
[13] A1

[51] **Int.Cl. C23C 18/06 (2006.01) C07F 1/00 (2006.01) C07F 9/50 (2006.01) C09D 11/00 (2006.01) C09D 11/10 (2006.01) C23C 18/08 (2006.01)**  
[25] EN  
[54] **METAL INK COMPOSITIONS, CONDUCTIVE PATTERNS, METHODS, AND DEVICES**  
[54] **COMPOSITIONS D'ENCRE METALLIQUES, MOTIFS CONDUCTEURS, PROCEDES, ET DISPOSITIFS**  
[72] POTASH, REBECCA, US  
[72] MCCULLOUGH, RICHARD D., US  
[72] BELOT, JOHN A., US  
[72] JAVIER, ANNA, US  
[71] CARNEGIE MELLON UNIVERSITY, US  
[85] 2012-05-08  
[86] 2010-11-08 (PCT/US2010/055874)  
[87] 2011-05-12 (WO2011/057218)  
[30] US (61/259,614) 2009-11-09

## Demandes PCT entrant en phase nationale

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[21] **2,780,292**  
[13] A1  
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/4045 (2006.01) A61K 47/38 (2006.01)**  
[25] EN  
[54] **NANOSUSPENSION OF A POORLY SOLUBLE DRUG MADE BY MICROFLUIDIZATION PROCESS**  
[54] **NANOSUSPENSION D'UN MEDICAMENT MEDIOCREMENT SOLUBLE PAR UN PROCEDE DE MICROFLUIDISATION**  
[72] HUI, HO-WAH, US  
[72] SURAPANENI, SEKHAR, US  
[72] CHEN, MING J., US  
[72] KURTULIK, PAUL, US  
[72] LEE, THOMAS, US  
[71] CELGENE CORPORATION, US  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/US2010/055897)  
[87] 2011-05-19 (WO2011/059931)  
[30] US (61/259,903) 2009-11-10

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[21] **2,780,294**  
[13] A1  
[51] **Int.Cl. C08J 3/075 (2006.01) A61K 47/36 (2006.01) A61L 15/28 (2006.01) A61L 24/08 (2006.01) A61L 27/20 (2006.01) A61L 27/52 (2006.01) A61L 31/10 (2006.01) C08J 3/24 (2006.01) C08K 5/07 (2006.01) C08L 1/28 (2006.01) C08L 5/08 (2006.01) C08L 71/02 (2006.01)**  
[25] EN  
[54] **POLYSACCHARIDE BASED HYDROGELS**  
[54] **HYDROGELS A BASE DE POLYSACCHARIDE**  
[72] PAI, SURESH SUBRAYA, US  
[72] GONG, GLEN, US  
[72] SERSHEN, SCOTT ROBERT, US  
[71] SPOTLIGHT TECHNOLOGY PARTNERS LLC, US  
[85] 2012-05-08  
[86] 2010-11-05 (PCT/US2010/055714)  
[87] 2011-05-12 (WO2011/057131)  
[30] US (61/259,564) 2009-11-09

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[21] **2,780,295**  
[13] A1  
[51] **Int.Cl. A61K 31/575 (2006.01) A61P 3/04 (2006.01) C07J 9/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATING OBESITY**  
[54] **COMPOSITIONS ET PROCEDES DESTINES A TRAITER L'OBESITE**  
[72] ZADINI, GIORGIO C., US  
[72] ZADINI, FILIBERTO P., US  
[71] ATHERONOVA OPERATIONS, INC., US  
[85] 2012-05-08  
[86] 2010-10-08 (PCT/US2010/052091)  
[87] 2011-04-14 (WO2011/044523)  
[30] US (61/278,632) 2009-10-09

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[21] **2,780,297**  
[13] A1  
[51] **Int.Cl. H04N 5/00 (2011.01) H04N 7/173 (2011.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR DISTRIBUTING USER GENERATED CONTENT**  
[54] **SYSTEMES ET PROCEDES POUR DISTRIBUER UN CONTENU GENERE PAR LES UTILISATEURS**  
[72] JACKSON, MARKUS WAYNE, US  
[72] NEWELL, NICHOLAS, US  
[71] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/US2010/055926)  
[87] 2011-05-12 (WO2011/057233)  
[30] US (12/615,028) 2009-11-09

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[21] **2,780,298**  
[13] A1  
[51] **Int.Cl. F41A 21/30 (2006.01)**  
[25] EN  
[54] **LOCKING DEVICE FOR MOVABLE MOMENTUM CONNECTION IN SUPPRESSORS FOR SEMIAUTOMATIC AND FULLY AUTOMATIC WEAPONS**  
[54] **DISPOSITIF DE VERROUILLAGE DE RACCORD A IMPULSION MOBILE DANS DES MODERATEURS DE SON POUR ARMES SEMI-AUTOMATIQUES ET ENTIEREMENT AUTOMATIQUES**  
[72] LANDOLT, ARMIN, CH  
[71] SPHINX SYSTEMS AG, CH  
[85] 2012-05-08  
[86] 2010-11-12 (PCT/CH2010/000284)  
[87] 2011-06-09 (WO2011/066661)  
[30] CH (1748/09) 2009-11-13

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[21] **2,780,300**  
[13] A1  
[51] **Int.Cl. H04W 80/10 (2009.01) H04W 76/02 (2009.01) H04L 12/56 (2006.01) H04L 12/66 (2006.01)**  
[25] EN  
[54] **MOBILE COMMUNICATION METHOD, SESSION CONTROL NODE, GATEWAY DEVICE, AND MOBILITY MANAGEMENT NODE**  
[54] **PROCEDE DE COMMUNICATION MOBILE, N~UD DE COMMANDE DE SESSION, APPAREIL DE PASSERELLE ET N~UD DE GESTION MOBILE**  
[72] KAWAKATSU, SHIMPEI, JP  
[72] NISHIDA, KATSUTOSHI, JP  
[71] NTT DOCOMO, INC., JP  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/JP2010/069914)  
[87] 2011-05-12 (WO2011/055840)  
[30] JP (2009-256585) 2009-11-09

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[21] **2,780,301**  
[13] A1  
[51] **Int.Cl. G01N 33/50 (2006.01)**  
[25] EN  
[54] **RISK FACTORS AND PREDICTION OF MYOCARDIAL INFARCTION**  
[54] **FACTEURS DE RISQUE ET PREVISION D'UN INFARCTUS DU MYOCARDE**  
[72] ADOURIAN, ARAM S., US  
[72] GUO, YU, US  
[72] LI, XIAOHONG, US  
[72] MUNTENDAM, PIETER, US  
[71] BG MEDICINE, INC., US  
[85] 2012-05-08  
[86] 2010-11-15 (PCT/US2010/056711)  
[87] 2011-05-19 (WO2011/060361)  
[30] US (61/261,155) 2009-11-13

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## PCT Applications Entering the National Phase

[21] **2,780,303**  
[13] A1

[51] **Int.Cl. A62D 3/36 (2007.01) B09B 3/00 (2006.01) C04B 41/67 (2006.01)**  
[25] EN  
[54] **TREATMENT AGENT FOR ASBESTOS AND TREATMENT METHOD OF ASBESTOS**  
[54] **AGENT DE TRAITEMENT DE L'AMIANTE, ET PROCEDE POUR TRAITER L'AMIANTE**  
[72] TAGUCHI, YOSHIHIRO, JP  
[72] KUSANO, TERUHIKO, JP  
[72] HARANO, KIMIYAKI, JP  
[71] SANTEC CORPORATION, JP  
[85] 2012-05-08  
[86] 2010-11-19 (PCT/JP2010/071187)  
[87] 2011-05-26 (WO2011/062295)  
[30] JP (2009-264329) 2009-11-19  
[30] JP (2010-233955) 2010-10-18

[21] **2,780,304**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61K 47/02 (2006.01) A61K 47/24 (2006.01) A61K 47/36 (2006.01)**  
[25] EN  
[54] **OPHTHALMIC EMULSION**  
[54] **EMULSION OPHTALMIQUE**  
[72] KETELSON, HOWARD ALLEN, US  
[72] MEADOWS, DAVID L., US  
[71] ALCON RESEARCH, LTD., US  
[85] 2012-05-08  
[86] 2010-12-02 (PCT/US2010/058703)  
[87] 2011-06-09 (WO2011/068955)  
[30] US (61/266,207) 2009-12-03

[21] **2,780,305**  
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/34 (2006.01) A61B 17/88 (2006.01) A61M 29/00 (2006.01) A61M 37/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR VERTEBRAL OR OTHER BONE STRUCTURE HEIGHT RESTORATION AND STABILIZATION**  
[54] **SYSTEMES ET PROCEDES POUR LA RESTAURATION ET LA STABILISATION EN HAUTEUR D'UNE STRUCTURE OSSEUSE VERTEBRALE OU AUTRE**  
[72] LINDERMAN, EVAN D., US  
[72] KRUEGER, JOHN A., US  
[71] CAREFUSION 207, INC., US  
[85] 2012-05-08  
[86] 2010-10-21 (PCT/US2010/053498)  
[87] 2011-05-19 (WO2011/059652)  
[30] US (12/615,573) 2009-11-10

[21] **2,780,306**  
[13] A1

[51] **Int.Cl. F02G 5/04 (2006.01) F01K 25/00 (2006.01) F01K 27/02 (2006.01)**  
[25] EN  
[54] **SYSTEMS FOR ENERGY RECOVERY AND RELATED METHODS**  
[54] **SYSTEMES DE RECUPERATION D'ENERGIE ET PROCEDES ASSOCIES**  
[72] BATES, LYLE, US  
[71] PARADIGM WATERWORKS, LLC, US  
[85] 2012-05-08  
[86] 2010-11-16 (PCT/US2010/056783)  
[87] 2011-05-19 (WO2011/060399)  
[30] US (61/261,720) 2009-11-16

[21] **2,780,308**  
[13] A1

[51] **Int.Cl. B60H 1/34 (2006.01) B60H 1/22 (2006.01)**  
[25] EN  
[54] **INTERIOR LINING**  
[54] **HABILLAGE D'ESPACE INTERIEUR**  
[72] HERMANN, VOLKER, DE  
[72] EWERT, MICHAEL, DE  
[71] NBHX TRIM GMBH, DE  
[85] 2012-05-07  
[86] 2010-11-10 (PCT/EP2010/067242)  
[87] 2011-05-19 (WO2011/058077)  
[30] DE (10 2009 052 535.1) 2009-11-11

[21] **2,780,309**  
[13] A1

[51] **Int.Cl. H04N 1/46 (2006.01) G06T 1/00 (2006.01) H04N 1/60 (2006.01)**  
[25] EN  
[54] **IMAGE INFORMATION PROCESSING METHOD, IMAGE INFORMATION PROCESSING APPARATUS, IMAGE PROCESSING APPARATUS, AND RECORDING MEDIUM**  
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS D'IMAGE, APPAREIL DE TRAITEMENT D'INFORMATIONS D'IMAGE, APPAREIL DE TRAITEMENT D'IMAGE ET SUPPORT D'ENREGISTREMENT**  
[72] HARA, TAKAYUKI, JP  
[71] RICOH COMPANY, LTD., JP  
[85] 2012-05-08  
[86] 2010-11-26 (PCT/JP2010/071627)  
[87] 2011-06-09 (WO2011/068179)  
[30] JP (2009-273507) 2009-12-01  
[30] JP (2010-059123) 2010-03-16

[21] **2,780,310**  
[13] A1

[51] **Int.Cl. A61M 16/06 (2006.01)**  
[25] EN  
[54] **PATIENT INTERFACE AND ASPECTS THEREOF**  
[54] **INTERFACE PATIENT ET SES ASPECTS**  
[72] SALMON, ANDREW PAUL  
MAXWELL, NZ  
[72] ALLAN, OLIVIA MARIE, NZ  
[72] HUANG, WEN DONG, NZ  
[72] SIEW, SILAS SAO JIN, NZ  
[72] MCLAREN, MARK, NZ  
[72] PRENTICE, CRAIG ROBERT, NZ  
[72] MACULEY, ALASTAIR EDWIN, NZ  
[72] GARDIOLA, ARVIN SAN JOSE, NZ  
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ  
[85] 2012-05-08  
[86] 2010-11-12 (PCT/NZ2010/000225)  
[87] 2011-05-19 (WO2011/059346)  
[30] US (61/260,590) 2009-11-12  
[30] IB (PCT/IB2010/052061) 2010-05-10  
[30] US (61/376,067) 2010-08-23

[21] **2,780,311**  
[13] A1

[51] **Int.Cl. C09K 8/42 (2006.01) C09K 8/50 (2006.01)**  
[25] EN  
[54] **WATER CONTROL ADDITIVE COMPOUNDS AND METHODS OF MAKING AND USING SAME**  
[54] **COMPOSES ADDITIFS DE CONTROLE DE L'EAU ET PROCEDE DE FABRICATION ET D'UTILISATION DE CEUX-CI**  
[72] CUTLER, JENNIFER, US  
[72] WANG, XIAOLAN, US  
[72] KALFAYAN, LEONARD, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2012-05-07  
[86] 2010-11-18 (PCT/US2010/057278)  
[87] 2011-05-26 (WO2011/063148)  
[30] US (12/621,665) 2009-11-19

## Demandes PCT entrant en phase nationale

[21] **2,780,312**  
[13] A1

[51] **Int.Cl. E21C 27/02 (2006.01)**  
[25] EN  
[54] **DRIVE TRANSMISSION METHOD IN A LONGWALL SHEARER LOADER**  
[54] **PROCEDE DE TRANSMISSION D'ENTRAINEMENT DANS UNE HAVEUSE-CHARGEUSE A LONGUE PAROI**  
[72] BEDNARZ, RYSZARD, PL  
[72] GWIAZDZINSKI, PAWEL, PL  
[72] GONSIOR, LUKASZ, PL  
[72] GOLABEK, MATEUSZ, PL  
[71] FAMUR SPOLKA AKCYJNA, PL  
[71] FAMUR INSTITUTE SP. Z.O.O., PL  
[85] 2012-05-08  
[86] 2010-11-02 (PCT/PL2010/000108)  
[87] 2011-05-19 (WO2011/059348)  
[30] PL (P389530) 2009-11-10

[21] **2,780,313**  
[13] A1

[51] **Int.Cl. E21C 27/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR MOUNTING A RANGING ARM ON A BODY OF A LONGWALL SHEARER LOADER**  
[54] **PROCEDE POUR MONTER UN BRAS D'ECARTEMENT SUR UN CORPS D'UNE HAVEUSE-CHARGEUSE A LONGUE PAROI**  
[72] BEDNARZ, RYSZARD, PL  
[72] GWIAZDZINSKI, PAWEL, PL  
[72] GONSIOR, LUKASZ, PL  
[72] OLSZANSKI, MAREK, PL  
[71] FAMUR SPOLKA AKCYJNA, PL  
[71] FAMUR INSTITUTE SP. Z.O.O., PL  
[85] 2012-05-08  
[86] 2010-11-02 (PCT/PL2010/000109)  
[87] 2011-05-19 (WO2011/059349)  
[30] PL (P389529) 2009-11-10

[21] **2,780,314**  
[13] A1

[51] **Int.Cl. C10L 5/00 (2006.01)**  
[25] EN  
[54] **PROCESS FOR DRYING COAL**  
[54] **PROCEDE DE SECHAGE DU CHARBON**  
[72] DUNLOP, DAVID D. (DECEASED), US  
[72] CAMPER, CLINTON B., US  
[72] SETHI, VIJAY, US  
[72] KENYON, LEON C., JR., US  
[71] RIVER BASIN ENERGY, INC., US  
[85] 2012-05-08  
[86] 2010-09-23 (PCT/US2010/049957)  
[87] 2011-03-31 (WO2011/038089)  
[30] US (12/566,174) 2009-09-24

[21] **2,780,315**  
[13] A1

[51] **Int.Cl. B60G 17/015 (2006.01) B60G 17/016 (2006.01) B60G 21/00 (2006.01) B62D 9/02 (2006.01) B62D 9/04 (2006.01) B62D 61/06 (2006.01) B62K 5/04 (2006.01) B62K 5/08 (2006.01)**  
[25] EN  
[54] **LEANING VEHICLE WITH TILTING FRONT WHEELS AND SUSPENSION THEREFOR**  
[54] **VEHICULE S'INCLINANT AVEC ROUES AVANT INCLINABLES ET SUSPENSION POUR CELUI-CI**  
[72] MERCIER, DANIEL, CA  
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA  
[85] 2012-05-08  
[86] 2009-11-16 (PCT/US2009/064568)  
[87] 2011-05-19 (WO2011/059456)

[21] **2,780,316**  
[13] A1

[51] **Int.Cl. B60W 10/04 (2006.01) B60K 31/00 (2006.01) B60W 10/10 (2012.01) B60W 40/06 (2012.01)**  
[25] EN  
[54] **AUTOMATIC DOWNHILL SPEED CONTROL SYSTEM**  
[54] **SYSTEME DE REGULATION AUTOMATIQUE DE LA VITESSE EN DESCENTE**  
[72] DORNBERGER, JAMES V., US  
[72] BELL, JASON D., US  
[72] GRAHAM, PAUL, GB  
[72] CHAPPELL, JONATHAN D., US  
[72] THOMPSON, STEPHEN, GB  
[72] ADAMS, RICHARD, GB  
[72] HARVEY, KEITH F., US  
[71] CATERPILLAR INC., US  
[85] 2012-05-08  
[86] 2010-10-07 (PCT/US2010/051723)  
[87] 2011-05-26 (WO2011/062697)  
[30] US (12/623,526) 2009-11-23

[21] **2,780,318**  
[13] A1

[51] **Int.Cl. G08B 13/24 (2006.01) G08B 29/04 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REDUCING CART ALARMS AND INCREASING SENSITIVITY IN AN EAS SYSTEM WITH METAL SHIELDING DETECTION**  
[54] **SYSTEME ET PROCEDE DE DIMINUTION DES ALARMES DE CHARIOTS ET D'AUGMENTATION DE LA SENSIBILITE DANS UN SYSTEME DE SURVEILLANCE ELECTRONIQUE D'ARTICLE AVEC DETECTION DE PROTECTION METALLIQUE**  
[72] BERGMAN, ADAM S., US  
[71] SENSORMATIC ELECTRONICS, LLC, US  
[85] 2012-05-08  
[86] 2010-10-05 (PCT/US2010/002681)  
[87] 2011-05-19 (WO2011/059469)  
[30] US (12/615,755) 2009-11-10

