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# THE CANADIAN PATENT OFFICE RECORD
# LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
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.

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.

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# Table of Contents
## Table des matières

Notices
Avis .....1

Canadian Patents Issued
Brevets canadiens délivrés .....20

Canadian Applications Open to Public Inspection
Demandes canadiennes mises à la disponibilité du public.....110

PCT Applications Entering the National Phase
Demandes PCT entrant en phase nationale .....130

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 .....216

Index of Canadian Patents Issued
Index des brevets canadiens délivrés .....222

Index of Canadian Applications Open to Public Inspection
Index des demandes canadiennes mises à la disponibilité du public .....237

Index of PCT Applications Entering the National Phase
Index des demandes PCT entrant en phase nationale .....241

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....257

# 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 entêtes 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 entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification 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

## 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**).

## 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**).

## 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**) 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 |

## 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**) 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. 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.

## 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.

## 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon 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 upon request.

## 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. 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.

## 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. 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.

## 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. List of Patents Available for Licence or Sale

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

2,583,974

## 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 :

2,583,974

## 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.

## 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. 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).

## 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. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2013

| | |
|---|---|
| **1. Transmittal Fee** (Rule 14) | **$300** |
| **2. International Filing Fee** | **$1394*** |
| For each additional sheet over 30 | **$16** |
| **3. International Search Fee** | **$1600** |

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

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2013

| | |
|---|---|
| **1. Taxe de transmission** (Règle 14) | **300 $** |
| **2. Taxe de dépôt internationale** | **1394 $*** |
| Pour chaque feuille au delà de 30 | **16 $** |
| **3. Taxe de recherche internationale** | **1600 $** |

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

**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*)) **$210**

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

* International fees will be reduced by:

- **$105** for all applications filed using PCT-EASY,
- **$210** for all applications filed electronically using PCT-SAFE (The request in character coded format).
- **$314** for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

**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 57.2*a*)) **210 $**

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

* Les frais seront réduits de:

- **105 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **210 $** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- **314 $** 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. 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**) or visit their Web site (**www.wipo.int**).

## 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**) ou visiter leur site Web (**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 delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

## 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 documents 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*.

## 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:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
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
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.

## 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 :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
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
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.

## 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:

## 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 :

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:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
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 inconsistency between this notice and the applicable legislation, the legislation must be followed.*

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 statuaire)
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 :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
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 divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

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.

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.

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.

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.*

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).

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. 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.

## 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 corrspondence.**

**Nota :** *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 crédit.

Téléchargez le formulaire de paiements.

## 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
   Édifice 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.

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

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

**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.

**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. 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.

**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.

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.

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 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.

### 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'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement 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.

***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 envoyés 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.

***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.

***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 oeuvre;
- 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.

***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.

***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.

***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.

***Topographies de circuits integers***

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 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.

**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.

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.

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.

**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.

**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.

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

Pursuant to PCT Rules 89*bis* 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 802 of Part 8 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.

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

Conformément aux Règles 89*bis* 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.

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 de 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'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

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 Format:

- 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 ½" by 11";
- Resolution of 300 dpi.

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.

Format 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.

Photographs in JPEG Format:

- 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.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- 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. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 25, 2013 contains applications open to public inspection from June 9, 2013 to June 15, 2013.

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

La *Gazette du bureau des brevets* du 25 juin 2013 contient les demandes disponibles au public pour consultation pour la période du 9 juin 2013 au 15 juin 2013.

## 17. Erratum

The information concerning application number 2,813,448 referred to under the section "PCT Applications Entering the National Phase" of the *Canadian Patent Office Record* of May 21, 2013, was incorrect. Please note that no application was open to public inspection under this number.

**2,813,448**

## 17. Erratum

Les renseignements ayant trait au numéro 2,813,448 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la *Gazette du Bureau des brevets* du 21 mai 2013, étaient erronés. Veuillez noter que le numéro n'a été mise à la disponibilité du public sous ce numéro.