[21] **2,780,319**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01) C07K 16/28 (2006.01)**  
[25] EN  
[54] **A METHOD OF PROMOTING DENDRITIC SPINE DENSITY**  
[54] **PROCEDE FAVORISANT LA DENSITE D'EPINES DENDRITIQUES**  
[72] NIKOLAEV, ANATOLY, US  
[72] KALLOP, DARA Y., US  
[72] WEIMER, ROBBY, US  
[72] TESSIER-LAVIGNE, MARC, US  
[71] GENENTECH, INC., US  
[85] 2012-05-08  
[86] 2010-11-12 (PCT/US2010/056506)  
[87] 2011-05-19 (WO2011/060246)  
[30] US (61/260,815) 2009-11-12  
[30] US (61/294,020) 2010-01-11

## PCT Applications Entering the National Phase

[21] **2,780,320**  
[13] A1

[51] **Int.Cl. G01N 33/50 (2006.01)**  
[25] EN  
[54] **RATIONAL DESIGN OF REGENERATIVE MEDICINE PRODUCTS**  
[54] **CONCEPTION RATIONNELLE DE PRODUITS MEDICAUX REGENERATIFS**  
[72] BRUCE, ANDREW, US  
[72] JAYO, MANUEL J., US  
[72] BERTRAM, TIMOTHY A., US  
[72] ILAGAN, ROGER M., US  
[72] PRESNELL, SHARON C., US  
[72] KELLEY, RUSSELL W., US  
[72] RAPOPORT, H. SCOTT, ES  
[72] WAGNER, BELINDA J., US  
[72] SPENCER, TOM, US  
[71] TENGION, INC., US  
[85] 2012-05-08  
[86] 2010-11-12 (PCT/US2010/056588)  
[87] 2011-05-19 (WO2011/060298)  
[30] US (61/260,833) 2009-11-12

[21] **2,780,321**  
[13] A1

[51] **Int.Cl. E21B 7/04 (2006.01) E21B 47/02 (2006.01) E21B 47/022 (2012.01)**  
[25] EN  
[54] **LASER ALIGNMENT DEVICE FOR USE WITH A DRILL RIG**  
[54] **DISPOSITIF D'ALIGNEMENT A LASER DESTINE A ETRE UTILISE AVEC UNE PLATEFORME DE FORAGE**  
[72] O'REILLY, JORDAN, AU  
[71] O'REILLY, JORDAN, AU  
[85] 2012-05-09  
[86] 2009-11-11 (PCT/AU2009/001467)  
[87] 2011-05-19 (WO2011/057319)

[21] **2,780,322**  
[13] A1

[51] **Int.Cl. C22B 3/46 (2006.01) C01G 9/06 (2006.01) C22B 19/20 (2006.01)**  
[25] EN  
[54] **METHOD FOR THE REMOVAL OF CHLORIDE FROM ZINC SULPHATE SOLUTION**  
[54] **PROCEDE POUR ELIMINER DU CHLORURE D'UNE SOLUTION DE SULFATE DE ZINC**  
[72] RUONALA, MIKKO, FI  
[72] SVENS, KURT, FI  
[72] ARPALAHTI, ANTTI, FI  
[72] LEPISTO, KAROLIINA, FI  
[71] OUTOTEC OYJ, FI  
[85] 2012-05-08  
[86] 2010-11-22 (PCT/FI2010/050946)  
[87] 2011-05-26 (WO2011/061408)  
[30] FI (20090441) 2009-11-23

[21] **2,780,323**  
[13] A1

[51] **Int.Cl. G08B 13/00 (2006.01) G06K 7/10 (2006.01)**  
[25] EN  
[54] **RADIO FREQUENCY IDENTIFICATION READER ANTENNA HAVING A DYNAMICALLY ADJUSTABLE Q-FACTOR**  
[54] **ANTENNE DE LECTEUR D'IDENTIFICATION PAR RADIOFREQUENCE AYANT UN FACTEUR DE SURTENSION A AJUSTEMENT DYNAMIQUE**  
[72] BATEMAN, LEIGH, AU  
[71] ALEIS PTY. LTD., AU  
[85] 2012-05-09  
[86] 2010-10-11 (PCT/AU2010/001329)  
[87] 2011-04-14 (WO2011/041849)  
[30] US (61/250,400) 2009-10-09

[21] **2,780,325**  
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01)**  
[25] EN  
[54] **TRANSFERRING MULTIPLE COMMUNICATION MODALITIES DURING A CONVERSATION**  
[54] **TRANSFERT DE PLUSIEURS MODALITES DE COMMUNICATION AU COURS D'UNE CONVERSATION**  
[72] TAINE, STEPHANE L., US  
[72] CAVIN, STEPHANE, US  
[71] MICROSOFT CORPORATION, US  
[85] 2012-05-08  
[86] 2010-10-21 (PCT/US2010/053501)  
[87] 2011-05-26 (WO2011/062723)  
[30] US (12/622,165) 2009-11-19

[21] **2,780,326**  
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**  
[25] EN  
[54] **SURGICAL NEEDLE COATINGS AND METHODS**  
[54] **REVETEMENTS POUR AIGUILLE CHIRURGICALE ET METHODES AFFERENTES**  
[72] HAMILTON, MICHAEL, US  
[72] WILKES, THOMAS, US  
[72] BAR, S. NEIL, US  
[72] HINRICHS, ERIC, US  
[72] MAURER, ROBERT, US  
[71] ETHICON, INC., US  
[85] 2012-05-08  
[86] 2010-10-21 (PCT/US2010/053541)  
[87] 2011-05-12 (WO2011/056449)  
[30] US (12/614,665) 2009-11-09  
[30] US (12/858,485) 2010-08-18

[21] **2,780,327**  
[13] A1

[51] **Int.Cl. H02P 9/04 (2006.01)**  
[25] EN  
[54] **POWER OSCILLATION DAMPING EMPLOYING A FULL OR PARTIAL CONVERSION WIND TURBINE**  
[54] **AMORTISSEMENT D'OSCILLATIONS DE PUISSANCE UTILISANT UNE EOLIENNE A CONVERSION TOTALE OU PARTIELLE**  
[72] NELSON, ROBERT J., US  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2012-05-08  
[86] 2010-10-27 (PCT/US2010/054247)  
[87] 2011-05-19 (WO2011/059706)  
[30] US (12/615,387) 2009-11-10

## Demandes PCT entrant en phase nationale

[21] **2,780,330**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/048 (2006.01) G06N 5/02 (2006.01)**  
[25] EN  
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM FOR CREATING AND MANIPULATING DATA STRUCTURES USING AN INTERACTIVE GRAPHICAL INTERFACE**  
[54] **SYSTEME, PROCEDE ET PROGRAMME D'ORDINATEUR DE CREATION ET DE MANIPULATION DE STRUCTURES DE DONNEES AU MOYEN D'UNE INTERFACE GRAPHIQUE INTERACTIVE**  
[72] SWEENEY, PETER JOSEPH, CA  
[72] BARLOW-BUSCH, ROBERT GEORGE, CA  
[72] CONNOLLY, MARK WILLIAM, CA  
[71] PRIMAL FUSION INC., CA  
[85] 2012-05-09  
[86] 2010-11-10 (PCT/CA2010/001772)  
[87] 2011-05-19 (WO2011/057396)  
[30] US (12/615,703) 2009-11-10

[21] **2,780,331**  
[13] A1

[51] **Int.Cl. B01D 1/14 (2006.01) B01D 3/00 (2006.01) B01D 3/10 (2006.01) B01D 3/34 (2006.01) B01D 5/00 (2006.01)**  
[25] EN  
[54] **VACUUM DEHYDRATOR**  
[54] **DESHYDRATEUR DE VIDE**  
[72] LALIBERTE, ERIC M., US  
[72] LAZO, JOSE RAFAEL, US  
[72] GRACIA, ANSELMO GARCIA, ES  
[72] SACRISTAN, JUAN ALEJANDRO SEGRELLES, ES  
[72] WILLIAMS, MORTIMER DANIEL, US  
[72] DONNELLY, JOHN G., US  
[71] SIEMENS INDUSTRY, INC., US  
[85] 2012-05-08  
[86] 2010-11-01 (PCT/US2010/054916)  
[87] 2011-05-19 (WO2011/059843)  
[30] US (12/615,889) 2009-11-10

[21] **2,780,332**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 31/4709 (2006.01) A61P 31/00 (2006.01)**  
[25] EN  
[54] **COATED DRUG SPHEROIDS AND USES THEREOF FOR ELIMINATING OR REDUCING CONDITIONS SUCH AS EMESIS AND DIARRHEA**  
[54] **SPHEROIDES DE MEDICAMENT ENROBES ET UTILISATIONS DE CEUX-CI POUR ELIMINER OU REDUIRE DES AFFECTIONS TELLES QUE LE VOMISSEMENT ET LA DIARRHEE**  
[72] MURPHY, EUGENE JAMES, US  
[72] VENCL-JONCIC, MAJA, US  
[72] SHAH, SYED MUZAFAR, US  
[72] RAO, SRIPRIYA VENKATA RAMANA, US  
[72] DIORIO, CHRISTOPHER RICHARD, US  
[71] WYETH LLC, US  
[85] 2012-05-08  
[86] 2010-11-01 (PCT/US2010/054934)  
[87] 2011-05-12 (WO2011/056741)  
[30] US (61/259,387) 2009-11-09

[21] **2,780,333**  
[13] A1

[51] **Int.Cl. A61K 31/5513 (2006.01) A61P 19/00 (2006.01) A61P 19/02 (2006.01)**  
[25] EN  
[54] **1,4-BENZODIAZEPINE-2,5-DIONES AND RELATED COMPOUNDS WITH THERAPEUTIC PROPERTIES**  
[54] **1,4-BENZODIAZEPINE-2,5-DIONES ET COMPOSES APPARENTES PRESENTANT DES PROPRIETES THERAPEUTIQUES**  
[72] GLICK, GARY D., US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2012-05-08  
[86] 2010-11-03 (PCT/US2010/055254)  
[87] 2011-05-26 (WO2011/062765)  
[30] US (61/262,010) 2009-11-17

[21] **2,780,334**  
[13] A1

[51] **Int.Cl. B01J 8/18 (2006.01) B01J 8/44 (2006.01) F23C 10/20 (2006.01) F26B 3/08 (2006.01)**  
[25] EN  
[54] **AN APPARATUS FOR TREATING A BED OF PARTICULATE MATERIAL**  
[54] **APPAREIL PERMETTANT DE TRAITER UN LIT DE MATERIAU PARTICULAIRE**  
[72] PETERSEN, PER, DK  
[71] FLSMIDTH A/S, DK  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/IB2010/055091)  
[87] 2011-06-03 (WO2011/064686)  
[30] DK (PA 2009 01244) 2009-11-25

[21] **2,780,337**  
[13] A1

[51] **Int.Cl. A61K 38/10 (2006.01) A61P 1/10 (2006.01)**  
[25] EN  
[54] **LINACLOTIDE FOR THE TREATMENT OF CHRONIC CONSTIPATION**  
[54] **TRAITEMENT DE LA CONSTIPATION CHRONIQUE**  
[72] WITOWSKI, STEVEN, US  
[72] SCHNEIER, HARVEY, US  
[72] JOHNSTON, JEFFREY, US  
[72] FRETZEN, ANGELIKA, US  
[72] LAVINS, BERNARD JOSEPH, US  
[72] DEDHIYA, MAHENDRA, US  
[72] GROSSI, ALFREDO, US  
[72] ZHAO, HONG, US  
[71] IRONWOOD PHARMACEUTICALS, INC., US  
[71] FOREST LABORATORIES HOLDINGS LIMITED, BM  
[85] 2012-05-08  
[86] 2010-11-03 (PCT/US2010/055270)  
[87] 2011-05-12 (WO2011/056850)  
[30] US (61/257,463) 2009-11-03  
[30] US (61/257,465) 2009-11-03  
[30] US (61/327,094) 2010-04-22  
[30] US (61/330,124) 2010-04-30  
[30] US (61/394,181) 2010-10-18

## PCT Applications Entering the National Phase

[21] **2,780,338**  
[13] A1

[51] **Int.Cl. B23B 51/00 (2006.01) B23B 51/02 (2006.01) B23B 51/10 (2006.01) B23C 5/10 (2006.01) B23G 5/06 (2006.01) B25D 17/02 (2006.01) B25D 17/08 (2006.01) B27G 15/00 (2006.01)**

[25] EN  
[54] **MACHINE TOOL BIT DESIGN**  
[54] **CONFIGURATION DE MECHE DE MACHINE-OUTIL**

[72] GISCHUS, SIMON DEAN, AU  
[72] KILPATRICK, IAN LACHLAN, AU  
[71] GISCHUS, SIMON DEAN, AU  
[71] KILPATRICK, IAN LACHLAN, AU  
[85] 2012-05-09  
[86] 2010-11-10 (PCT/AU2010/001498)  
[87] 2011-05-19 (WO2011/057328)  
[30] AU (2009238245) 2009-11-13  
[30] AU (2010202839) 2010-07-06

[21] **2,780,340**  
[13] A1

[51] **Int.Cl. B25B 5/12 (2006.01) B25B 5/16 (2006.01)**

[25] EN  
[54] **CLAMPING DEVICE**  
[54] **DISPOSITIF TENDEUR**

[72] ULLE, DETLEV, DE  
[72] BLAAUW, DIRK JAN, DE  
[71] DE-STA-CO EUROPE GMBH, DE  
[85] 2012-05-09  
[86] 2010-11-08 (PCT/DE2010/001286)  
[87] 2011-05-26 (WO2011/060755)  
[30] DE (10 2009 054 153.5) 2009-11-23

[21] **2,780,341**  
[13] A1

[51] **Int.Cl. A63H 33/04 (2006.01) F16H 25/20 (2006.01)**

[25] EN  
[54] **A TOY BUILDING SET WITH AN OVERLOAD-SAFE LINEAR ACTUATOR**  
[54] **JEU DE CONSTRUCTION COMPRENANT UN ACTIONNEUR LINEAIRE ANTI-SURCHARGE**

[72] PEDERSEN, FRANK HOHRMANN, DK  
[71] LEGO A/S, DK  
[85] 2012-05-09  
[86] 2010-11-11 (PCT/DK2010/050304)  
[87] 2011-05-19 (WO2011/057640)  
[30] DK (PA 2009 70202) 2009-11-12

[21] **2,780,342**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 25/12 (2006.01) A01N 25/14 (2006.01) A01N 33/12 (2006.01) A01P 13/00 (2006.01)**

[25] EN  
[54] **IMPROVED PROCESS FOR PREPARING SOLUBLE GRANULES OF SALTS OF PYRIDINE CONTAINING CARBOXYLIC ACIDS**  
[54] **PROCEDE AMELIORE DE PREPARATION DE GRANULES SOLUBLES DE SELS D'ACIDES CARBOXYLIQUES CONTENANT DE LA PYRIDINE**

[72] FOSTER, NEIL, FR  
[72] LOGAN, MARTIN, US  
[72] PERRY, MARIA, US  
[72] KEENEY, FRANKLIN, US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2012-05-08  
[86] 2010-11-22 (PCT/US2010/057544)  
[87] 2011-05-26 (WO2011/063312)  
[30] US (61/263,431) 2009-11-23

[21] **2,780,343**  
[13] A1

[51] **Int.Cl. A61B 1/018 (2006.01) A61B 1/05 (2006.01) A61B 1/24 (2006.01) A61B 1/267 (2006.01)**

[25] EN  
[54] **VISUALIZATION INSTRUMENT**  
[54] **INSTRUMENT DE VISUALISATION**

[72] HACK, BRIAN, US  
[72] POWER GOODRICH, ELIZABETH, US  
[72] JUGENHEIMER SIZE, KRISTIN, US  
[72] GREGORY, PAUL CROSBY, US  
[72] CHINNOCK, RANDAL, US  
[72] GRUBNER, GEORGE, US  
[72] MILLER, DAVID J., US  
[72] PARGETT, MICHAEL S., US  
[72] MCGRAIL, THOMAS W., US  
[72] YEH, YUN SIUNG TONY, US  
[72] MILLER, RICHARD, US  
[72] PALLADINO, GARY VINCENT, US  
[71] KING SYSTEMS CORPORATION, US  
[85] 2012-05-08  
[86] 2010-11-29 (PCT/US2010/058226)  
[87] 2011-06-03 (WO2011/066510)  
[30] US (61/265,330) 2009-11-30  
[30] US (61/314,058) 2010-03-15  
[30] US (12/874,058) 2010-09-01  
[30] US (12/874,035) 2010-09-01

[21] **2,780,346**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN  
[54] **REMOTE PHYSICAL THERAPY APPARATUS**  
[54] **APPAREIL DE THERAPIE PHYSIQUE A DISTANCE**

[72] KIPPELMAN, STUART, US  
[72] MARCIELLO, ROBERT J., US  
[72] TEPEDINO, MICHAEL A., US  
[71] WELLNESS & PREVENTION, INC., US  
[85] 2012-05-08  
[86] 2010-11-18 (PCT/US2010/057160)  
[87] 2011-05-26 (WO2011/063079)  
[30] US (61/262,430) 2009-11-18  
[30] US (12/948,196) 2010-11-17

[21] **2,780,347**  
[13] A1

[51] **Int.Cl. A61K 9/28 (2006.01) A61K 9/48 (2006.01) A61K 9/50 (2006.01)**

[25] EN  
[54] **PARTIAL DIP COATING OF DOSAGE FORMS FOR MODIFIED RELEASE**  
[54] **REVETEMENT PAR IMMERSION PARTIELLE DE FORMES PHARMACEUTIQUES POUR LIBERATION MODIFIEE**

[72] BAGCHI, SAUMITRA, US  
[72] VUPPALA, MURALI, US  
[71] MCNEIL-PPC, INC., US  
[85] 2012-05-08  
[86] 2010-12-07 (PCT/US2010/059228)  
[87] 2011-06-16 (WO2011/071877)  
[30] US (61/267,137) 2009-12-07

[21] **2,780,348**  
[13] A1

[51] **Int.Cl. H04N 5/217 (2011.01)**

[25] EN  
[54] **PHOTOGRAPHIC FLICKER DETECTION AND COMPENSATION**  
[54] **DETECTION ET COMPENSATION DE SCINTILLEMENT PHOTOGRAPHIQUE**

[72] GOH, ROY, US  
[72] HE, YI, US  
[72] JUENGER, ANDREW, US  
[72] MILTON, STUART WILLIAM, US  
[71] MICROSOFT CORPORATION, US  
[85] 2012-05-08  
[86] 2010-12-09 (PCT/US2010/059595)  
[87] 2011-07-07 (WO2011/081817)  
[30] US (61/291,607) 2009-12-31  
[30] US (12/755,952) 2010-04-07

## Demandes PCT entrant en phase nationale

[21] **2,780,349**  
[13] A1

[51] **Int.Cl. A61K 8/21 (2006.01)**  
[25] EN  
[54] **ANTI-EROSION TOOTHPASTE COMPOSITION**  
[54] **COMPOSITION DE PATE DENTIFRICE ANTI-EROSION**  
[72] MASTERS, JAMES, US  
[72] PILCH, SHIRA, US  
[72] SULLIVAN, RICHARD, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2012-05-08  
[86] 2010-12-17 (PCT/US2010/060970)  
[87] 2011-07-14 (WO2011/084673)  
[30] US (61/287,292) 2009-12-17

[21] **2,780,350**  
[13] A1

[51] **Int.Cl. G01C 15/00 (2006.01) B61K 9/08 (2006.01)**  
[25] EN  
[54] **RUNWAY MEASUREMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE MESURE DE PISTE DE DECOLLAGE**  
[72] SUNIO, JUHA, FI  
[72] NOUSIAINEN, JONNA, FI  
[72] PEKKARINEN, MATTI, FI  
[71] KONECRANES PLC, FI  
[85] 2012-05-09  
[86] 2009-11-10 (PCT/FI2009/050904)  
[87] 2011-05-19 (WO2011/058212)

[21] **2,780,353**  
[13] A1

[51] **Int.Cl. H04W 72/12 (2009.01)**  
[25] EN  
[54] **AN IMPROVED METHOD AND APPARATUS FOR CO-SCHEDULING TRANSMISSIONS IN A WIRELESS NETWORK**  
[54] **AMELIORATIONS APORTEES A UN PROCEDE ET A UN APPAREIL SERVANT A LA CO-PLANIFICATION DES EMISSIONS DANS UN RESEAU RADIO**  
[72] BEVAN, DAVID, GB  
[72] GALE, SIMON, GB  
[72] ROBSON, JULIUS, FR  
[72] DEANE, PETER M., CA  
[71] ROCKSTAR BIDCO, LP, US  
[85] 2012-05-09  
[86] 2010-10-28 (PCT/GB2010/051807)  
[87] 2011-05-12 (WO2011/055137)  
[30] US (12/614,522) 2009-11-09

[21] **2,780,355**  
[13] A1

[51] **Int.Cl. H01F 7/16 (2006.01) H01F 7/122 (2006.01)**  
[25] EN  
[54] **SOLENOID ACTUATOR**  
[54] **ACTIONNEUR A ELECTROAIMANT**  
[72] DAMES, ANDREW, GB  
[71] SENTEC LTD, GB  
[85] 2012-05-09  
[86] 2010-11-05 (PCT/GB2010/051849)  
[87] 2011-05-19 (WO2011/058344)  
[30] GB (0919645.2) 2009-11-10

[21] **2,780,361**  
[13] A1

[51] **Int.Cl. G06K 17/00 (2006.01) G06K 7/08 (2006.01) G06Q 10/00 (2012.01) H04B 5/02 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR SUPPLY CHAIN MANAGEMENT**  
[54] **SYSTEME POUR LA GESTION DE CHAINE D'APPROVISIONNEMENT**  
[72] ZDEBLICK, MARK J., US  
[71] PROTEUS BIOMEDICAL, INC., US  
[85] 2012-05-08  
[86] 2010-11-04 (PCT/US2010/055522)  
[87] 2011-05-12 (WO2011/057024)  
[30] US (61/258,182) 2009-11-04

[21] **2,780,362**  
[13] A1

[51] **Int.Cl. A61K 38/56 (2006.01) A61K 38/16 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) A61P 9/10 (2006.01) A61P 43/00 (2006.01)**  
[25] EN  
[54] **ADMINISTRATION OF PLANT EXPRESSED ORAL TOLERANCE AGENTS**  
[54] **ADMINISTRATION PAR VOIE ORALE D'AGENTS DE TOLERANCE EXPRIMES CHEZ LES PLANTES**  
[72] HERZOG, ROLAND W., US  
[72] DANIELL, HENRY, US  
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US  
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/US2010/055978)  
[87] 2011-05-12 (WO2011/057243)  
[30] US (61/259,358) 2009-11-09

[21] **2,780,364**  
[13] A1

[51] **Int.Cl. F24D 3/00 (2006.01)**  
[25] EN  
[54] **PURGE/FILL VALVE**  
[54] **SOUPAPE DE PURGE/REMPLISSAGE**  
[72] RECK, MICHAEL E., US  
[71] WEBSTONE COMPANY, INC., US  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/US2010/055988)  
[87] 2011-05-19 (WO2011/059964)  
[30] US (12/615,547) 2009-11-10

[21] **2,780,365**  
[13] A1

[51] **Int.Cl. C07J 43/00 (2006.01) A61K 31/58 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **MAMMALIAN METABOLITES OF STEROIDS**  
[54] **METABOLITES DE STEROIDES DE MAMMIFERES**  
[72] CHAPPEL, SCOTT C., US  
[72] CASEBIER, DAVID S., US  
[71] TOKAI PHARMACEUTICALS, INC., US  
[85] 2012-05-08  
[86] 2010-11-09 (PCT/US2010/055996)  
[87] 2011-05-19 (WO2011/059969)  
[30] US (61/261,262) 2009-11-13

[21] **2,780,369**  
[13] A1

[51] **Int.Cl. A61B 17/84 (2006.01) A61B 17/72 (2006.01) A61B 17/74 (2006.01) A61B 17/82 (2006.01) A61B 17/86 (2006.01)**  
[25] EN  
[54] **CONTROLLING BONE COMPRESSION**  
[54] **REDUCTION DE COMPRESSION OSSEUSE**  
[72] WATANABE, KOHSUKE, US  
[72] GRUSIN, NATHANIEL KELLEY, US  
[71] SMITH & NEPHEW, INC., US  
[85] 2012-05-07  
[86] 2010-11-10 (PCT/US2010/056254)  
[87] 2011-05-19 (WO2011/060082)  
[30] US (61/259,745) 2009-11-10

## PCT Applications Entering the National Phase

[21] **2,780,375**  
[13] A1

[51] **Int.Cl. C01B 3/38 (2006.01)**  
[25] EN  
[54] **INTEGRATED ENHANCED OIL RECOVERY PROCESS**  
[54] **PROCESSUS INTEGRE DE RECUPERATION ASSISTEE DES HYDROCARBURES**  
[72] WALLACE, PAUL, US  
[71] GREATPOINT ENERGY, INC., US  
[85] 2012-05-04  
[86] 2010-12-16 (PCT/US2010/060725)  
[87] 2011-07-14 (WO2011/084580)  
[30] US (61/287,570) 2009-12-17

[21] **2,780,376**  
[13] A1

[51] **Int.Cl. B31B 19/98 (2006.01) B65H 31/30 (2006.01) B65H 31/32 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FORMING STACKS OF BAGS**  
[54] **DISPOSITIF ET PROCEDE POUR LA FORMATION DE PILES DE SACHETS**

[72] BERLIN, HEINZ, DE  
[72] THIES, JOERG CHRISTIAN, DE  
[71] WINDMOELLER & HOELSCHER KG, DE  
[85] 2012-05-08  
[86] 2010-11-02 (PCT/EP2010/066648)  
[87] 2011-05-19 (WO2011/057919)  
[30] DE (10 2009 046 590.1) 2009-11-10

[21] **2,780,377**  
[13] A1

[51] **Int.Cl. F21L 4/00 (2006.01) F21L 14/02 (2006.01)**  
[25] EN  
[54] **ILLUMINATABLE DEVICE**  
[54] **DISPOSITIF ECLAIRABLE**  
[72] JABLONSKI, XAVIER, AU  
[71] A.L.L. INNOVATIONS PTY. LTD., AU  
[85] 2012-02-27  
[86] 2009-08-28 (PCT/AU2009/001125)  
[87] 2010-03-04 (WO2010/022472)  
[30] AU (2008904440) 2008-08-28

[21] **2,780,379**  
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01)**  
[25] EN  
[54] **DEVICE THAT CAN BE WORN ON THE BODY OF A USER AND THAT PROVIDES VACUUM FOR MEDICAL USES**  
[54] **SYSTEME POUVANT ETRE PORTE SUR LE CORPS D'UN UTILISATEUR ET SERVANT A PRODUIRE UNE DEPRESSION POUR DES APPLICATIONS MEDICALES**  
[72] WEGNER, SIMON, DE  
[72] HEER, ANDREAS, DE  
[72] ECKSTEIN, AXEL, DE  
[72] HOFSTETTER, JUERGEN, DE  
[72] MOLLER, MARIO, DE  
[71] PAUL HARTMANN AKTIENGESELLSCHAFT, DE  
[85] 2012-02-07  
[86] 2010-07-02 (PCT/EP2010/004011)  
[87] 2011-02-17 (WO2011/018133)  
[30] DE (10 2009 038 130.9) 2009-08-12

[21] **2,780,382**  
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01) A61P 9/12 (2006.01) A61P 29/00 (2006.01)**  
[25] EN  
[54] **PEMIROLAST FOR THE TREATMENT OF SYSTEMIC LOW GRADE INFLAMMATION**  
[54] **LE PEMIROLAST POUR LE TRAITEMENT D'INFLAMMATIONS SYSTEMIQUES DE FAIBLE INTENSITE**  
[72] RAUD, JOHAN, SE  
[72] DALSGAARD, CARL-JOHAN, SE  
[71] CARDOZ AB, SE  
[85] 2012-05-09  
[86] 2010-11-12 (PCT/GB2010/002096)  
[87] 2011-05-19 (WO2011/058331)  
[30] US (61/260,949) 2009-11-13

[21] **2,780,383**  
[13] A1

[51] **Int.Cl. A61M 5/178 (2006.01) A61M 5/32 (2006.01)**  
[25] EN  
[54] **SYRINGES**  
[54] **SERINGUES**  
[72] MADIN, GRAHAM JOHN, DE  
[71] STAR SYRINGE LIMITED, GB  
[85] 2012-05-09  
[86] 2010-12-13 (PCT/GB2010/052078)  
[87] 2011-06-23 (WO2011/073644)  
[30] GB (0921939.5) 2009-12-16  
[30] GB (1007934.1) 2010-05-12

[21] **2,780,384**  
[13] A1

[51] **Int.Cl. A61B 5/0205 (2006.01) A61B 5/02 (2006.01) A61B 5/091 (2006.01)**  
[25] EN  
[54] **PATTERN RECOGNITION SYSTEM FOR CLASSIFYING THE FUNCTIONAL STATUS OF PATIENTS WITH PULMONARY HYPERTENSION, INCLUDING PULMONARY ARTERIAL AND PULMONARY VASCULAR HYPERTENSION**  
[54] **SYSTEME DE RECONNAISSANCE DE MODELE POUR CLASSIFIER L'ETAT FONCTIONNEL DE PATIENTS SOUFFRANT D'HYPERTENSION PULMONAIRE TELLE QUE L'HYPERTENSION PULMONAIRE ARTERIELLE ET L'HYPERTENSION PULMONAIRE VASCULAIRE**  
[72] ANDERSON, STEPHEN, US  
[72] MACCARTER, DEAN, US  
[71] SHAPE MEDICAL SYSTEMS, INC., US  
[85] 2012-05-09  
[86] 2010-09-24 (PCT/US2010/050197)  
[87] 2011-04-21 (WO2011/046729)

[21] **2,780,385**  
[13] A1

[51] **Int.Cl. F16L 15/04 (2006.01)**  
[25] EN  
[54] **THREADED PIPE CONNECTION WITH A PRESSURE ENERGIZED FLEX-SEAL**  
[54] **RACCORD DE TUYAU FILETE A UN JOINT FLEXIBLE ACTIVE PAR PRESSION**  
[72] LENG, KUO-TSUNG, US  
[71] GANDY TECHNOLOGIES CORPORATION, US  
[85] 2012-05-09  
[86] 2010-10-20 (PCT/US2010/053372)  
[87] 2011-05-12 (WO2011/056429)  
[30] US (12/612,376) 2009-11-04

## Demandes PCT entrant en phase nationale

[21] **2,780,387**  
[13] A1

[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/34 (2006.01) A61B 17/88 (2006.01) A61M 25/01 (2006.01) A61M 37/00 (2006.01)**  
[25] EN  
[54] **CURABLE MATERIAL DELIVERY SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE MATERIAU DURCISSABLE**  
[72] LINDERMAN, EVAN D., US  
[72] KRUEGER, JOHN A., US  
[71] CAREFUSION 207, INC., US  
[85] 2012-05-09  
[86] 2010-10-21 (PCT/US2010/053504)  
[87] 2011-05-19 (WO2011/059653)  
[30] US (12/615,606) 2009-11-10

[21] **2,780,388**  
[13] A1

[51] **Int.Cl. H01M 2/16 (2006.01)**  
[25] EN  
[54] **COMPOSITE BATTERY SEPARATOR**  
[54] **SEPARATEUR DE BATTERIE COMPOSITE**  
[72] WATERHOUSE, ROBERT R., US  
[72] LA, CHI THUONG-LE, US  
[72] PEKALA, RICHARD W., US  
[71] AMTEK RESEARCH INTERNATIONAL LLC, US  
[85] 2012-05-09  
[86] 2010-11-09 (PCT/US2010/056055)  
[87] 2011-05-19 (WO2011/059981)  
[30] US (61/260,306) 2009-11-11

[21] **2,780,390**  
[13] A1

[51] **Int.Cl. H04L 27/26 (2006.01) H04B 7/26 (2006.01) H04J 11/00 (2006.01) H04L 1/18 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING HARQ IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **PROCEDE ET DISPOSITIF POUR EXECUTER UNE DEMANDE DE REPETITION AUTOMATIQUE HYBRIDE (HARQ) DANS UN SYSTEME DE COMMUNICATION SANS FIL**  
[72] HAN, SEUNG HEE, KR  
[72] LEE, MOON IL, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2012-05-08  
[86] 2010-11-03 (PCT/KR2010/007704)  
[87] 2011-05-26 (WO2011/062383)  
[30] US (61/262,156) 2009-11-18  
[30] KR (10-2010-0078901) 2010-08-16

[21] **2,780,391**  
[13] A1

[51] **Int.Cl. H04B 1/59 (2006.01)**  
[25] EN  
[54] **HDX DEMODULATOR**  
[54] **DEMODULATEUR HDX**  
[72] BATEMAN, LEIGH, AU  
[71] ALLFLEX USA, INC., US  
[85] 2012-05-09  
[86] 2010-10-12 (PCT/US2010/052360)  
[87] 2011-04-14 (WO2011/044585)  
[30] US (61/250,407) 2009-10-09

[21] **2,780,392**  
[13] A1

[51] **Int.Cl. G06F 11/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR RECOVERY OF A FAILED REGISTRY**  
[54] **PROCEDE ET SYSTEME DE RECUPERATION D'UN REGISTRE DEFECTUEUX**  
[72] WALDRON, JOE, US  
[72] KANE, PATRICK, US  
[71] VERISIGN, INC., US  
[85] 2011-12-14  
[86] 2010-09-08 (PCT/US2010/048092)  
[87] 2011-03-17 (WO2011/031731)  
[30] US (12/556,456) 2009-09-09

[21] **2,780,394**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **UTILIZING A PRINTER TO CUSTOMIZE APPAREL IN A RETAIL FACILITY**  
[54] **UTILISATION D'UNE IMPRIMANTE POUR PERSONNALISER UN HABILLEMENT DANS UN MAGASIN DE DETAIL**  
[72] CIOFFI, BRYAN, US  
[72] HORN, STEVE, US  
[72] POWERS, DAVE, US  
[72] AVERY, BRANDON, US  
[72] MCDOWELL, SEAN, US  
[71] CONVERSE, INC., US  
[85] 2012-05-09  
[86] 2010-11-10 (PCT/US2010/056211)  
[87] 2011-05-19 (WO2011/060059)  
[30] US (12/615,834) 2009-11-10

[21] **2,780,405**  
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01)**  
[25] EN  
[54] **DOSE SETTING MECHANISM WITH MAXIMUM DOSE LIMITING ELEMENT**  
[54] **MECANISME D'ADMINISTRATION DE DOSE AVEC ELEMENT DE LIMITATION DE DOSE MAXIMALE**  
[72] SMITH, CHRISTOPHER JAMES, GB  
[72] OAKLAND, PHILIP, GB  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2012-05-08  
[86] 2010-12-16 (PCT/EP2010/069863)  
[87] 2011-06-23 (WO2011/073302)  
[30] EP (09179998.1) 2009-12-18

[21] **2,780,415**  
[13] A1

[51] **Int.Cl. C12P 23/00 (2006.01)**  
[25] EN  
[54] **MICROBIAL ENGINEERING FOR THE PRODUCTION OF CHEMICAL AND PHARMACEUTICAL PRODUCTS FROM THE ISOPRENOID PATHWAY**  
[54] **GENIE MICROBIEN POUR LA PRODUCTION DE PRODUITS CHIMIQUES ET PHARMACEUTIQUES A PARTIR DE LA VOIE ISOPRENOIDE**  
[72] STEPHANOPOULOS, GREGORY, US  
[72] AJIKUMAR, PARAYIL K., US  
[72] PHON, TOO HENG, SG  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG  
[85] 2012-05-09  
[86] 2010-11-10 (PCT/US2010/056206)  
[87] 2011-05-19 (WO2011/060057)  
[30] US (61/280,877) 2009-11-10  
[30] US (61/388,543) 2010-09-30

## PCT Applications Entering the National Phase

[21] **2,780,417**  
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01)**  
[25] EN  
[54] **PISTON FOR A CARTRIDGE AND PISTON ROD FOR A DRUG DELIVERY DEVICE**  
[54] **PISTON POUR CARTOUCHE ET TIGE DE PISTON POUR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**  
[72] JUGL, MICHAEL, DE  
[72] OTTEN, MARTIN, DE  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2012-05-08  
[86] 2010-12-16 (PCT/EP2010/069869)  
[87] 2011-06-23 (WO2011/073307)  
[30] EP (09180005.2) 2009-12-18