**2,813,448**

# Canadian Patents Issued

**June 25, 2013**

# Brevets canadiens délivrés

**25 juin 2013**

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[11] **2,214,453**
[13] C
[51] **Int.Cl. C12N 15/23 (2006.01) A23K 1/16 (2006.01) A61K 31/70 (2006.01) A61K 38/21 (2006.01) A61K 39/00 (2006.01) A61K 39/39 (2006.01) A61K 48/00 (2006.01) C07K 14/465 (2006.01) C07K 14/555 (2006.01) C07K 14/57 (2006.01) C07K 16/24 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/20 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **NOVEL AVIAN CYTOKINES AND GENETIC SEQUENCES ENCODING SAME**
[54] **NOUVELLES CYTOKINES AVIAIRES ET SEQUENCES GENETIQUES CODANT CELLES-CI**
[72] LOWENTHAL, JOHN WILLIAM, AU
[72] YORK, JENNIFER JOY, AU
[72] O'NEIL, TERRI ELLEN, AU
[72] RHODES, STEPHEN, AU
[72] DIGBY, MATTHEW ROBERT, DE
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 1997-09-02
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[87] (WO1996/027666)
[30] AU (PN1542/95) 1995-03-06

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[51] **Int.Cl. C12Q 1/68 (2006.01) B01J 19/00 (2006.01) B01L 3/02 (2006.01) C07B 61/00 (2006.01) C07H 21/00 (2006.01) C07K 17/00 (2006.01) C12N 11/00 (2006.01) C12N 11/14 (2006.01) C12Q 1/00 (2006.01) C12Q 1/25 (2006.01) G01N 33/543 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHOD OF SPOTTING PROBE ON SOLID SUPPORT, PROBE ARRAY AND METHOD OF MANUFACTURING THEREOF, AND METHOD OF DETECTING TARGET SUBSTANCE AND METHOD OF IDENTIFYING STRUCTURE OF TARGET SUBSTANCE USING PROBE ARRAY**
[54] **METHODE VISANT A COUVRIR UN SUPPORT SOLIDE DE POINTS DE SONDE, RESEAU DE SONDE ET METHODE DE FABRICATION DE CE RESEAU, METHODE DE DETECTION D'UNE SUBSTANCE-CIBLE ET METHODE DE DESIGNATION DE LA STRUCTURE DE CETTE SUBSTANCE AU MOYEN D'UN RESEAU DE SONDE**
[72] OKAMOTO, TADASHI, JP
[72] YAMAMOTO, NOBUKO, JP
[72] SUZUKI, TOMOHIRO, JP
[73] CANON KABUSHIKI KAISHA, JP
[86] (2244403)
[87] (2244403)
[22] 1998-07-31
[30] JP (9-207837) 1997-08-01
[30] JP (9-287046) 1997-10-20
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[13] C
[51] **Int.Cl. A61N 2/02 (2006.01)**
[25] EN
[54] **ELECTROTHERAPY DEVICE USING LOW FREQUENCY MAGNETIC PULSES**
[54] **DISPOSITIF D'ELECTROTHERAPIE UTILISANT DES IMPULSIONS MAGNETIQUES A BASSE FREQUENCE**
[72] THOMAS, ALEX W., CA
[72] PRATO, FRANK S., CA
[72] KAVALIERS, MARTIN I., CA
[72] PERSINGER, MICHAEL A., CA
[73] BAYLIS MEDICAL COMPANY INC., CA
[85] 1998-12-02
[86] 1997-06-05 (PCT/CA1997/000388)
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[25] EN
[54] **SUBSTITUTED 3-CYANO QUINOLINES**
[54] **3-CYANO QUINOLINES SUBSTITUEES**
[72] WISSNER, ALLAN, US
[72] JOHNSON, BERNARD DEAN, US
[72] REICH, MARVIN FRED, US
[72] FLOYD, MIDDLETON BRAWNER JR., US
[72] KITCHEN, DOUGLAS B., US
[72] TSOU, HWEI-RU, US
[73] WYETH HOLDINGS CORPORATION, US
[85] 1999-10-01
[86] 1998-04-02 (PCT/US1998/006480)
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[13] C
[51] **Int.Cl. G01R 22/06 (2006.01) G01D 4/02 (2006.01) G01R 11/24 (2006.01) G01R 11/25 (2006.01) G01R 21/133 (2006.01) G07C 1/10 (2006.01) H04L 1/00 (2006.01) H04L 9/32 (2006.01) H04L 12/26 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **ELECTRONIC ELECTRICITY METER**
[54] **COMPTEUR D'ELECTRICITE ELECTRONIQUE**
[72] LEE, ROBERT E., JR., US
[72] ARSENAULT, MARK R., US
[72] MANCUSO, MARJORIE J., US
[72] ZINKOWSKI, VIRGINIA H., US
[72] GERMER, WARREN R., US
[72] RECTOR, WILLIAM O., US
[72] HOFFMAN, MARK E., US
[72] PAZDON, JOHN J., JR., US
[72] SCHMIDT, LARRY A., US
[72] NAIK, DONALD, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2000-02-17
[86] 1999-06-28 (PCT/US1999/014575)
[87] (WO2000/000935)
[30] US (60/091,039) 1998-06-29