[21] **2,780,420**  
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 1/28 (2006.01)**  
[25] EN  
[54] **UNIT AND DEVICE FOR THE PREPARATION OF CELLS AND/OR PARTICLES IN A LIQUID AND METHOD FOR MICROSCOPIC ANALYSIS**  
[54] **UNITE ET DISPOSITIF DE PREPARATION DE CELLULES ET/OU DE PARTICULES DANS UN LIQUIDE ET PROCEDE D'ANALYSE MICROSCOPIQUE**  
[72] RIETMANN, RENE, CH  
[72] FATTINGER, CHRISTOF, CH  
[72] VOEGELIN, DIETER, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-08  
[86] 2010-12-20 (PCT/EP2010/070185)  
[87] 2011-06-30 (WO2011/076705)  
[30] EP (09180191.0) 2009-12-21

[21] **2,780,421**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4196 (2006.01) A61P 25/00 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01)**  
[25] EN  
[54] **GAMMA SECRETASE MODULATORS**  
[54] **MODULATEURS DE GAMMA-SECRETASE**  
[72] GREEN, LUKE, CH  
[72] LUEBBERS, THOMAS, DE  
[72] THOMAS, ANDREW, CH  
[72] GOETSCHI, ERWIN, CH  
[72] BAUMANN, KARLHEINZ, DE  
[72] KNUST, HENNER, DE  
[72] JOLIDON, SYNESE, CH  
[72] LIMBERG, ANJA, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2012-05-08  
[86] 2011-01-28 (PCT/EP2011/051184)  
[87] 2011-08-04 (WO2011/092272)  
[30] EP (10152211.8) 2010-02-01

[21] **2,780,424**  
[13] A1

[51] **Int.Cl. A61M 25/06 (2006.01) A61M 5/14 (2006.01) A61M 39/28 (2006.01)**  
[25] EN  
[54] **INTERLOCKING TUBING CLAMPS**  
[54] **PINCES DE TUBE A VERROUILLAGE MUTUEL**  
[72] BALTEAU, PATRICK, BE  
[71] BAXTER INTERNATIONAL INC., US  
[71] BAXTER HEALTHCARE S.A., CH  
[85] 2012-05-09  
[86] 2010-11-09 (PCT/US2010/055982)  
[87] 2011-05-19 (WO2011/059962)  
[30] US (12/615,705) 2009-11-10

[21] **2,780,425**  
[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) A61K 39/12 (2006.01) A61K 39/39 (2006.01)**  
[25] EN  
[54] **HYDROPHILIC FILTRATION DURING MANUFACTURE OF VACCINE ADJUVANTS**  
[54] **FILTRATION HYDROPHILE PENDANT LA FABRICATION D'ADJUVANTS DE VACCINS**  
[72] ESKEES, ROBERT, DE  
[72] KRAUS, GOTTFRIED, DE  
[71] NOVARTIS AG, CH  
[85] 2012-05-08  
[86] 2010-12-03 (PCT/IB2010/003273)  
[87] 2011-06-09 (WO2011/067669)  
[30] US (61/283, 517) 2009-12-03

[21] **2,780,428**  
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/4709 (2006.01) C07D 401/12 (2006.01)**  
[25] EN  
[54] **TABLET FORMULATIONS OF NERATINIB MALEATE**  
[54] **FORMULATIONS DE COMPRIMES DE MALEATE DE NERATINIB**  
[72] GHOSH, KRISHNENDU, US  
[72] ASHRAF, MUHAMMAD, US  
[72] NAGI, ARWINDER SINGH, US  
[72] MAHMUD, MAINUDDIN, US  
[72] GOOLCHARRAN, CHIMANLALL, US  
[71] WYETH LLC, US  
[85] 2012-05-08  
[86] 2010-11-02 (PCT/IB2010/054964)  
[87] 2011-05-12 (WO2011/055303)  
[30] US (61/259,403) 2009-11-09

[21] **2,780,429**  
[13] A1

[51] **Int.Cl. A61B 3/024 (2006.01) A61H 5/00 (2006.01)**  
[25] EN  
[54] **PERIPHERAL VISION TRAINING AND/OR TESTING DURING CENTRAL VISION FIXATION**  
[54] **ENTRAINEMENT OU EVALUATION DE VISION PERIPHERIQUE PENDANT LA FIXATION EN VISION CENTRALE**  
[72] YOO, HERB, US  
[72] REICHOW, ALAN W., US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2012-05-09  
[86] 2010-11-05 (PCT/US2010/055670)  
[87] 2011-05-19 (WO2011/059894)  
[30] US (12/615,349) 2009-11-10

## Demandes PCT entrant en phase nationale

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[21] **2,780,430**  
[13] A1  
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 5/075 (2010.01) C12N 15/12 (2006.01) G01N 33/15 (2006.01)**  
[25] EN  
[54] **GENES DIFFERENTIALLY EXPRESSED BY CUMULUS CELLS AND ASSAYS USING SAME TO IDENTIFY PREGNANCY COMPETENT OOCYTES**  
[72] **GENES EXPRIMES DE FACON DIFFERENTIELLE PAR LES CELLULES DU CUMULUS ET DOSAGES LES UTILISANT POUR IDENTIFIER DES OOCYTES COMPETENTS POUR UNE GROSSESSE**  
[72] IAGER, AMY E., US  
[72] OTU, HASAN H., TR  
[72] CIBELLI, JOSE B., US  
[71] GEMA DIAGNOSTICS, INC., US  
[85] 2012-05-09  
[86] 2010-11-10 (PCT/US2010/056252)  
[87] 2011-05-19 (WO2011/060080)  
[30] US (61/259,783) 2009-11-10  
[30] US (61/360,556) 2010-07-01  
[30] US (61/387,313) 2010-09-28  
[30] US (61/387,286) 2010-09-28  
[30] US (61/388,296) 2010-09-30

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[21] **2,780,431**  
[13] A1  
[51] **Int.Cl. A61B 10/02 (2006.01) C12M 1/26 (2006.01) G01N 27/00 (2006.01)**  
[25] EN  
[54] **CELLS**  
[54] **DISPOSITIFS DE COLLECTE DE CELLULES ET PROCEDES DE COLLECTE DE CELLULES**  
[72] CASTRACANE, JAMES, US  
[72] RAJA, WASEEM KHAN, US  
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[85] 2012-05-09  
[86] 2010-11-19 (PCT/US2010/057400)  
[87] 2011-05-26 (WO2011/063218)  
[30] US (12/623,294) 2009-11-20

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[21] **2,780,432**  
[13] A1  
[51] **Int.Cl. A61K 31/27 (2006.01) C07C 269/08 (2006.01) C07C 271/28 (2006.01)**  
[25] EN  
[54] **NOVEL POLYMORPH OF THE HYDROXYCARBAMOYL-PHENYL-CARBAMIC ACID (6-DIMETHYLAMINO METHYL-2-NAPHTALENYL) ESTER**  
[54] **NOUVEAU POLYMORPHE DU CHLORHYDRATE DE L'ESTER DE (6-DIMETHYLAMINO-METHYL-2-NAPHTALENYLE) DE L'ACIDE (4-HYDROXYCARBAMOYL-PHENYL)-CARBAMIQUE**  
[72] TURCHETTA, STEFANO, IT  
[72] ZENONI, MAURIZIO, IT  
[71] CHEMI SPA, IT  
[85] 2012-05-08  
[86] 2010-12-03 (PCT/IB2010/055560)  
[87] 2011-08-04 (WO2011/092556)  
[30] IT (MI2010A000121) 2010-01-28

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[21] **2,780,433**  
[13] A1  
[51] **Int.Cl. C07D 271/06 (2006.01) A61K 31/41 (2006.01) C07C 255/53 (2006.01) C07C 255/58 (2006.01) C07C 255/67 (2006.01) C07C 259/18 (2006.01) C07D 413/12 (2006.01)**  
[25] EN  
[54] **SPHINGOSINE 1 PHOSPHATE RECEPTOR MODULATORS AND METHODS OF CHIRAL SYNTHESIS**  
[54] **MODULATEURS DU RECEPTEUR DE SPHINGOSINE-1-PHOSPHATE ET PROCEDES DE SYNTHESE CHIRALE**  
[72] BOEHM, MARCUS F., US  
[72] MARTINBOROUGH, ESTHER, US  
[72] YEAGER, ADAM RICHARD, US  
[72] MOORJANI, MANISHA, US  
[72] TAMIYA, JUNKO, US  
[72] BRAHMACHARY, ENUGURTHI, US  
[72] HUANG, LIMING, US  
[71] RECEPTOS, INC., US  
[85] 2012-05-09  
[86] 2010-11-15 (PCT/US2010/056757)  
[87] 2011-05-19 (WO2011/060389)  
[30] US (61/261,282) 2009-11-13  
[30] US (61/262,474) 2009-11-18

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[21] **2,780,434**  
[13] A1  
[51] **Int.Cl. H02M 7/48 (2007.01) H02M 7/04 (2006.01)**  
[25] EN  
[54] **3-LEVEL POWER CONVERSION DEVICE**  
[54] **DISPOSITIF DE CONVERSION ELECTRONIQUE DE PUISSANCE A 3 NIVEAUX**  
[72] KOYANAGI, KIMIYUKI, JP  
[72] KINOSHITA, MASAHIRO, JP  
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP  
[71] MITSUBISHI ELECTRIC CORPORATION, JP  
[85] 2012-05-09  
[86] 2009-11-17 (PCT/JP2009/069490)  
[87] 2011-05-26 (WO2011/061813)

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[21] **2,780,435**  
[13] A1  
[51] **Int.Cl. G01V 8/20 (2006.01) G01V 8/10 (2006.01) G01V 8/22 (2006.01)**  
[25] EN  
[54] **A NOVEL SENSOR ARRAY CONFIGURATION FOR EXTENDING USEFUL SENSING LENGTH OF A SWEPT-WAVELENGTH INTERFEROMETRY BASED SYSTEM**  
[54] **NOUVELLE CONFIGURATION DE RESEAU DE CAPTEUR POUR ETENDRE LA LONGUEUR DE DETECTION UTILE D'UN SYSTEME BASE SUR UNE INTERFEROMETRIE A LONGUEUR D'ONDE BALAYEE**  
[72] DUNCAN, ROGER G., US  
[72] HARMAN, ROBERT M., US  
[72] CHILDERS, BROOKS A., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2012-05-09  
[86] 2010-11-10 (PCT/US2010/056204)  
[87] 2011-05-19 (WO2011/060055)  
[30] US (12/615,642) 2009-11-10

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## PCT Applications Entering the National Phase

[21] **2,780,436**  
[13] A1

[51] **Int.Cl. C08B 1/00 (2006.01) C08H 8/00 (2010.01)**  
[25] EN  
[54] **IMPROVED METHODS OF ENZYMATIC HYDROLYSIS**  
[54] **PROCEDES AMELIORES D'HYDROLYSE ENZYMATIQUE**  
[72] HALL, MELANIE, US  
[72] BANSAL, PRABUDDHA, US  
[72] LEE, JAY HYUNG, US  
[72] BOMMARIUS, ANDREAS SEBASTIAN, US  
[72] SMITH, RONALD W., US  
[72] REALFF, MATTHEW JAMES, US  
[71] GEORGIA TECH RESEARCH CORPORATION, US  
[71] TEXACO INC., US  
[85] 2012-05-09  
[86] 2010-11-09 (PCT/US2010/056072)  
[87] 2011-05-12 (WO2011/057291)  
[30] US (61/259,520) 2009-11-09

[21] **2,780,438**  
[13] A1

[51] **Int.Cl. B01D 46/02 (2006.01) B05B 15/12 (2006.01)**  
[25] EN  
[54] **FILTER DEVICE, PAINTING BOOTH USING FILTER DEVICE, AND SIMPLIFIED PAINTING BOOTH USING FILTER DEVICE**  
[54] **APPAREIL DE FILTRATION, CABINE DE PEINTURE PAR PULVERISATION AVEC L'APPAREIL DE FILTRATION ET CABINE DE PEINTURE PAR PULVERISATION SIMPLIFIEE AVEC L'APPAREIL DE FILTRATION**  
[72] IWAKIRI, HIROSHI, JP  
[71] TAIKISHA LTD., JP  
[85] 2012-05-09  
[86] 2010-09-22 (PCT/JP2010/066410)  
[87] 2011-10-06 (WO2011/121820)  
[30] JP (2010-078318) 2010-03-30

[21] **2,780,439**  
[13] A1

[51] **Int.Cl. G06F 7/00 (2006.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **SEARCH ENGINE IDENTIFYING CHEMICAL PRODUCTS**  
[54] **MOTEUR DE RECHERCHE POUR IDENTIFICATION DE PRODUITS CHIMIQUES**  
[72] HARRISON, JAMES JEFFRIES, US  
[71] CHEMSIL SILICONES, INC., US  
[85] 2012-05-09  
[86] 2010-11-12 (PCT/US2010/056570)  
[87] 2011-05-19 (WO2011/060285)  
[30] US (61/261,230) 2009-11-13

[21] **2,780,441**  
[13] A1

[51] **Int.Cl. D04H 3/00 (2012.01) A61L 15/16 (2006.01) A61L 27/00 (2006.01) D01D 5/04 (2006.01) D01F 6/00 (2006.01) D04H 1/40 (2012.01) D04H 1/72 (2012.01)**  
[25] EN  
[54] **FIBROUS FORMED ARTICLE**  
[54] **ARTICLE A BASE DE FIBRES MOULEES**  
[72] KAGEYAMA, YUKAKO, JP  
[72] SATAKE, MAKOTO, JP  
[72] HONDA, SUSUMU, JP  
[72] KANEKO, HIROAKI, JP  
[71] TEIZIN LIMITED, JP  
[85] 2012-05-09  
[86] 2010-11-10 (PCT/JP2010/070415)  
[87] 2011-05-19 (WO2011/059102)  
[30] JP (2009-257978) 2009-11-11

[21] **2,780,445**  
[13] A1

[51] **Int.Cl. C23C 2/06 (2006.01) C23C 2/02 (2006.01) C23C 2/12 (2006.01) C23C 2/16 (2006.01) C23C 2/26 (2006.01) C23C 28/00 (2006.01)**  
[25] EN  
[54] **HOT-DIPPED STEEL MATERIAL AND METHOD OF PRODUCING SAME**  
[54] **MATERIAU D'ACIER METALLISE PAR IMMERSION, ET SON PROCEDE DE PRODUCTION**  
[72] SHIRAGAKI, NOBUKI, JP  
[72] YAMANAKA, YOSHIKAZU, JP  
[72] FUJII, SHIRO, JP  
[72] KANAI, HIROSHI, JP  
[72] SUEMUNE, YOSHIHIRO, JP  
[72] OOHASHI, TOORU, JP  
[72] MORIMOTO, YASUhide, JP  
[72] SHIMODA, NOBUYUKI, JP  
[71] NIPPON STEEL & SUMIKIN COATED SHEET CORPORATION, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2012-05-09  
[86] 2011-02-17 (PCT/JP2011/053426)  
[87] 2011-08-25 (WO2011/102434)  
[30] JP (2010-033502) 2010-02-18

[21] **2,780,447**  
[13] A1

[51] **Int.Cl. B01D 3/32 (2006.01) B01J 19/32 (2006.01)**  
[25] EN  
[54] **COLUMN WITH CARRYING DEVICES FOR COLUMN INTERNALS**  
[54] **COLONNE A DISPOSITIFS DE SUPPORT POUR ELEMENTS INTERNES**  
[72] HOENICKE, JOCHEN, DE  
[72] MIHAILOWITSCH, DIETER, DE  
[71] LINDE AKTIENGESELLSCHAFT, DE  
[85] 2012-05-09  
[86] 2010-11-04 (PCT/EP2010/006732)  
[87] 2011-05-19 (WO2011/057740)  
[30] DE (10 2009 052 650.1) 2009-11-10

## Demandes PCT entrant en phase nationale

[21] **2,780,448**  
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C07H 21/04 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **TRANSGENIC MAIZE EVENT MON 87427 AND THE RELATIVE DEVELOPMENT SCALE**  
[54] **EVENEMENT DU MAIS TRANSGENIQUE MON 87427 ET ECHELLE DE DEVELOPPEMENT RELATIVE**  
[72] KELLY, REBECCA A., US  
[72] FONSECA, AGUSTIN E., US  
[72] GARNAAT, CARL W., US  
[72] HUANG, JINTAI, US  
[72] FENG, PAUL C. C., US  
[72] HEREDIA, OSCAR, US  
[72] STOECKER, MARTIN A., US  
[72] QI, YOULIN, US  
[71] MONSANTO TECHNOLOGY LLC, US  
[85] 2012-05-09  
[86] 2010-11-16 (PCT/US2010/056853)  
[87] 2011-05-26 (WO2011/062904)  
[30] US (61/263,530) 2009-11-23  
[30] US (61/263,526) 2009-11-23

[21] **2,780,450**  
[13] A1

[51] **Int.Cl. C12P 7/06 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUSES FOR PRODUCING RENEWABLE MATERIALS FROM INHIBITING COMPOUNDS**  
[54] **METHODES ET DISPOSITIFS DE PRODUCTION DE MATIERES RENOUVELABLES A PARTIR DE COMPOSES INHIBITEURS**  
[72] BORDEN, JACOB, US  
[71] BP CORPORATION NORTH AMERICA INC., US  
[85] 2012-05-09  
[86] 2010-11-22 (PCT/US2010/057637)  
[87] 2011-06-09 (WO2011/068708)  
[30] US (12/630,577) 2009-12-03

[21] **2,780,453**  
[13] A1

[51] **Int.Cl. A61K 31/137 (2006.01) A61P 27/00 (2006.01) A61P 27/02 (2006.01)**  
[25] EN  
[54] **TREATING XEROPHTHALMIA WITH COMPOUNDS INCREASING MEIBOMIAN GLAND SECRETION**  
[54] **TRAITEMENT DE LA XEROPHTALMIE AVEC DES COMPOSES QUI AUGMENTENT LA SECRETION DE LA GLANDE DE MEIBOMIUS**  
[72] CIOFALO, VINCENT B., US  
[72] ABERG, A. K. GUNNAR, US  
[71] BRIDGE PHARMA, INC., US  
[85] 2012-05-09  
[86] 2010-11-30 (PCT/US2010/058317)  
[87] 2011-06-09 (WO2011/068786)  
[30] US (61/283,327) 2009-12-02  
[30] US (61/343,258) 2010-04-26

[21] **2,780,456**  
[13] A1

[51] **Int.Cl. C22B 15/00 (2006.01) C22B 5/00 (2006.01) F27D 3/18 (2006.01)**  
[25] EN  
[54] **ARRANGEMENT FOR EVENING OUT POWDERY SOLID MATTER FEED OF A CONCENTRATE BURNER OF A SUSPENSION SMELTING OR SUSPENSION CONVERTING FURNACE**  
[54] **AGENCEMENT POUR EGALISER UNE CHARGE DE MATIERE SOLIDE POUFREUSE D'UN BRULEUR DE CONCENTRE D'UN FOUR DE FUSION A SUSPENSION OU DE CONVERSION A SUSPENSION**  
[72] PESONEN, LAURI P., FI  
[72] PELTONIEMI, KAARLE, FI  
[72] SIPILAE, JUSSI, FI  
[72] BJOERKLUND, PETER, FI  
[71] OUTOTEC OYJ, FI  
[85] 2012-05-09  
[86] 2010-12-10 (PCT/FI2010/051008)  
[87] 2011-06-16 (WO2011/070239)  
[30] FI (20096313) 2009-12-11

[21] **2,780,457**  
[13] A1

[51] **Int.Cl. A61K 38/18 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **USE OF FGFR1 EXTRA CELLULAR DOMAIN PROTEINS TO TREAT CANCERS CHARACTERIZED BY LIGAND-DEPENDENT ACTIVATING MUTATIONS IN FGFR2**  
[54] **UTILISATION DE PROTEINES A DOMAINE EXTRACELLULAIRE FGFR1 POUR TRAITER DES CANCERS CARACTERISES PAR DES MUTATIONS ACTIVANTES LIGAND-DEPENDANTES DANS FGFR2**  
[72] KAVANAUGH, MICHAEL W., US  
[72] HARDING, THOMAS, US  
[71] FIVE PRIME THERAPEUTICS, INC., US  
[85] 2012-05-09  
[86] 2010-11-12 (PCT/US2010/056627)  
[87] 2011-05-19 (WO2011/060333)  
[30] US (61/261,291) 2009-11-13

[21] **2,780,459**  
[13] A1

[51] **Int.Cl. H01L 21/336 (2006.01) H01L 21/265 (2006.01) H01L 29/78 (2006.01)**  
[25] EN  
[54] **METHODS OF MAKING SEMICONDUCTOR DEVICES HAVING IMPLANTED SIDEWALLS AND DEVICES MADE THEREBY**  
[54] **PROCEDES DE FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEURS A PAROIS LATERALES IMPLANTEES, ET DISPOSITIFS FABRIQUES AINSI**  
[72] SHERIDAN, DAVID C., US  
[72] RITENOUR, ANDREW, US  
[71] SS SC IP, LLC, US  
[85] 2012-05-09  
[86] 2010-12-08 (PCT/US2010/059374)  
[87] 2011-06-16 (WO2011/071973)  
[30] US (61/267,524) 2009-12-08

## PCT Applications Entering the National Phase

[21] **2,780,461**  
[13] A1

[51] **Int.Cl. H04W 80/04 (2009.01) H04W 8/14 (2009.01) H04L 29/08 (2006.01)**  
[25] EN  
[54] **SYSTEM, METHOD AND DEVICES FOR ENABLING EFFICIENT HYBRID ROUTE OPTIMIZATION BETWEEN TWO MOBILE ENDPOINTS**  
[54] **SYSTEME, PROCEDE ET DISPOSITIFS DESTINES A PERMETTRE UNE OPTIMISATION D'ITINERAIRE HYBRIDE EFFICACE ENTRE DEUX POINTS D'EXTREMITE MOBILES**  
[72] HADDAD, WASSIM, US  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2012-05-09  
[86] 2010-11-15 (PCT/IB2010/055177)  
[87] 2011-05-26 (WO2011/061673)  
[30] US (61/263,333) 2009-11-20  
[30] US (12/828,811) 2010-07-01

[21] **2,780,462**  
[13] A1

[51] **Int.Cl. G01R 27/08 (2006.01) H01M 10/48 (2006.01)**  
[25] EN  
[54] **BATTERY INSULATION RESISTANCE MEASUREMENT METHODS, INSULATION RESISTANCE MEASUREMENT METHODS, INSULATION RESISTANCE DETERMINATION APPARATUSES, AND ARITCLES OF MANUFACTURE**  
[54] **PROCEDES DE MESURE DE LA RESISTANCE D'ISOLEMENT D'UN ACCUMULATEUR, PROCEDES DE MESURE DE RESISTANCE D'ISOLEMENT, APPAREILS DE DETERMINATION DE RESISTANCE D'ISOLEMENT ET PRODUITS MANUFACTURES**  
[72] KLIJN, AARON, US  
[71] VALENCE TECHNOLOGY, INC., US  
[85] 2012-05-09  
[86] 2010-11-16 (PCT/US2010/056861)  
[87] 2011-05-26 (WO2011/062907)  
[30] US (12/622,134) 2009-11-19

[21] **2,780,463**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/506 (2006.01)**  
[25] EN  
[54] **IMIDAZO-PYRAZOLES AS GPR119 INHIBITORS**  
[54] **IMIDAZO-PYRAZOLES COMME INHIBITEURS DU GPR119**  
[72] MASCITTI, VINCENT, US  
[72] MUNCHHOF, MICHAEL JOHN, US  
[72] MCCLURE, KIM FRANCIS, US  
[72] ROBINSON, RALPH PELTON, US  
[71] PFIZER INC., US  
[85] 2012-05-09  
[86] 2010-11-16 (PCT/IB2010/055194)  
[87] 2011-05-26 (WO2011/061679)  
[30] US (61/263,579) 2009-11-23

[21] **2,780,465**  
[13] A1

[51] **Int.Cl. A61B 17/03 (2006.01)**  
[25] EN  
[54] **PLASMA HEAD FOR TISSUE WELDING**  
[54] **TETE PLASMA POUR SOUDAGE DE TISSU**  
[72] LAM, AMNON, IL  
[71] IONMED LTD, IL  
[85] 2012-05-09  
[86] 2010-11-08 (PCT/IL2010/000922)  
[87] 2011-05-12 (WO2011/055368)  
[30] US (61/259,324) 2009-11-09

[21] **2,780,467**  
[13] A1

[51] **Int.Cl. G06Q 40/00 (2012.01)**  
[25] EN  
[54] **AN IMPROVED PERFORMANCE TESTING TOOL FOR FINANCIAL APPLICATIONS**  
[54] **OUTIL AMELIORE DE TEST DE PERFORMANCE POUR DES APPLICATIONS FINANCIERES**  
[72] DUBEY, SIDDHARTH, IN  
[71] FIDELITY BUSINESS SERVICES INDIA PRIVATE LIMITED, IN  
[85] 2012-05-09  
[86] 2010-11-11 (PCT/IN2010/000737)  
[87] 2011-05-19 (WO2011/058581)  
[30] IN (2772/CHE/2009) 2009-11-11

[21] **2,780,470**  
[13] A1

[51] **Int.Cl. F03D 1/02 (2006.01) F03D 11/02 (2006.01)**  
[25] EN  
[54] **WIND POWER GENERATING APPARATUS**  
[54] **APPAREIL GENERATEUR D'ENERGIE EOLIENNE**  
[72] KANG, HYUN MOON, KR  
[71] AN, SUN SOOK, KR  
[85] 2012-05-09  
[86] 2010-11-03 (PCT/KR2010/007687)  
[87] 2011-05-12 (WO2011/055962)  
[30] KR (10-2009-0107409) 2009-11-09

[21] **2,780,471**  
[13] A1

[51] **Int.Cl. B65D 81/38 (2006.01) B65B 7/28 (2006.01) B65D 21/032 (2006.01) B65D 77/20 (2006.01) B65D 85/50 (2006.01) F25D 3/06 (2006.01)**  
[25] EN  
[54] **CONTAINERS FOR TRANSPORT OF FOOD**  
[54] **RECIPIENT POUR LE TRANSPORT D'ALIMENT**  
[72] JOERGENSEN, ARVID, NO  
[72] BEKKEN, SVENN, NO  
[71] BEWI PRODUKTER AS, NO  
[85] 2012-05-09  
[86] 2010-11-12 (PCT/NO2010/000413)  
[87] 2011-05-26 (WO2011/062502)  
[30] NO (20093338) 2009-11-13

[21] **2,780,472**  
[13] A1

[51] **Int.Cl. E21B 23/03 (2006.01)**  
[25] EN  
[54] **KICK-OVER TOOL**  
[54] **OUTIL SUR COUP**  
[72] PETERSEN, STALE, NO  
[72] KLEPPA, ERLING, NO  
[71] PETROLEUM TECHNOLOGY COMPANY AS, NO  
[85] 2012-05-09  
[86] 2010-12-07 (PCT/NO2010/000450)  
[87] 2011-06-16 (WO2011/071391)  
[30] NO (2009 3485) 2009-12-07

## Demandes PCT entrant en phase nationale

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[21] **2,780,473**  
[13] A1  
[51] **Int.Cl. D21J 3/00 (2006.01) B22F 3/10 (2006.01) B22F 5/00 (2006.01)**  
[25] EN  
[54] **PULP MOULD COMPRISING HEATING ELEMENT WITH SINTERED NECKS**  
[54] **MOULE POUR PATE COMPRENANT UN ELEMENT CHAUFFANT A COLS FRITTES**  
[72] NILSSON, BJOERN, SE  
[72] BASKMAN, LEIF, SE  
[72] SHAND, JOHN, SE  
[71] PAKIT INTERNATIONAL TRADING COMPANY INC, BB  
[85] 2012-05-09  
[86] 2010-11-12 (PCT/SE2010/051247)  
[87] 2011-05-19 (WO2011/059391)  
[30] SE (0950860-7) 2009-11-13

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[21] **2,780,474**  
[13] A1  
[51] **Int.Cl. D21J 3/00 (2006.01) B22F 3/10 (2006.01) B22F 5/00 (2006.01)**  
[25] EN  
[54] **POROUS SINTERED PULP MOULD COMPRISING A PARTIALLY MACHINED FLAT BOTTOM SURFACE**  
[54] **MOULE FRITTE POREUX POUR PATE COMPRENANT UNE SURFACE DE FOND PLATE USINEE**  
[72] SHAND, JOHN, SE  
[72] NILSSON, BJOERN, SE  
[72] BASKMAN, LEIF, SE  
[71] PAKIT INTERNATIONAL TRADING COMPANY INC, BB  
[85] 2012-05-09  
[86] 2010-11-12 (PCT/SE2010/051248)  
[87] 2011-05-19 (WO2011/059392)  
[30] SE (0950862-3) 2009-11-13

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[21] **2,780,476**  
[13] A1  
[51] **Int.Cl. D21J 3/00 (2006.01) B22F 3/10 (2006.01) B22F 5/00 (2006.01)**  
[25] EN  
[54] **CELLULOSIC PULP MOULD COMPRISING AN IMPERMEABLE OUTER SURFACE**  
[54] **MOULE POUR PATE CELLULOSIQUE COMPRENANT UNE SURFACE EXTERIEURE IMPERMEABLE**  
[72] SHAND, JOHN, SE  
[72] BASKMAN, LEIF, SE  
[72] NILSSON, BJOERN, SE  
[71] PAKIT INTERNATIONAL TRADING COMPANY INC, BB  
[85] 2012-05-09  
[86] 2010-11-12 (PCT/SE2010/051250)  
[87] 2011-05-19 (WO2011/059393)  
[30] SE (0950861-5) 2009-11-13

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[21] **2,780,477**  
[13] A1  
[51] **Int.Cl. D21J 3/00 (2006.01)**  
[25] EN  
[54] **BASE PLATE FOR PULP MOULDS**  
[54] **PLAQUE DE FOND DE MOULES POUR PATE**  
[72] NILSSON, BJOERN, SE  
[72] BASKMAN, LEIF, SE  
[72] SHAND, JOHN, SE  
[71] PAKIT INTERNATIONAL TRADING COMPANY INC, BB  
[85] 2012-05-09  
[86] 2010-11-12 (PCT/SE2010/051251)  
[87] 2011-05-19 (WO2011/059394)  
[30] SE (0950863-1) 2009-11-13

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[21] **2,780,478**  
[13] A1  
[51] **Int.Cl. C08L 1/02 (2006.01) C08B 15/08 (2006.01) C08B 15/10 (2006.01) D21C 9/00 (2006.01) D21H 11/18 (2006.01) D21H 13/44 (2006.01) D21H 15/08 (2006.01) D21H 17/68 (2006.01)**  
[25] EN  
[54] **STRONG NANOPAPER**  
[54] **NANOPAPIER RESISTANT**  
[72] LIU, ANDONG, SE  
[72] BERGLUND, LARS, SE  
[71] KTH HOLDING AB, SE  
[85] 2012-05-09  
[86] 2010-11-16 (PCT/SE2010/051259)  
[87] 2011-05-19 (WO2011/059398)  
[30] US (61/261,461) 2009-11-16  
[30] US (61/267,559) 2009-12-08

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[21] **2,780,480**  
[13] A1  
[51] **Int.Cl. C10G 29/04 (2006.01)**  
[25] EN  
[54] **IMPROVED SELECTIVE CRACKED NAPHTHA DESULFURIZATION USING ARSENIC TRAP CATALYSTS**  
[54] **PROCEDE POUR EVACUER L'ARSENIC AVEC UN CATALYSEUR DE PIEGEAGE AVANT SA DESULFURATION**  
[72] GREELEY, JOHN P., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2012-05-09  
[86] 2009-12-01 (PCT/US2009/006320)  
[87] 2011-06-09 (WO2011/068488)

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[21] **2,780,481**  
[13] A1  
[51] **Int.Cl. G02B 6/36 (2006.01) A61B 6/00 (2006.01) G02B 6/42 (2006.01) H04B 10/00 (2006.01) H04B 10/22 (2006.01)**  
[25] EN  
[54] **FIBER OPTIC ROTARY JOINTS, METHODS PRACTICED THEREBY, AND FIBER OPTIC DEVICES**  
[54] **JOINTS TOURNANTS POUR FIBRES OPTIQUES, PROCEDES MIS EN ŒUVRE A L'AIDE DE CEUX-CI ET DISPOSITIFS A FIBRES OPTIQUES**  
[72] BOWMAN, ANTHONY L., US  
[71] MOOG INC., US  
[85] 2012-05-09  
[86] 2009-12-03 (PCT/US2009/006350)  
[87] 2011-06-09 (WO2011/068492)

## PCT Applications Entering the National Phase

[21] **2,780,482**  
[13] A1

[51] **Int.Cl. C07K 14/775 (2006.01) A61P 35/00 (2006.01) C07H 21/00 (2006.01)**  
[25] EN  
[54] **HDL PARTICLES FOR DELIVERY OF NUCLEIC ACIDS**  
[54] **PARTICULES DE HDL POUR ADMINISTRATION D'ACIDES NUCLEIQUES**  
[72] MCCONATHY, WALTER J., US  
[72] LACKO, ANDRAS G., US  
[72] PROKAI, LASZLO, US  
[72] LOPEZ-BERESTEIN, GABRIEL, US  
[72] NAIR, MAYA P., US  
[72] SOOD, ANIL K., US  
[72] MANGALA, LINGEGOWDA S., US  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US  
[71] UNT HEALTH SCIENCE CENTER AT FORT WORTH, US  
[85] 2012-05-09  
[86] 2009-11-17 (PCT/US2009/064834)  
[87] 2010-05-10 (WO2010/057203)  
[30] US (61/115,387) 2008-11-17

[21] **2,780,484**  
[13] A1

[51] **Int.Cl. B66B 1/14 (2006.01) B66B 1/36 (2006.01) B66B 5/00 (2006.01)**  
[25] EN  
[54] **ELEVATOR SECURITY SYSTEM**  
[54] **SYSTEME DE SECURITE D'ASCENSEUR**  
[72] FLYNN, MICHAEL P., US  
[72] PISARSKY, GARY, US  
[71] OTIS ELEVATOR COMPANY, US  
[85] 2012-05-09  
[86] 2009-12-14 (PCT/US2009/067899)  
[87] 2011-06-23 (WO2011/075115)

[21] **2,780,485**  
[13] A1

[51] **Int.Cl. A61K 31/165 (2006.01) A61K 9/12 (2006.01) A61K 9/20 (2006.01) A61K 31/14 (2006.01)**  
[25] EN  
[54] **NASAL FORMULATIONS OF METOCLOPRAMIDE**  
[54] **FORMULATIONS NASALES DE METOCLOPRAMIDE**  
[72] D'ONOFRIO, MATTHEW J., US  
[72] GONYER, DAVID A., US  
[72] MADDEN, STUART J., US  
[72] SHAH, SHIRISH A., US  
[71] EVOKE PHARMA, INC., US  
[85] 2012-05-09  
[86] 2009-12-22 (PCT/US2009/069298)  
[87] 2010-07-01 (WO2010/075444)  
[30] US (61/140,034) 2008-12-22

[21] **2,780,486**  
[13] A1

[51] **Int.Cl. A01N 37/00 (2006.01) A23L 1/305 (2006.01)**  
[25] EN  
[54] **STABILIZED FORMULATIONS OF FATTY ACIDS**  
[54] **FORMULATIONS STABILISEES D'ACIDES GRAS**  
[72] BERL, VOLKER, US  
[71] MYCELL HOLDINGS LIMITED, US  
[85] 2012-05-08  
[86] 2010-11-10 (PCT/US2010/056257)  
[87] 2011-05-19 (WO2011/060084)  
[30] US (61/259,943) 2009-11-10

[21] **2,780,487**  
[13] A1

[51] **Int.Cl. C07K 9/00 (2006.01) A61K 39/104 (2006.01) A61K 39/112 (2006.01) A61K 39/116 (2006.01) A61K 39/385 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/195 (2006.01) C07K 14/21 (2006.01) C07K 14/245 (2006.01) C07K 14/25 (2006.01) C12N 1/21 (2006.01) C12N 15/31 (2006.01) C12N 15/63 (2006.01) C12P 15/00 (2006.01) C12P 21/00 (2006.01)**  
[25] EN  
[54] **BIOSYNTHETIC SYSTEM THAT PRODUCES IMMUNOGENIC POLYSACCHARIDES IN PROKARYOTIC CELLS**  
[54] **SYSTEME DE BIOSYNTHESE QUI PRODUIT DES POLYSACCHARIDES IMMUNOGENES DANS LES CELLULES PROCARYOTES**  
[72] WAECHTER, CHARLES, US  
[72] WACKER, MICHAEL, CH  
[71] GLYCOVAXYN AG, CH  
[85] 2012-05-09  
[86] 2010-11-16 (PCT/US2010/002980)  
[87] 2011-05-26 (WO2011/062615)  
[30] US (61/272,931) 2009-11-19