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[54] **ENGRAFTABLE NEURAL PROGENITOR AND STEM CELLS FOR BRAIN TUMOR THERAPY**
[54] **CELLULES SOUCHES ET CELLULES PROGENITRICES NEURONALES POUVANT ETRE GREFFEES POUR TRAITER LES TUMEURS AU CERVEAU**
[72] SNYDER, EVAN Y., US
[72] LYNCH, WILLIAM P., US
[72] BREAKEFIELD, XANDRA O., US
[72] ABOODY, KAREN, US
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[54] **USE OF ANTI-PROLACTIN AGENTS TO TREAT PROLIFERATIVE CONDITIONS**
[54] **UTILISATION D'AGENTS ANTI-PROLACTINE POUR LE TRAITEMENT D'ETATS PROLIFERATIFS**
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[72] WAGNER, THOMAS E., US
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[54] **MULTI-MODE LIGHT-EMITTING DEVICE FOR UNDERWATER APPLICATIONS**
[54] **DISPOSITIF ELECTROLUMINESCENT MULTIMODE POUR APPLICATIONS SOUS-MARINES**
[72] FORD, TIMOTHY D.F., CA
[73] THE FLEWELLING FORD FAMILY TRUST, CA
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[54] **OMP85 PROTEINS OF NEISSERIA GONORRHOEAE AND NEISSERIA MENINGITIDIS, COMPOSITIONS CONTAINING SAME AND METHODS OF USE THEREOF**
[54] **PROTEINES OMP85 DE NEISSERIA GONORRHOEAE ET DE NEISSERIA MENINGITIDIS, COMPOSITIONS RENFERMANT LESDITES PROTEINES ET METHODES D'UTILISATION CORRESPONDANTES**
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[54] **CROISSANCE FONGIQUE CHEZ DES CHAMPIGNONS**
[72] DUNN-COLEMAN, NIGEL, US
[72] TURNER, GEOFFREY, GB
[72] POLLERMAN, SARAH E., GB
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[54] **ELECTROLUMINESCENT LAMINATE WITH PATTERNED PHOSPHOR STRUCTURE AND THICK FILM DIELECTRIC WITH IMPROVED DIELECTRIC PROPERTIES**
[54] **PLAQUE ELECTROLUMINESCENTE MODELEE A STRUCTURE DE LUMINOPHORES ET PELLICULE DIELECTRIQUE EPAISSE A PROPRIETES DIELECTRIQUES AMELIOREES**
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[73] IFIRE IP CORPORATION, CA
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[54] **SUBSTANCES AND AGENTS FOR POSITIVELY INFLUENCING COLLAGEN**
[54] **SUBSTANCES ET MOYENS PERMETTANT D'INFLUENCER POSITIVEMENT LE COLLAGENE**
[72] WIELAND, HEINRICH, DE
[72] SCHMIDT, ALFRED, DE
[73] MEDICAL DISCOVERIES, INC., US
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[54] **METHOD AND APPARATUS FOR PATIENT MONITORING WITH WIRELESS INTERNET CONNECTIVITY**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE DE PATIENT AVEC CONNECTIVITE SANS FIL A L'INTERNET**
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[54] **METHOD AND SYSTEM FOR GENERATING A USER INTERFACE FOR DISTRIBUTED DEVICES**
[54] **PROCEDE ET SYSTEME PERMETTANT DE GENERER UNE INTERFACE UTILISATEUR POUR DES UNITES REPARTIES**
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[54] **VACCIN POUR POISSONS CONTRE L'INFECTION PAR PISCIRICKETTSIA SALMONIS**
[72] SIMARD, NATHALIE, CA
[72] BROUWERS, HUUB, CA
[72] JONES, SIMON, CA
[72] GRIFFITHS, STEVE, CA
[72] VALENZUELA, PABLO, CL
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[54] **SOLUTIONS STABLES D'ELECTROLYTE DE TAUROLIDINE**
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[54] **CONVERSION DE COMPOSES DE TITANE A L'ETAT D'OXYDATION +4 EN COMPOSES DE TITANE A L'ETAT D'OXYDATION +3**
[72] SULLIVAN, JEFFREY M., US
[73] BOULDER SCIENTIFIC COMPANY, US
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[54] **MODIFICATION CIBLEE DE LA STRUCTURE DE CHROMATINE**