[21] **2,780,488**  
[13] A1

[51] **Int.Cl. G01N 21/31 (2006.01)**  
[25] EN  
[54] **PHOTONIC MEASUREMENT INSTRUMENT USING NON-SOLARIZING UV GRADE FIBER OPTICS**  
[54] **INSTRUMENT DE MESURE PHOTONIQUE UTILISANT DES FIBRES OPTIQUES DE QUALITE UV NON SOLARISANTES**  
[72] IVALDI, JUAN C., US  
[72] WERNER, MARK C., US  
[72] CHOW, EUGENE, SG  
[72] ST. CYR, PAUL L., US  
[71] PERKINELMER HEALTH SCIENCES, INC., US  
[85] 2012-05-09  
[86] 2010-11-19 (PCT/US2010/003006)  
[87] 2011-05-26 (WO2011/062630)  
[30] US (61/263,142) 2009-11-20

[21] **2,780,489**  
[13] A1

[51] **Int.Cl. H01R 4/24 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR TERMINATING ELECTRICAL CONNECTORS TO CABLES**  
[54] **PROCEDES ET APPAREIL PERMETTANT DE RACCORDER DES CONNECTEURS ELECTRIQUES A DES CABLES**  
[72] TOBEY, SHAWN PHILLIP, US  
[72] PEPE, PAUL JOHN, US  
[71] TYCÓ ELECTRONICS CORPORATION, US  
[85] 2012-05-09  
[86] 2010-12-14 (PCT/US2010/003163)  
[87] 2011-07-21 (WO2011/087480)  
[30] US (12/644,672) 2009-12-22

## Demandes PCT entrant en phase nationale

[21] **2,780,490**  
[13] A1

[51] **Int.Cl. C12N 11/04 (2006.01) C12N 5/07 (2010.01) C12N 5/02 (2006.01) C12N 11/06 (2006.01)**  
[25] EN  
[54] **HYDROGEL-BASED VASCULAR LINEAGE CELL GROWTH MEDIA AND USES THEREOF**  
[54] **MILIEUX DE CROISSANCE DE CELLULES DE LIGNEE VASCULAIRE A BASE D'HYDROGEL ET UTILISATIONS DE CEUX-CI**  
[72] HANJAYA-PUTRA, DONNY, US  
[72] GERECHT, SHARON, US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2012-05-08  
[86] 2010-11-10 (PCT/US2010/056268)  
[87] 2011-05-19 (WO2011/060095)  
[30] US (61/259,821) 2009-11-10

[21] **2,780,491**  
[13] A1

[51] **Int.Cl. C07C 277/08 (2006.01) C07C 279/14 (2006.01)**  
[25] EN  
[54] **METHODS FOR PRODUCTION OF HIGH CONCENTRATION OF ARGININE BICARBONATE SOLUTION AT HIGH PRESSUE**  
[54] **PROCEDES DE PRODUCTION A PRESSION ELEVEE D'UNE SOLUTION DE BICARBONATE D'ARGININE A CONCENTRATION ELEVEE**  
[72] WU, DONGHUI, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2012-05-09  
[86] 2010-12-13 (PCT/US2010/059992)  
[87] 2011-06-23 (WO2011/075422)  
[30] US (61/287,846) 2009-12-18

[21] **2,780,492**  
[13] A1

[51] **Int.Cl. G01N 33/49 (2006.01) G01N 21/25 (2006.01) G01N 33/86 (2006.01)**  
[25] EN  
[54] **PORTABLE COAGULATION MONITORING DEVICE AND METHOD OF ASSESSING COAGULATION RESPONSE**  
[54] **DISPOSITIF DE SURVEILLANCE DE COAGULATION PORTABLE ET PROCEDE D'EVALUATION DE LA REPONSE DE COAGULATION**  
[72] DENNIS, ROBERT GLENN, US  
[72] FISCHER, THOMAS H., US  
[72] DACORTA, JOSEPH A., US  
[71] ENTEGRION, INC., US  
[85] 2012-05-09  
[86] 2010-12-17 (PCT/US2010/060911)  
[87] 2011-06-23 (WO2011/075614)  
[30] US (61/287,780) 2009-12-18

[21] **2,780,493**  
[13] A1

[51] **Int.Cl. C12N 11/08 (2006.01) A61K 9/16 (2006.01) C07K 17/02 (2006.01) C07K 17/08 (2006.01) C12N 11/02 (2006.01)**  
[25] EN  
[54] **DYNAMIC THERMORESPONSIVE NANOPARTICLES FOR STABILIZATION OF ENZYMES AT HIGH TEMPERATURES**  
[54] **NANOPARTICULES THERMOREACTIVES DYNAMIQUES UTILISEES POUR STABILISER DES ENZYMES A DES TEMPERATURES ELEVEES**  
[72] LEECH, ANNA M., US  
[72] WALKER, JEREMY P., US  
[71] ICX-AGENTASE, US  
[85] 2012-05-08  
[86] 2010-11-11 (PCT/US2010/056331)  
[87] 2011-05-19 (WO2011/060129)  
[30] US (61/260,892) 2009-11-13

[21] **2,780,495**  
[13] A1

[51] **Int.Cl. A01N 43/42 (2006.01)**  
[25] EN  
[54] **TIVOZANIB AND TEMSIROLIMUS IN COMBINATION**  
[54] **TIVOZANIB ET TEMSIROLIMUS EN COMBINAISON**  
[72] ESTEVES, W. BROOKE, US  
[72] BHARGAVA, PANKAJ, US  
[72] RYAN, JOHN L., US  
[71] AVEO PHARMACEUTICALS, INC., US  
[85] 2012-05-08  
[86] 2010-11-11 (PCT/US2010/056372)  
[87] 2011-05-19 (WO2011/060162)  
[30] US (61/261,252) 2009-11-13  
[30] US (12/856,414) 2010-08-13

[21] **2,780,496**  
[13] A1

[51] **Int.Cl. H04N 5/232 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR TELEVISION CHANNEL CONTROL**  
[54] **PROCEDE ET SYSTEME DE COMMANDE DE CHAINES DE TELEVISION**  
[72] THOMAS, CHRISTOPHER L., US  
[72] PRITCHETT, DOUGLAS E., US  
[72] LAZENBY, WILLIAM R., US  
[72] POTTER, MICHAEL L., US  
[71] AVOCENT CORPORATION, US  
[85] 2012-05-10  
[86] 2010-10-27 (PCT/US2010/002848)  
[87] 2011-05-19 (WO2011/059476)  
[30] US (12/617,415) 2009-11-12

[21] **2,780,502**  
[13] A1

[51] **Int.Cl. A63C 17/04 (2006.01)**  
[25] EN  
[54] **ROLLER SKATE AND WHEEL TRUCKS THEREFOR**  
[54] **PATIN A ROULETTES ET BLOCS DE ROUES POUR CELUI-CI**  
[72] GREEN, BRIAN, US  
[71] TRISKATE TECHNOLOGY, LLC, US  
[85] 2012-05-10  
[86] 2010-11-16 (PCT/US2010/002992)  
[87] 2011-05-19 (WO2011/059511)  
[30] US (12/590,877) 2009-11-16

## PCT Applications Entering the National Phase

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[21] **2,780,507**  
[13] A1  
[51] **Int.Cl. H04W 4/22 (2009.01) C07G 5/00 (2006.01) H04L 29/08 (2006.01)**  
[25] EN  
[54] **EMERGENCY CALL HYBRID ARCHITECTURE**  
[54] **ARCHITECTURE HYBRIDE D'APPELS D'URGENCE**  
[72] SROCZNSKI, ANDREA, DE  
[72] BERG, SASCHA, DE  
[71] ATX GROUP, INC., US  
[85] 2012-05-10  
[86] 2010-02-26 (PCT/US2010/025514)  
[87] 2011-05-19 (WO2011/059515)  
[30] US (61/259,894) 2009-11-10

---

[21] **2,780,510**  
[13] A1  
[51] **Int.Cl. F21S 8/00 (2006.01) F21K 99/00 (2010.01) F21V 7/00 (2006.01) F21V 29/00 (2006.01)**  
[25] EN  
[54] **LED LIGHT FIXTURE**  
[54] **APPAREIL D'ECLAIRAGE A DEL**  
[72] STEINBERG, GARY ALLEN, US  
[72] WATERS, RODNEY JONATHAN, US  
[72] TONEY, JAMES H., JR., US  
[72] BELKNAP, LEE J., US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2012-05-10  
[86] 2010-09-16 (PCT/US2010/049051)  
[87] 2011-05-19 (WO2011/059560)  
[30] US (12/615,967) 2009-11-10

---

[21] **2,780,512**  
[13] A1  
[51] **Int.Cl. C07K 14/435 (2006.01) C07K 19/00 (2006.01) C12N 15/10 (2006.01) C12N 15/12 (2006.01) G01N 33/52 (2006.01) G01N 33/53 (2006.01)**  
[25] EN  
[54] **ISOLATED AUSTRALIAN CORAL REEF FLUORESCENT PROTEINS AND CELL-BASED KINASE OR PHOSPHATASE PLATFORMS FOR CANCER DRUG DEVELOPMENT**  
[54] **PROTEINES FLUORESCENTES ISOLEES DE RECIF CORALLIEN AUSTRALIEN ET PLATEFORMES DE KINASE OU PHOSPHATASE A BASE CELLULAIRE POUR UN DEVELOPPEMENT DE MEDICAMENTS ANTICANCEREUX**

[72] KAO, HUNG-TEH, US  
[72] GRUBER, DAVID, US  
[72] PIERIBONE, VINCENT, US  
[71] KAO, HUNG-TEH, US  
[71] GRUBER, DAVID, US  
[71] PIERIBONE, VINCENT, US  
[85] 2012-05-10  
[86] 2010-09-16 (PCT/US2010/049181)  
[87] 2011-03-24 (WO2011/035067)  
[30] US (61/243,024) 2009-09-16  
[30] US (61/350,630) 2010-06-02

---

[21] **2,780,516**  
[13] A1  
[51] **Int.Cl. A61M 16/08 (2006.01)**  
[25] EN  
[54] **HEATED CONDUIT FOR RESPIRATORY HUMIDIFICATION**  
[54] **CONDUITE CHAUFFEE POUR HUMIDIFICATION RESPIRATOIRE**  
[72] KORNEFF, NEIL ALEX, US  
[72] WILDAY, REBECCA ANN, US  
[71] CAREFUSION 2200, INC., US  
[85] 2012-05-10  
[86] 2010-10-12 (PCT/US2010/052339)  
[87] 2011-05-19 (WO2011/059622)  
[30] US (12/616,395) 2009-11-11

---

[21] **2,780,519**  
[13] A1  
[51] **Int.Cl. A61M 16/16 (2006.01)**  
[25] EN  
[54] **FLOAT VALVE SYSTEM FOR A RESPIRATORY HUMIDIFICATION SYSTEM**  
[54] **SYSTEME DE SOUPAPE A FLOTTEUR POUR SYSTEME D'HUMIDIFICATION RESPIRATOIRE**  
[72] ZOLLINGER, CHRISTOPHER JESSE, US  
[71] CAREFUSION 2200, INC., US  
[85] 2012-05-10  
[86] 2010-10-12 (PCT/US2010/052342)  
[87] 2011-05-19 (WO2011/059623)  
[30] US (12/616,414) 2009-11-11

---

[21] **2,780,521**  
[13] A1  
[51] **Int.Cl. A62C 4/00 (2006.01)**  
[25] EN  
[54] **INLINE PLUG FLAME ARRESTORS**  
[54] **PARE-FLAMMES A SOUPAPE EN SERIE**  
[72] MOYER, DANIEL GLEN, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2012-05-10  
[86] 2010-10-22 (PCT/US2010/053841)  
[87] 2011-05-19 (WO2011/059676)  
[30] US (12/616,954) 2009-11-12

---

[21] **2,780,524**  
[13] A1  
[51] **Int.Cl. F16K 31/04 (2006.01) F16K 31/50 (2006.01)**  
[25] EN  
[54] **COUPLING APPARATUS FOR USE WITH ELECTRIC ACTUATORS**  
[54] **APPAREIL D'ACCOUPEMENT DESTINE A ETRE UTILISE AVEC DES ACTIONNEURS ELECTRIQUES**  
[72] PESEK, THOMAS, US  
[72] SCHADE, ROSS A., US  
[72] WILKE, GALEN DALE, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2012-05-10  
[86] 2010-10-22 (PCT/US2010/053845)  
[87] 2011-05-19 (WO2011/059677)  
[30] US (12/618,476) 2009-11-13

## Demandes PCT entrant en phase nationale

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[21] **2,780,527**  
[13] A1  
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C07K 14/415 (2006.01)**  
[25] EN  
[54] **SUCROSE TRANSPORTER GENES FOR INCREASING PLANT SEED LIPIDS**  
[54] **GENES DES TRANSPORTEURS DU SACCHAROSE POUR AUGMENTER LES LIPIDES DES GRAINES VEGETALES**  
[72] ALLEN, STEPHEN M., US  
[72] EVERARD, JOHN D., US  
[72] DAMUDE, HOWARD GLENN, US  
[72] YOO, BYUNG-CHUN, US  
[72] MEYER, KNUT, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2012-05-10  
[86] 2010-11-01 (PCT/US2010/054942)  
[87] 2011-05-26 (WO2011/062748)  
[30] US (61/263,660) 2009-11-23

---

[21] **2,780,534**  
[13] A1  
[51] **Int.Cl. G01V 1/28 (2006.01)**  
[25] EN  
[54] **METHOD FOR DETERMINING DISCRETE FRACTURE NETWORKS FROM PASSIVE SEISMIC SIGNALS AND ITS APPLICATION TO SUBSURFACE RESERVOIR SIMULATION**  
[54] **PROCEDE DE DETERMINATION DE RESEAUX DE FRACTURES DISCRETES A PARTIR DE SIGNAUX SISMQUES ET SON APPLICATION A LA SIMULATION DE RESERVOIR DE SUBSURFACE**  
[72] EISNER, LEO, US  
[72] WILLIAMS-STROUD, SHERILYN C., US  
[71] MICROSEISMIC, INC., US  
[85] 2012-05-10  
[86] 2010-11-08 (PCT/US2010/055802)  
[87] 2012-06-14 (WO2012/078128)  
[30] US (12/615,783) 2009-11-10

---

[21] **2,780,538**  
[13] A1  
[51] **Int.Cl. G02B 6/42 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COUPLING OPTICAL SIGNAL WITH PACKAGED CIRCUITS VIA OPTICAL CABLES AND LIGHTGUIDE COUPLERS**  
[54] **PROCEDE ET APPAREIL DE COUPLAGE DE SIGNAL OPTIQUE A DES CIRCUITS SOUS BOITIERS PAR L'INTERMEDIAIRE DE CABLES OPTIQUES ET DE COUPLEURS A GUIDE D'ONDES OPTIQUES**  
[72] ELBERBAUM, DAVID, JP  
[71] ELBEX VIDEO LTD., JP  
[85] 2012-05-10  
[86] 2010-11-09 (PCT/US2010/055894)  
[87] 2011-05-19 (WO2011/059929)  
[30] US (61/260,040) 2009-11-11  
[30] US (12/632,108) 2009-12-07  
[30] US (12/761,484) 2010-04-16

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[21] **2,780,530**  
[13] A1  
[51] **Int.Cl. H04N 7/173 (2011.01)**  
[25] EN  
[54] **MOSAIC APPLICATION FOR GENERATING OUTPUT UTILIZING CONTENT FROM MULTIPLE TELEVISION RECEIVERS**  
[54] **APPLICATION MOSAIQUE PERMETTANT DE GENERER UNE SORTIE UTILISANT UN CONTENU DE TELEVISION**  
[72] MORZOS, ADAM C., US  
[71] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2012-05-10  
[86] 2010-11-04 (PCT/US2010/055477)  
[87] 2011-05-19 (WO2011/059874)  
[30] US (12/618,019) 2009-11-13

---

[21] **2,780,537**  
[13] A1  
[51] **Int.Cl. A61N 1/30 (2006.01) A61N 1/20 (2006.01)**  
[25] EN  
[54] **GALVANIC SKIN TREATMENT DEVICE**  
[54] **DISPOSITIF GALVANIQUE POUR LE TRAITEMENT DE LA PEAU**  
[72] SUN, YING, US  
[72] GILLESPIE, RONALD J., US  
[72] LIU, JUE-CHEN, US  
[72] LOY, CHONG JIN, SG  
[72] SALIOU, CLAUDE, US  
[72] FASSIH, ALI, US  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[85] 2012-05-10  
[86] 2010-11-08 (PCT/US2010/055819)  
[87] 2011-05-19 (WO2011/059915)  
[30] US (61/261,084) 2009-11-13

---

[21] **2,780,541**  
[13] A1  
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 13/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR EXPANDING, IDENTIFYING, CHARACTERIZING AND ENHANCING POTENCY OF MAMMALIAN-DERIVED GLIAL RESTRICTED PROGENITOR CELLS**  
[54] **PROCEDES ET COMPOSITIONS POUR EXPANSER, IDENTIFIER, CARACTERISER, ET AMELIORER LA PUISSANCE DE CELLULES PROGENITRICES RESTREINTES AUX CELLULES GLIALES DERIVEES DE MAMMIFERES**  
[72] CAMPANELLI, JAMES T., US  
[72] SANDROCK, ROBERT, US  
[72] EPPSTEIN, DEBORAH A., US  
[71] Q THERAPEUTICS, INC., US  
[85] 2012-05-10  
[86] 2010-11-09 (PCT/US2010/055956)  
[87] 2011-05-19 (WO2011/059952)  
[30] US (61/260,441) 2009-11-12  
[30] US (61/326,799) 2010-04-22

## PCT Applications Entering the National Phase

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[21] **2,780,544**

[13] A1

[51] **Int.Cl. A47G 21/18 (2006.01) B65D 47/20 (2006.01)**

[25] EN

[54] **SNAP-FIT VALVE AND STRAW ASSEMBLY AND METHOD OF USING SAME**

[54] **ENSEMBLE VALVE ET PAILLE ENCLIQUETABLE ET PROCEDURE D'UTILISATION DE CET ENSEMBLE**

[72] CROSBY, SAMUEL CLIFFORD, US

[72] STRIBLING, ROBERT PATTON, US

[71] THE LAST STRAW LLC, US

[85] 2012-05-10

[86] 2010-11-09 (PCT/US2010/055974)

[87] 2011-05-19 (WO2011/059960)

[30] US (12/616,596) 2009-11-11

---

[21] **2,780,547**

[13] A1

[51] **Int.Cl. C07D 487/10 (2006.01) A61K 31/407 (2006.01) A61P 35/00 (2006.01) C07D 491/107 (2006.01) C07D 495/10 (2006.01)**