[72] WOLFFE, ALAN P. (DECEASED), US
[72] COLLINGWOOD, TREVOR, US
[73] SANGAMO BIOSCIENCES, INC., US
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[54] **CYCLIPOSTINS, PROCESS FOR THEIR PREPARATION AND USE THEREOF**
[54] **CYCLIPOSTINES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**
[72] VERTESY, LASZLO, DE
[72] EHRLICH, KLAUS, DE
[72] KURZ, MICHAEL, DE
[72] WINK, JOACHIM, DE
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[54] **MODIFICATION OF BACTERIA**
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[72] GREEN, EDWARD MCCONACHIE, GB
[72] CUSDIN, FIONA SUSAN, GB
[72] BAGHAEI-YAZDI, NAMDAR, GB
[72] JAVED, MUHAMMAD, GB
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[25] EN
[54] **ALUMINIUM-BASED ALLOY AND METHOD OF FABRICATION OF SEMIPRODUCTS THEREOF**
[54] **ALLIAGE A BASE D'ALUMINIUM ET PROCEDE DE FABRICATION DE SEMI-PRODUITS EN CET ALLIAGE**
[72] PFANNEN-MULLER, THOMAS, DE
[72] RAUH, RAINER, DE
[72] WINKLER, PETER-JURGEN, DE
[72] LANG, ROLAND, DE
[72] FRIDLYANDER, IOSIF NAUMOVITCH, RU
[72] KABLOV, EVGENY NIKOLAEVITCH, RU
[72] SANDLER, VLADIMIR SOLOMONOVITCH, RU
[72] BOROVSKIKH, SVETLANA NIKOLAEVNA, RU
[72] DAVYDOV, VALENTIN GEORGIEVITCH, RU
[72] ZAKHAROV, VALERY VLADIMIROVITCH, RU
[72] SAMARINA, MARINA VLADIMIROVNA, RU
[72] ELAGIN, VIKTOR IGNATOVITCH, RU
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[72] DORITY, DOUGLAS B., US
[73] CEPHEID, US
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[54] **REMULTIPLEXAGE STATISTIQUE A ATTRIBUTION DE LARGEUR DE BANDE ENTRE DIFFERENTS CANAUX DE TRANSCODAGE**
[72] WU, SIU-WAI, US
[72] NEMIROFF, ROBERT S., US
[72] LIU, VINCENT, US
[72] LUTHRA, AJAY, US
[73] GENERAL INSTRUMENT CORPORATION, US
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[54] **METHODE ET SYSTEME A ACTION UNIQUE PERMETTANT LA RECOMMANDATION PERSONNALISEE ET L'AFFICHAGE DE CONTENU PAR INTERNET**
[72] BOYD, ERIC, CA
[72] LAFRANCE, JUSTIN, CA
[72] SMITH, GEOFF, CA
[72] CAMP, GARRETT, CA
[73] STUMBLEUPON, INC., US
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[54] **INHIBITION OF LYSOZYME IN TREATING SEPSIS-INDUCED MYOCARDIAL DYSFUNCTION**
[54] **INHIBITION DU LYSOZYME DANS LE TRAITEMENT DU DYSFONCTIONNEMENT MYOCARDIQUE INDUIT PAR UNE SEPTICEMIE**
[72] MINK, STEVEN N., CA
[72] JACOBS, HANS, DE
[72] BOSE, DEEPAK, CA
[72] DUKE, KRIKA, CA
[72] LIGHT, R. BRUCE, CA
[73] UNIVERSITY OF MANITOBA, CA
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[25] EN
[54] **PROTON CONDUCTING MEMBRANE, METHOD FOR PRODUCING THE SAME, AND FUEL CELL USING THE SAME**
[54] **MEMBRANE CONDUCTRICE DE PROTONS, SON PROCEDE DE PRODUCTION ET PILES A COMBUSTIBLE UTILISANT CETTE MEMBRANE**
[72] NOMURA, SHIGEKI, JP
[72] SUGIMOTO, TOSHIYA, JP
[72] NAKAMURA, MASANORI, JP
[72] YAMAUCHI, KENJI, JP
[73] SEKISUI CHEMICAL CO., LTD., JP
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[72] SHAW, DONALD, CA
[73] NORTHERN RESEARCH TECHNOLOGIES INC., CA
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[54] **APPARATUSES AND METHODS FOR DEPLOYING LOGGING TOOLS AND SIGNALLING IN BOREHOLES**
[54] **APPAREILS ET METHODES DE DEPLOIEMENT D'OUTILS D'ENREGISTREMENT ET DE SIGNALISATION DANS LES PUITS DE FORAGE**
[72] CHAPLIN, MICHAEL JOHN, GB
[72] EASTER, CHARLES RICHARD, GB
[72] SPENCER, MICHAEL CHARLES, GB
[73] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
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[25] EN
[54] **SUSTAINED RELEASE DRUG DELIVERY SYSTEM CONTAINING CODRUGS**
[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENT A LIBERATION CONTINUE CONTENANT DES MEDICAMENTS ASSOCIES**
[72] CHEN, JIANBING, US
[72] ASHTON, PAUL, US
[72] SMITH, THOMAS J., US
[73] PSIVIDA US, INC., US
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[86] 2002-04-26 (PCT/US2002/013385)
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[54] **APPAREIL DE CONTROLE**
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[25] EN
[54] **A SYSTEM FOR INDUCIBLE EXPRESSION IN EUKARYOTIC CELLS**
[54] **SYSTEME DESTINE A L'EXPRESSION INDUCTIBLE DANS DES CELLULES EUCARIOTES**
[72] KONISHI, YASUO, CA
[72] LAU, PETER C.K., CA
[72] MASSIE, BERNARD, CA
[72] MULLICK, ALAKA, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **COMPOSITIONS PROTEIQUES ASSOCIEES A UN CORPS LIPIDIQUE ET LEURS METHODES D'UTILISATION DANS LA DIMINUTION DU RISQUE DE MALADIE CARDIO-VASCULAIRE**
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[54] **MOULE POUR SEPARATEUR DE PILE A COMBUSTIBLE, PROCEDE DE FABRICATION D'UN SEPARATEUR DE PILE A COMBUSTIBLE, DISPOSITIF POUR LA FABRICATION D'UN SEPARATEUR DE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE**
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[54] **SYSTEME DE TEXTURATION DE REPRESENTATIONS ELECTRONIQUES D'OBJETS**
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[54] **APPAREIL ET PROCEDES DE DETECTION D'ADN DANS DES ECHANTILLONS BIOLOGIQUES**
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[72] LAU, LOK-TING, CN
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[54] **METHODES POUR TRAITER UNE MALADIE INFECTIEUSE D'ORIGINE BACTERIENNE AU MOYEN D'UN ANTICORPS DE MOLECULES SIGNAL DERIVE D'UNE ANTI-LACTONE OU D'UNE LACTONE**
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[54] **DISPOSITIF ROTATIF A PALETTES FRACTIONNEES**
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[72] ROMANSKI, ERIC, US
[73] ALBANY INTERNATIONAL CORP., US
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[72] ROTONDO, ADAM W., US
[73] RENEWABLE LUBRICANTS, INC., US
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[54] **PROCESS FOR DECREASING AGGREGATE LEVELS OF PEGYLATED PROTEIN**
[54] **PROCEDE SERVANT A DIMINUER LA TOTALITE DES NIVEAUX D'UNE PROTEINE PEGYLEE**
[72] BOYLE, DENIS M., US
[72] BUCKLEY, JOHN J., US
[72] JOHNSON, GARY V., US
[72] STEINMEYER, DAVID E., US
[72] TOAL, MICHELE, US
[72] AYKENT, SERDAR, US
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[54] **SYSTEME DE MANUTENTION DE CASSETTE DE STERILISANT AVEC LIAISON DE DONNEES**
[72] WONG, WILLIAM, US
[72] RAJA, VISHNU R., US
[72] CHOPERENA, ALFREDO M., US
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[54] **MELANGEUR FIXE POUR PRODUIT MELANGE DURCISSANT**
[72] HEUSSER, ROLF, CH
[72] MARTINO, SANDRO, CH
[73] SULZER CHEMTECH AG, CH
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[54] **PROCEDE DE SURVEILLANCE ET D'ANALYSE D'UN PROCESSUS**
[72] LAITINEN-VELLONEN, SAKARI, FI
[73] OUTOTEC OYJ, FI
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[54] **METHOD OF MEASURING BINDING SITE ON PLASMA PROTEIN OF PLASMA PROTEIN-BINDING DRUG AND METHOD OF MEASURING PLASMA PROTEIN MUTATION**