[25] EN

[54] **SPIRO-OXINDOLE MDM2 ANTAGONISTS**

[54] **ANTAGONISTES, DE TYPE SPIRO-OXINDOLE, DE L'ONCOPROTEINE MDM2**

[72] ZOU, PENG, US

[72] SUN, DUXIN, US

[72] ZHAO, YUJUN, US

[72] MCEACHERN, DONNA, US

[72] KUMAR, SANJEEV, US

[72] YU, SHANGHAI, US

[72] SUN, WEI, US

[72] WANG, SHAOMENG, US

[71] THE REGENTS OF THE

UNIVERSITY OF MICHIGAN, US

[85] 2012-05-10

[86] 2010-11-10 (PCT/US2010/056197)

[87] 2011-05-19 (WO2011/060049)

[30] US (61/260,685) 2009-11-12

[30] US (61/263,662) 2009-11-23

---

[21] **2,780,549**

[13] A1

[51] **Int.Cl. C12N 5/0789 (2010.01) C12N 5/071 (2010.01) C12N 5/077 (2010.01) C12N 5/0775 (2010.01) C12N 5/0797 (2010.01) C12N 5/00 (2006.01)**

[25] EN

[54] **SUBPOPULATIONS OF SPORE-LIKE CELLS AND USES THEREOF**

[54] **SOUS-POPULATIONS DE CELLULES DU TYPE SPORE ET LEURS UTILISATIONS**

[72] VACANTI, MARTIN P., US

[72] VACANTI, CHARLES A., US

[71] VBI TECHNOLOGIES, LLC, US

[85] 2012-05-10

[86] 2010-11-11 (PCT/US2010/056340)

[87] 2011-05-19 (WO2011/060135)

[30] US (61/260,607) 2009-11-12

# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

<p>[21] <b>2,777,737</b> [13] A1</p> <p>[51] <b>Int.Cl. G01N 33/46 (2006.01)</b> [25] EN [54] <b>SYSTEMS AND METHODS FOR CHARACTERIZING WOOD FURNISH</b> [54] <b>SYSTEMES ET METHODES DE CARACTERISATION D'UNE MASSE DE PARTICULES LIGNEUSES</b> [72] GROVES, CONRAD KEVIN, CA [72] DAI, CHUNPING, CA [71] FPINNOVATIONS, CA [22] 2008-11-20 [41] 2009-06-13 [62] 2,644,352 [30] US (11/955,731) 2007-12-13</p>	<p>[21] <b>2,778,790</b> [13] A1</p> <p>[51] <b>Int.Cl. G10L 11/06 (2006.01)</b> [25] EN [54] <b>SYSTEMS, METHODS, AND APPARATUS FOR WIDEBAND ENCODING AND DECODING OF INACTIVE FRAMES</b> [54] <b>SYSTEMES, PROCEDES ET APPAREIL DE CODAGE ET DE DECODAGE A LARGE BANDE DE TRAMES INACTIVES</b> [72] KANDHADAI, ANANTHAPADMANABHAN A., US [72] RAJENDRAN, VIVEK, US [71] QUALCOMM INCORPORATED, US [22] 2007-07-31 [41] 2008-02-07 [62] 2,657,412 [30] US (60/834,688) 2006-07-31 [30] US (11/830,812) 2007-07-30</p>	<p>[21] <b>2,778,808</b> [13] A1</p> <p>[51] <b>Int.Cl. G01P 1/12 (2006.01) A42B 3/04 (2006.01) A61B 5/11 (2006.01) F41H 1/04 (2006.01)</b> [25] EN [54] <b>APPARATUS FOR MEASURING DATA FOR INJURY ANALYSIS WITH POWER MANAGEMENT</b> [54] <b>APPAREIL DE MESURE DE DONNEES PERMETTANT D'ANALYSER LES BLESSURES AVEC FONCTION DE GESTION DE LA PUISSANCE</b> [72] CROSSMAN, DANIEL, CA [72] HERDIC, PETER, US [72] CHIN, LOCK-SUI, CA [72] BERDOZ, ALAIN, US [72] DIONNE, JEAN-PHILLIPE, CA [72] WONG, DOUG, CA [72] LEVINE, JEFFREY, CA [72] BRYERS, JEFFREY, US [72] HUBLER, GRAHAM, US [72] HOUSTON, BRIAN, US [72] CORSARO, ROBERT, US [72] KOST, JASON, US [72] OPACHIO, KENNY, US [72] FRANK, PHIL, US [71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US [71] ALLEN-VANGUARD CORPORATION, CA [22] 2008-12-08 [41] 2009-06-11 [62] 2,708,012 [30] US (60/996,855) 2007-12-07</p>
<p>[21] <b>2,778,381</b> [13] A1</p> <p>[51] <b>Int.Cl. A23L 1/308 (2006.01) A61K 31/723 (2006.01) A61K 31/734 (2006.01) A61K 31/736 (2006.01) A61P 3/04 (2006.01)</b> [25] EN [54] <b>DIETARY SUPPLEMENT, AND METHODS OF USE</b> [54] <b>COMPLEMENT ALIMENTAIRE ET SES METHODES D'UTILISATION</b> [72] LYON, MICHAEL, CA [72] LEE, NICOLE, CA [72] GAHLER, ROLAND J., CA [71] INOVOBIOLOGIC, INC., CA [22] 2006-04-10 [41] 2006-10-19 [62] 2,604,253 [30] US (60/670,944) 2005-04-12</p>	<p>[21] <b>2,778,805</b> [13] A1</p> <p>[51] <b>Int.Cl. H04L 9/32 (2006.01) H04L 9/28 (2006.01) H04L 9/30 (2006.01)</b> [25] EN [54] <b>SAVING AND RETRIEVING DATA BASED ON PUBLIC KEY ENCRYPTION</b> [54] <b>ENREGISTREMENT ET RECUPERATION DE DONNEES CRYPTÉES PAR CLE PUBLIQUE</b> [72] PEINADA, MARCUS, US [72] ENGLAND, PAUL, US [71] MICROSOFT CORPORATION, US [22] 2003-04-09 [41] 2003-10-17 [62] 2,425,010 [30] US (60/373,505) 2002-04-17</p>	

## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,778,883**  
[13] A1

[51] **Int.Cl. G01P 21/00 (2006.01) A42B 3/04 (2006.01) A61B 5/11 (2006.01) F41H 1/04 (2006.01) G01P 15/00 (2006.01)**  
[25] EN  
[54] **A METHOD OF CALIBRATING A DATA RECORDING UNIT**  
[54] **METHODE D'ETALONNAGE D'UN ENREGISTREUR DE DONNEES**  
[72] CROSSMAN, DANIEL, CA  
[72] HERDIC, PETER, US  
[72] BERDOZ, ALAIN, US  
[72] HOUSTON, BRIAN, US  
[72] CORSARO, ROBERT, US  
[72] OPACHKO, KENNY, US  
[72] KOST, JASON, US  
[72] FRANK, PHIL, US  
[72] LEVINE, JEFFREY, CA  
[72] CHIN, LOCK-SUI, CA  
[72] HUBLER, GRAHAM, US  
[72] DIONNE, JEAN-PHILLIPE, CA  
[72] WONG, DOUG, CA  
[72] BRYERS, JEFFREY, US  
[71] ALLEN-VANGUARD CORPORATION, CA  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[22] 2008-12-08  
[41] 2009-06-11  
[62] 2,708,012  
[30] US (60/996,855) 2007-12-07

[21] **2,779,044**  
[13] A1

[51] **Int.Cl. A61F 6/22 (2006.01) A61B 1/00 (2006.01) A61B 1/018 (2006.01) A61B 1/303 (2006.01) A61B 17/12 (2006.01)**  
[25] EN  
[54] **ENDOSCOPIC DELIVERY OF MEDICAL DEVICES**  
[54] **DISPOSITIFS MEDICAUX D'ADMINISTRATION ENDOSCOPIQUE**  
[72] KEMP, LAURA, US  
[72] STULL, PAUL M., US  
[72] CALLISTER, JEFFREY P., US  
[72] TREMULIS, WILLIAM S., US  
[71] CONCEPTUS, INC., US  
[22] 2005-04-27  
[41] 2005-11-24  
[62] 2,564,133  
[30] US (60/566,190) 2004-04-28

[21] **2,779,046**  
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01)**  
[25] EN  
[54] **LAPAROSCOPIC INSERTION DEVICE**  
[54] **DISPOSITIF D'INSERTION LAPAROSCOPIQUE**  
[72] MANTELL, ROBERT R., US  
[72] MANZIE, PETER A., US  
[71] NORTHGATE TECHNOLOGIES, INC., US  
[22] 2002-04-22  
[41] 2002-10-31  
[62] 2,444,303  
[30] US (09/841,125) 2001-04-24

[21] **2,779,057**  
[13] A1

[51] **Int.Cl. A61F 13/26 (2006.01) A61F 13/32 (2006.01)**  
[25] EN  
[54] **TAMPON APPLICATOR FINGERGRIP HAVING ONE OR MORE FLARED PORTIONS**  
[54] **DISPOSITIF D'INSERTION D'UN TAMPON PERMETTANT UN MEILLEUR POSITIONNEMENT DU TAMPON ET UN MEILLEUR CONTROLE**  
[72] JORGENSEN, ROBERT, US  
[72] EDGETT, KEITH, US  
[72] DOUGHERTY, EUGENE P., JR., US  
[71] PLAYTEX PRODUCTS, INC., US  
[22] 2007-08-03  
[41] 2008-02-14  
[62] 2,659,887  
[30] US (60/835,638) 2006-08-04

[21] **2,779,458**  
[13] A1

[51] **Int.Cl. A61F 2/84 (2006.01)**  
[25] EN  
[54] **STENT DELIVERY AND DEPLOYMENT SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION ET DE DEPLOIEMENT D'ENDOPROTHESE VASCULAIRE**  
[72] KOSS, ALEXANDER K., US  
[72] SILVERMAN, JAMES D., US  
[71] GORE ENTERPRISE HOLDINGS, INC., US  
[22] 2008-05-05  
[41] 2008-11-13  
[62] 2,685,336  
[30] US (11/745,347) 2007-05-07

[21] **2,779,462**  
[13] A1

[51] **Int.Cl. G01N 29/12 (2006.01) A61B 8/00 (2006.01) E02D 1/00 (2006.01) G01V 1/30 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MONITORING OF FLUID-FILLED DOMAINS IN A MEDIUM BASED ON INTERFACE WAVES PROPAGATING ALONG THEIR SURFACES**  
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE DOMAINES REMPLIS DE LIQUIDE DANS UN MILIEU SUR LA BASE DES ONDES D'INTERFACE SE PROPAGEANT SUR LEURS SURFACES**  
[72] BESSON, CHRISTIAN, FR  
[72] SEGAL, ARKADY, RU  
[72] THIERCELIN, MARC JEAN, FR  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2005-04-20  
[41] 2005-11-03  
[62] 2,563,300  
[30] RU (2004112559) 2004-04-23  
[30] US (10/935,504) 2004-09-07  
[30] GB (0419925.3) 2004-09-08

[21] **2,779,465**  
[13] A1

[51] **Int.Cl. G01N 27/403 (2006.01) A61B 5/1477 (2006.01) G01N 33/487 (2006.01) G01N 33/64 (2006.01) G01N 33/66 (2006.01)**  
[25] EN  
[54] **IN VITRO ANALYTE SENSOR AND METHODS OF USE**  
[54] **CAPTEUR DE SUBSTANCE A ANALYSER IN VITRO ET PROCEDES D'UTILISATION**  
[72] FELDMAN, BENJAMIN J., US  
[72] WANG, YI, US  
[71] ABBOTT DIABETES CARE, INC., US  
[22] 2006-09-25  
[41] 2007-04-05  
[62] 2,621,237  
[30] US (11/237,447) 2005-09-27

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,779,467**  
[13] A1

[51] **Int.Cl. A01K 61/02 (2006.01)**  
[25] EN  
[54] **AN OFFSHORE AQUACULTURE SYSTEM**  
[54] **SYSTEME D'AQUACULTURE EN MER**  
[72] HARRISON, JEFF, CA  
[72] HOAR, DAVID, CA  
[72] DOBSON, PHILLIP, CA  
[71] AEG INNOVATION & DESIGN INC., CA  
[22] 2005-05-31  
[41] 2005-12-15  
[62] 2,569,383  
[30] CA (2,469,601) 2004-06-02

[21] **2,779,470**  
[13] A1

[51] **Int.Cl. A61C 7/00 (2006.01) A61C 7/08 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING DATA SET REPRESENTING A TOOTH ARRANGEMENT**  
[54] **PROCEDE ET SYSTEME DE REPOSITIONNEMENT PROGRESSIF DES DENTS**  
[72] CHISHTI, MUHAMMAD, US  
[72] LERIOS, APOSTOLOS, US  
[72] WIRTH, KELSEY, US  
[72] RIDGLEY, RICHARD, US  
[72] FREYBURGER, BRIAN, US  
[71] ALIGN TECHNOLOGY, INC., US  
[22] 1998-06-19  
[41] 1998-12-30  
[62] 2,654,854  
[30] US (60/050,342) 1997-06-20  
[30] US (08/947,080) 1997-10-08

[21] **2,779,486**  
[13] A1

[51] **Int.Cl. H04N 11/02 (2006.01)**  
[25] EN  
[54] **MOTION PICTURE ENCODING DEVICE AND MOTION PICTURE DECODING DEVICE**  
[54] **DISPOSITIF DE CODAGE DE FILM CINEMATOGRAPHIQUE ET DISPOSITIF DE DECODAGE DE FILM CINEMATOGRAPHIQUE**  
[72] MIYOSHI, HIDENOBU, JP  
[72] NAKAGAWA, AKIRA, JP  
[71] FUJITSU LIMITED, JP  
[22] 2003-09-05  
[41] 2004-03-06  
[62] 2,591,655  
[30] JP (2002-261427) 2002-09-06  
[30] JP (2003-289350) 2003-08-07

[21] **2,779,510**  
[13] A1

[51] **Int.Cl. H04W 68/00 (2009.01) H04W 52/44 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PAGING GROUP HANDLING**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE GROUPE DE RADIOMESSAGERIE**  
[72] TERRY, STEPHEN E., US  
[72] WANG, PETER S., US  
[72] WANG, JIN, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[22] 2008-01-31  
[41] 2008-08-07  
[62] 2,677,035  
[30] US (60/887,440) 2007-01-31

[21] **2,779,549**  
[13] A1

[51] **Int.Cl. C12N 15/53 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C11B 3/00 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01)**  
[25] EN  
[54] **GENES FOR DESATURASES TO ALTER LIPID PROFILES IN CORN**  
[54] **GENES DE DESATURASES POUR MODIFIER LES PROFILS LIPIDIQUES DANS LE MAIS**  
[72] SHEN, JENNIE BIH-JIEN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 1999-06-09  
[41] 1999-12-16  
[62] 2,327,529  
[30] US (60/088,987) 1998-06-11

[21] **2,779,554**  
[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND KITS FOR DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION**  
[54] **COMPOSITIONS ET TROUSSES POUR LA DETECTION DU VIH-1 PAR AMPLIFICATION D'ACIDES NUCLEIQUES**  
[72] BEE, GARY G., US  
[72] KOLK, DAN P., US  
[72] YANG, YEASING Y., US  
[72] MCDONOUGH, SHERROL H., US  
[72] GIACHETTI, CRISTINA, US  
[71] GEN-PROBE INCORPORATED, US  
[22] 2000-07-07  
[41] 2001-01-18  
[62] 2,374,385  
[30] US (60/143,072) 1999-07-09

[21] **2,779,555**  
[13] A1

[51] **Int.Cl. E04D 1/22 (2006.01) E04G 21/00 (2006.01)**  
[25] EN  
[54] **ROOFING SHINGLE**  
[54] **BARDEAU POUR TOITURE**  
[72] SEBUKTEKIN, ATILLA, US  
[72] SIELING, FREDERICK W., US  
[72] RODRIGUES, TOMMY, US  
[72] KERKAR, AWDHOOT VASANT, US  
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US  
[22] 2005-01-28  
[41] 2005-09-01  
[62] 2,554,474  
[30] US (10/777,950) 2004-02-12

## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **2,779,559**  
[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**  
[25] EN  
[54] **VARIANT FC REGIONS**  
[54] **REGIONS FC DE VARIANTS**  
[72] ALLAN, BARRETT, US  
[72] TANG, YING, US  
[72] JIANG, WEIDONG, US  
[72] WATKINS, JEFFREY DEAN, US  
[71] APPLIED MOLECULAR EVOLUTION INC., US  
[22] 2005-07-18  
[41] 2006-02-23  
[62] 2,573,192  
[30] US (60/598,855) 2004-08-04  
[30] US (60/602,953) 2004-08-19  
[30] US (60/604,339) 2004-08-25  
[30] US (60/609,101) 2004-09-10  
[30] US (60/638,442) 2004-12-23  
[30] US (60/643,718) 2005-01-13

[21] **2,779,561**  
[13] A1

[51] **Int.Cl. A61M 5/178 (2006.01) A61M 5/28 (2006.01) A61M 5/32 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHODS FOR DELIVERING FLUID AND MATERIAL TO A SUBJECT**  
[54] **APPAREIL ET PROCEDES POUR DELIVRER UN FLUIDE ET UNE MATIERE A UN SUJET**  
[72] SU, YANDONG, US  
[72] STENN, KURT STRICKER, US  
[72] MARSHALL, BRYAN, US  
[72] COCHRAN, STEPHEN A., US  
[72] WASHENIK, KENNETH JUSTIN, US  
[72] RATHGEBER, MARTIN, US  
[72] PROKOP, GARY F., US  
[72] DEPIANO, JOHN, US  
[72] PRUITT, TERRELL, US  
[71] ADERANS RESEARCH INSTITUTE, INC., US  
[22] 2007-02-08  
[41] 2007-08-16  
[62] 2,642,129  
[30] US (60/771,915) 2006-02-09  
[30] US (60/791,489) 2006-04-12  
[30] US (61/803,248) 2006-05-26