[54] **PROCEDE DE MESURE D'UN SITE DE LIAISON SUR UNE PROTEINE DE PLASMA D'UN MEDICAMENT PRESENTANT UNE AFFINITE DE LIAISON POUR UNE PROTEINE DE PLASMA ET PROCEDE DE MESURE D'UNE MUTATION DE PROTEINE DE PLASMA**
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[72] TAKAMURA, NORITO, JP
[73] NIHON MEDI-PHYSICS CO., LTD., JP
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[72] AMIT, MICHAL, IL
[72] ITSKOVITZ-ELDOR, JOSEPH, IL
[73] TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD., IL
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[54] **TRAITEMENT DE DONNEES MAGNETIQUES VECTORIELLES**
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[72] LIU, GUIMIN, AU
[72] CHRISTENSEN, ASBJORN NORLUND, AU
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[54] **PROCEDES ET DISPOSITIFS DE CODAGE VOCAL LARGE BANDE EN DEBIT BINAIRE VARIABLE COMMANDE PAR LA SOURCE**
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[73] NOKIA CORPORATION, FI
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[54] **ROBINET DE COMMANDE DE FREINAGE A FONCTION A DEUX TEMPS POUR LE DESSERRAGE DU FREIN DE STATIONNEMENT**
[72] KEMER, JOHN J., US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **PROCEDE DE FABRICATION DE POUDRES DE MEDICAMENTS INHALABLES**
[72] JONGEN, NATHALIE, CH
[72] LEMAITRE, JACQUES, CH
[72] BOWEN, PAUL, CH
[72] DONNET, MARCEL, CH
[72] SCHIEWE, JOERG, DE
[72] ZIERENBERG, BERND, DE
[72] SOARE, LUCICA CRISTINA, CH
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[73] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EFPL), CH
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[54] **RIB-REINFORCED HOCKEY STICK SHAFT AND METHOD OF FABRICATION**
[54] **MANCHE DE BATON DE HOCKEY A NERVURES DE RENFORT ET METHODE DE FABRICATION**
[72] LUSSIER, REMI, CA
[72] JEAN, MARCEL, CA
[72] GATIEN, DANIEL, CA
[72] BELANGER, GERMAIN, CA
[73] 2946-6380 QUEBEC INC. A/S PRODUCTION P.H. ENR, CA
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[54] **SYSTEME DE REFROIDISSEMENT D'ENVELOPPE DE TURBINE**
[72] MEISELS, DAVID, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **SYSTEME DE MESURE A TROIS DIMENSIONS**
[72] TAFFET, BRUNO, FR
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[54] **UTILISATION DE CONCENTRES DE PROTEINES PLASMATIQUES CONTENANT LE FVW ET UNE PROPORTION ELEVEE DE MULTIMERES A POIDS MOLECULAIRE ELEVE**
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[72] WALTER, OLAF, CH
[73] CSL BEHRING GMBH, DE
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[54] **TECHNIQUE DE DIALYSE PERITONEALE**
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[72] YORIOKA, NORIAKI, JP
[73] KOWA CO., LTD., JP
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[54] **METHODE ET SYSTEME DE CARACTERISATION DE RESERVOIR EN RAPPORT AVEC LES OPERATIONS DE FORAGE**
[72] IBRAHIM, EMAD B., US
[72] ELROD, LOUIS W., US
[72] JONES, CHRISTOPHER M., US
[72] SHAYEGI, SARA, US
[72] WIEMERS, TIMOTHY O., US
[72] SCHULTZ, ROGER L., US
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[54] **SYSTEME DE RECYCLAGE DE SOLVANT CONTAMINE**
[72] HARLAND, CHARLES, CA
[72] MOUNT, DENNIS, CA
[72] FREDETTE, MATHIEU, CA
[73] CHEMCHAMP (BARBADOS) INC., BB