[21] **2,779,567**  
[13] A1

[51] **Int.Cl. G01N 3/56 (2006.01) A61B 8/00 (2006.01) E02D 1/00 (2006.01) E21B 47/10 (2012.01) G01V 1/30 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MONITORING OF FLUID-FILLED DOMAINS IN A MEDIUM BASED ON INTERFACE WAVES PROPAGATING ALONG THEIR SURFACES**  
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE DOMAINES REMPLIS DE LIQUIDE DANS UN MILIEU SUR LA BASE DES ONDES D'INTERFACE SE PROPAGEANT SUR LEURS SURFACES**  
[72] BESSON, CHRISTIAN, FR  
[72] SEGAL, ARKADY, RU  
[72] THIERCELIN, MARC JEAN, FR  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2005-04-20  
[41] 2005-11-03  
[62] 2,563,300  
[30] RU (2004112559) 2004-04-23  
[30] US (10/935,504) 2004-09-07  
[30] GB (0419925.3) 2004-09-08

[21] **2,779,575**  
[13] A1

[51] **Int.Cl. G01R 31/44 (2006.01) G01R 33/46 (2006.01) G01V 3/32 (2006.01)**  
[25] EN  
[54] **NUCLEAR MAGNETIC RESONANCE MEASUREMENT TECHNIQUES IN NON-UNIFORM FIELDS**  
[54] **TECHNIQUES DE MESURE PAR RESONANCE MAGNETIQUE NUCLEAIRE DANS DES CHAMPS NON UNIFORMES**  
[72] SONG, YI-QIAO, US  
[72] CAUDAL, NICOLAS, FR  
[72] SIGMUND, ERIC E., US  
[72] HUERLIMANN, MARTIN, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2007-07-25  
[41] 2008-01-31  
[62] 2,594,954  
[30] US (11/496,557) 2006-07-31

[21] **2,779,585**  
[13] A1

[51] **Int.Cl. A61H 31/00 (2006.01)**  
[25] EN  
[54] **COMPRESSION BELT SYSTEM FOR USE WITH CHEST COMPRESSION DEVICES**  
[54] **SYSTEME DE COURROIE DE COMPRESSION A UTILISER AVEC DES DISPOSITIFS DE COMPRESSION THORACIQUE**  
[72] KATZ, BOB H., US  
[72] ESCUDERO, PAUL Q., US  
[72] QUINTANA, REYNALDO J., US  
[72] SWINEHART, CHARLES E., US  
[72] HALL, GREGORY W., US  
[72] DALBEC, TIMOTHY R., US  
[71] ZOLL CIRCULATION, INC., US  
[22] 2004-10-14  
[41] 2005-04-28  
[62] 2,551,804  
[30] US (10/686,184) 2003-10-14  
[30] US (10/686,185) 2003-10-14  
[30] US (10/686,186) 2003-10-14

[21] **2,779,594**  
[13] A1

[51] **Int.Cl. G01N 19/08 (2006.01) E02D 1/00 (2006.01) E21B 47/10 (2012.01) G01N 11/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MONITORING OF FLUID-FILLED DOMAINS IN A MEDIUM BASED ON INTERFACE WAVES PROPAGATING ALONG THEIR SURFACES**  
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE DOMAINES REMPLIS DE LIQUIDE DANS UN MILIEU SUR LA BASE DES ONDES D'INTERFACE SE PROPAGEANT SUR LEURS SURFACES**  
[72] BESSON, CHRISTIAN, FR  
[72] THIERCELIN, MARC JEAN, FR  
[72] SEGAL, ARKADY, RU  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2005-04-20  
[41] 2005-11-03  
[62] 2,563,300  
[30] RU (2004112559) 2004-04-23  
[30] US (10/935,504) 2004-09-07  
[30] GB (0419925.3) 2004-09-08

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,779,624**

[13] A1

[51] **Int.Cl. C09J 7/02 (2006.01) B32B 5/08 (2006.01) B32B 7/12 (2006.01) B65B 11/00 (2006.01)**

[25] EN

[54] **TAPE WITH A LONGITUDINALLY EXTENDING FILAMENT**

[54] **EMBALLAGE D'OBJET AVEC UN FILM FAISANT APPEL A UN RUBAN POUR COUPER LE FILM**

[72] AMBORSKY, ROBERT, CA

[72] VANDENBERGHE, GARRY

CYRILLE ALFRED, CA

[71] VANDENBERGHE, GARRY

CYRILLE ALFRED, CA

[22] 2009-10-16

[41] 2011-01-20

[62] 2,686,003

[30] US (61/226,947) 2009-07-20

[21] **2,779,630**

[13] A1

[51] **Int.Cl. A61K 31/58 (2006.01) A61K 31/55 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **COMBINATION OF AZELASTINE AND STEROIDS**

[54] **ASSOCIATION D'AZELASTINE ET DE STEROIDES**

[72] MALHOTRA, GEENA, IN

[72] LULLA, AMAR, IN

[71] CIPLA LIMITED, IN

[22] 2003-06-13

[41] 2003-12-24

[62] 2,489,427

[30] GB (0213739.6) 2002-06-14

[21] **2,779,633**

[13] A1

[51] **Int.Cl. A61K 31/573 (2006.01) A61K 31/55 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **COMBINATION OF AZELASTINE AND STEROIDS**

[54] **ASSOCIATION D'AZELASTINE ET DE STEROIDES**

[72] MALHOTRA, GEENA, IN

[72] LULLA, AMAR, IN

[71] CIPLA LIMITED, IN

[22] 2003-06-13

[41] 2003-12-24

[62] 2,489,427

[30] GB (0213739.6) 2002-06-14

[21] **2,779,639**

[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 49/22 (2006.01) C07K 1/13 (2006.01) C07K 14/475 (2006.01) C07K 14/705 (2006.01) C07K 16/46 (2006.01)**

[25] EN

[54] **MULTIVALENT CONSTRUCTS FOR THERAPEUTIC AND DIAGNOSTIC APPLICATIONS**

[54] **PRODUITS DE SYNTHESE MULTIVALENTS POUR APPLICATIONS THERAPEUTIQUES ET DIAGNOSTIQUES**

[72] SONG, BO, US

[72] ARBOGAST, CHRISTOPHE, FR

[72] SWENSON, ROLF E., US

[72] LINDER, KAREN E., US

[72] FAN, HONG, US

[72] NANJAPPAN, PALANIAPPA, US

[72] POCHON, SYBILLE, CH

[72] MARINELLI, EDMUND R., US

[72] SHRIVASTAVA, AJAY, US

[72] VON WRONSKI, MATHEW A., US

[72] RAMALINGAM, KONDAREDDIAR,

US

[72] SATO, AARON, US

[72] NUNN, ADRIAN, US

[72] BUSSAT, PHILIPPE, FR

[72] DRANSFIELD, DANIEL T., US

[72] PILLAI, RADHAKRISHNA, US

[72] WALKER, SHARON MICHELE, US

[72] YANG, FENG, CH

[71] BRACCO SUISSE S.A., CH

[71] DYAX CORPORATION, US

[22] 2003-03-03

[41] 2003-10-16

[62] 2,477,935

[30] US (60/360,821) 2002-03-01

[30] US (60/440,201) 2003-01-15

[21] **2,779,653**

[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01)**

[25] EN

[54] **DIAGNOSTIC ASSAYS FOR PARVOVIRUS B19**

[54] **METHODES DIAGNOSTIQUES POUR LA DETECTION DU PARVOVIRUS B19**

[72] PICHUANES, SERGIO, US

[72] SHYAMALA, VENKATAKRISHNA,

US

[71] NOVARTIS VACCINES AND

DIAGNOSTICS INC., US

[22] 2002-06-28

[41] 2003-01-09

[62] 2,451,756

[30] US (60/302,077) 2001-06-28

[30] US (60/365,956) 2002-03-19

[30] US (60/369,224) 2002-03-29

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VALENTI, MICHAEL A.	2,673,239	WANG, JUN	2,474,267		
VALLOUREC MANNESMANN OIL & GAS FRANCE	2,420,347	WANG, WEI	2,441,185		
VAN BRANDT, SVEN FRANCISCUS ANNA	2,476,065	WATANABE, KENJIRO	2,610,170		
VAN DER VEEN, PETER H.	2,596,434	WATSON, TIMOTHY F.	2,442,471		
VAN EMELÉN, KRISTOF	2,476,065	WEEMS INDUSTRIES, INC., D/ B/A/ LEGACY MANUFACTURING COMPANY	2,549,264		
VAN GIJLSWIJK, ROBERTUS PETRUS MARIA	2,448,587	WEEMS, R. MARK	2,549,264		
VAN REEMPTS, JOZEF LEO HENRI	2,690,483	WEIKARD, JAN	2,489,261		
VAN ROSSEM, KOENRAAD ARTHUR	2,690,483	WEINGARTNER, FRANZ	2,501,138		
VAN SWIETEN, ANDREAS PETRUS	2,524,135	WELLS, THOMAS ALLEN	2,509,743		
VANDECASSERIE, CHRISTIAN	2,495,214	WELSH, JAMES	2,483,800		
VANDENWAUVER, MARK	2,528,486	WELTY, RICHARD P.	2,549,981		
VANDERSTICHELE, HUGO	2,411,584	WEN, GEYI	2,639,203		
VANDUFFEL, KOEN ANTOON KORNELIS	2,524,135	WESTGATE BIOLOGICAL LIMITED	2,458,146		
VANMECHELEN, EUGEN	2,411,584	WESTMIJZE, HANS	2,524,135		
VANPEENE, CHRISTIAN	2,526,060	WETZEL, JOHN E.	2,419,056		
VAPOR TECHNOLOGIES, INC.	2,549,981	WEVERS, RONALD	2,656,615		
VAPOR TECHNOLOGIES, INC.	2,570,977	WHELAN, TOM	2,520,984		
VEDANTHAM, RAMANUJAM	2,673,660	WHITECHURCH, TIMOTHY A.	2,548,688		
VEDANTHAM, RAMANUJAM	2,673,662	WHITEHEAD, JOHN	2,444,108		
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VERDILLON, LIONEL	2,420,347	WILHELMS, ARND	2,568,574		
VERDONCK, MARC GUSTAAF CELINE	2,476,065	WILHELMS, ARND	2,569,954		
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VETESNIK, JAN	2,513,283	WILLIAMS, DAVID L.	2,609,822		
VEUSKENS, JACKY THEO MARIA	2,448,587	WIND SMART INC.	2,486,181		
VICTAULIC COMPANY	2,566,697	WM. WRIGLEY JR. COMPANY	2,629,957		
VICTAULIC COMPANY	2,749,222	WOJCIECHOWSKI, TIMOTHY J.	2,579,439		
VICTORY, SAM	2,444,108	WOKAS, WILLIAM J.	2,629,957		
VIRCO BVBA	2,415,832	WOLFE, JOHN H.	2,339,411		
VIRCO BVBA	2,425,772	WONG, DANIEL	2,598,916		
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VOLPI, PIERO	2,608,464	WOOLDRIDGE, JOSEPH B.	2,491,352		
VOLVO GROUP NORTH AMERICA, LLC	2,488,529	WYVRATT, MATTHEW J.	2,517,427		
VON WRONSKI, MATHEW A.	2,410,887	X-ZELL BIOTECH LTD.	2,698,699		
		XIONG, CHENGQI	2,564,887		
		XU, JIANHONG	2,659,126		
		XU, QIUPING	2,564,887		
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		YAMADA, SATOKO	2,553,234		
		YAMAMURA, HISAKO	2,471,822		
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		YANG, JIACHENG	2,544,202		
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PRODUCTS LLC	2,763,210	SOLUTIONS, INC.	EITEL, ROBERT T.	2,762,392
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AIRBUS OPERATIONS SAS	2,762,963	CIECHANOWSKI,	EMERY, CATHY DIANE	2,752,977
ALMALKI, NAZIH	2,758,766	DOMINIQUE	EMERY, CATHY DIANE	2,752,987
ALMALKI, NAZIH	2,763,104	CIECHANOWSKI,	EMERY, CATHY DIANE	2,752,993
ALSTOM HYDRO FRANCE	2,762,631	DOMINIQUE	EMERY, CATHY DIANE	2,752,994
ANAND, ASHOK KUMAR	2,763,323	CNH AMERICAN LLC	EMERY, CATHY DIANE	2,753,003
ANDERSON, RICHARD	2,762,884	CNH CANADA, LTD.	FADER, JOSEPH	2,757,795
ANDERTON, ALEXANDER		CNH CANADA, LTD.	FCI HOLDINGS DELWARE,	
RENE	2,762,631	CNH CANADA, LTD.	INC.	2,763,338
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BARTLETT, ROBERT F.	2,727,638	CNH CANADA, LTD.	STEVEN	2,762,867
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BAUER, OTO	2,762,876	CNH CANADA, LTD.	FIDANI, ALAIN	2,763,154
BEHNKE, ROBERT J., II	2,763,152	CNH CANADA, LTD.	FIDLER, ELI J.	2,763,159
BELANGER, GERMAIN	2,750,108	COLLINS, PERRY S.	FIDLER, ELI J.	2,763,349
BENSMAN, MARK	2,762,511	CONOCOPHILLIPS	FILES, JACE WILLIAM	2,762,704
BILODEAU, ANDRE	2,775,167	COMPANY	FINCH, MICHAEL FRANCIS	2,752,946
BINGHAM, DAVID C.	2,752,946	CORMIER, JEAN-PHILIPPE	FINCH, MICHAEL FRANCIS	2,752,977
BINGHAM, DAVID C.	2,752,977	PAUL	FINCH, MICHAEL FRANCIS	2,752,987
BINGHAM, DAVID C.	2,752,987	COUGHTREY, CHRISTOPHER	FINCH, MICHAEL FRANCIS	2,752,993
BINGHAM, DAVID C.	2,752,993	GLENN	FINCH, MICHAEL FRANCIS	2,752,994
BINGHAM, DAVID C.	2,752,994	CROUCH, JAMES T.	FINCH, MICHAEL FRANCIS	2,753,003
BINGHAM, DAVID C.	2,753,003	DAMROW, DAVID R.	FINCH, MICHAEL FRANCIS	2,753,003
BORST, KARL JOSEPH	2,763,326	DANT, RYAN T.	FISHER, JOHN	2,763,318
BROOKS, HAROLD ALBERT	2,761,468	DANT, RYAN T.	FLEMING, ALISTAIR IAN	2,756,317
BROWN, DAVID A.	2,764,343	DANT, RYAN T.	FORIMPEX INC.	2,775,167
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RICHARD	2,762,747	DE RUIJTER, COR	FRIGGSTAD, TERRANCE A.	2,748,075
BULTMAN, ROBERT		DE RUIJTER, COR	FRIGGSTAD, TERRANCE A.	2,748,120
MARTEN	2,752,946	DE RUIJTER, COR	FRIGGSTAD, TERRANCE A.	2,748,649
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BULTMAN, ROBERT		DORTON, MICHAEL R.	GALLAND, REGIS	2,763,217
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C.G. AIR SYSTEMES INC.	2,775,160	DRAKE, JEFF DONALD	GANZ,	2,763,326
C.G. AIR SYSTEMES INC.	2,775,240	DRAKE, JEFF DONALD	GANZ, HOWARD	2,763,277
CAI, JUN HAO	2,756,949	DRAKE, JEFF DONALD	GANZ, HOWARD	2,763,326
CAL-SCAN SERVICES LTD.	2,727,208	DRAKE, JEFF DONALD	GARDNER, GARY L., SR.	2,763,380
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			GE AVIATION SYSTEMS LLC	2,763,334

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GENERAL ELECTRIC COMPANY	2,752,977	HILLIER, PETER MATTHEW	2,747,290	KOWALCHUK, TREVOR	2,746,376
GENERAL ELECTRIC COMPANY	2,752,987	HOBBS, JEFFREY	2,747,108	KRAY, NICHOLAS	2,762,790
GENERAL ELECTRIC COMPANY	2,752,993	HOBBS, JEFFREY	2,747,620	KRISHNAMOORTHY, HARISH SARMA	2,762,776
GENERAL ELECTRIC COMPANY	2,752,994	HODOTSUKA, MASATOSHI	2,763,176	KUMAR, SURENDER	2,756,788
GENERAL ELECTRIC COMPANY	2,753,003	HOFMAN, HENK	2,775,130	KUNKEL, DAVID P.	2,763,094
GENERAL ELECTRIC COMPANY	2,762,747	HOFMAN, HENK	2,775,132	LABIB, LEAH	2,727,638
GENERAL ELECTRIC COMPANY	2,762,769	HOFMAN, HENK	2,775,169	LANE, MARVIN	2,730,642
GENERAL ELECTRIC COMPANY	2,762,773	HOFMAN, HENK	2,775,177	LANTERNA, FLORENT	2,762,963
GENERAL ELECTRIC COMPANY	2,762,776	HOFMAN, HENK	2,775,252	LARSEN, JOHN ALEXANDER	2,763,326
GENERAL ELECTRIC COMPANY	2,762,790	HOFMAN, HENK	2,775,395	LATHAM POOL PRODUCTS, INC.	2,761,468
GENERAL ELECTRIC COMPANY	2,762,795	HOLBEIN, MARC	2,762,704	LAURSEN, CHRISTIAN	2,762,968
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GERDAN, GEORGE PAUL	2,762,773	HUGRON, DENIS	2,727,526	LEE, JUNG-GU	2,763,153
GEYMAN, MATTHEW THOMAS	2,761,468	HUME, DANIEL R.	2,762,699	LEE, MIN-KU	2,763,153
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GILL, MATTHEW T.	2,763,247	HYPRED	2,762,761	LEI, HUAN-YAO	2,754,477
GLOBE UNION INDUSTRIAL CORP.	2,726,761	INTERPROVINCIAL LOTTERY CORPORATION	2,763,217	LENNOX INDUSTRIES INC.	2,763,499
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HANSON, GARTH STEVEN	2,727,208	KAO, JUI-CHIEN	2,728,580	MAK, GENEVIEVE E.	2,763,159
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HAWKINS, KYLE A.	2,762,870	KASHEPAVA, STANISLAV	2,737,148	MARCHAND, TROY A.	2,737,148
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HAWKINS, KYLE A.	2,763,144	KIM, DANIEL	2,763,318	MARSH, SAMUEL A.	2,762,870
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HEINTZ, TODD	2,763,268	KITAMURA, HIDEO	2,763,176	MARSH, SAMUEL A.	2,763,144
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HENRIOTT, JAY M.	2,762,880	KOBRAEI, HENRY	2,752,946	MASTRAD	2,754,755
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PARK, JIN-JU	2,763,153	SIEMENS AKTIENGESELLSCHAFT	2,762,978	VENKATAKRISHNAN, NATARAJAN	2,752,977
PBI PERFORMANCE PRODUCTS, INC.	2,763,083	SIEMENS AKTIENGESELLSCHAFT	2,762,978	VENKATAKRISHNAN, NATARAJAN	2,752,987
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