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[54] **SYSTEM FOR DIGITAL RIGHTS MANAGEMENT USING DISTRIBUTED PROVISIONING AND AUTHENTICATION**
[54] **SYSTEME DE GESTION DE DROITS NUMERIQUES UTILISANT LE PROVISIONNEMENT ET L'AUTHENTIFICATION REPARTIS**
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[72] MEDVINSKY, ALEXANDER, US
[73] GENERAL INSTRUMENT CORPORATION, US
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[54] **METHODE DE QUANTIFICATION MULTIPLE DU CHOLESTEROL DANS DES LIPOPROTEINES A FAIBLE DENSITE**
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[54] **SYSTEME POUR LA STABILISATION DE TENSION DE LIGNES D'ALIMENTATION**
[72] STRAND, FRANK, NO
[72] HAUGS, ESPEN, NO
[72] TJELDHORN, REIDAR, NO
[73] MAGTECH AS, NO
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[54] **CORRECTION METHOD AND CORRECTION LOOP FOR A COMPLEX DIGITAL SIGNAL**
[54] **PROCEDE DE CORRECTION ET BOUCLE DE CORRECTION D'UN SIGNAL NUMERIQUE COMPLEXE**
[72] CLOTTEAU, BRUNO, FR
[73] THALES, FR
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[54] **SYSTEME DE REDONDANCE DE NAVIGATION**
[72] MILELLI, ROSARIO J., US
[72] STRACHAN, VICTOR F., US
[72] VOLK, CHARLES H., US
[72] TAZARTES, DANIEL A., US
[73] NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC., US
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[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN SEL DE SODIUM DE CELECOXIB A DISSOLUTION AMELIOREE**
[72] TAWA, MARK, US
[72] REMENAR, JULIUS, US
[72] PETERSON, MATTHEW, US
[72] ALMARSSON, ORN, US
[72] GUZMAN, HECTOR, US
[72] CHEN, HONGMING, US
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[54] **COUCHE DE DIFFUSION GAZEUSE CONTENANT UN CATALYSEUR POUR PILES A COMBUSTIBLE ET PROCEDE DE REALISATION**
[72] RUTH, KARSTEN, DE
[72] SCHLEUNUNG, ANDREAS, DE
[72] STARZ, KARL-ANTON, DE
[72] LOPEZ, MARCO, DE
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[54] **PEPTIDES AND USES THEREOF FOR PREVENTING AND TREATING ALZHEIMER'S DISEASE(AD)**
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[54] **CHARPENTE DE TOIT IGNIFUGE POUR TOITS ISOLES AU STYRENE ET METHODE DE FABRICATION**
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAUX POUR LA DETECTION DES DEFAUTS DES CIRCUITS MAGNETIQUES STATORIQUE ET ROTORIQUE D'UNE MACHINE SYNCHRONE**
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[54] **METHODE ET DISPOSITIF DE STIMULATION THERMIQUE DE FORMATIONS D'HYDRATES DE GAZ**
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[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN ANTICORPS BISPECIFIQUE SPECIFIQUE DESTINEE A EPCAM**
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[72] BERRY, MEERA, DE
[72] OFFNER, SONJA, DE
[72] BRISCHWEIN, KLAUS, DE
[72] WOLF, ANDREAS, DE
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[54] **MAIS TC1507 ET PROCEDES DE DETECTION DE CELUI-CI**
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[54] **COMPOSITION MOUSSANTE POUR NETTOYAGE ET AVIVAGE, ET METHODES**
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[54] **METHODES DE RECUPERATION D'AU MOINS UN ELEMENT METALLIQUE DU MINERAI**
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[54] **SYSTEME D'EVALUATION ET DE SUPPRESSION DE LA REVERBERATION**
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[54] **DETERMINATION DE L'IMPEDANCE D'UN MATERIAU PLACE DERRIERE UN TUBAGE FAISANT APPEL A LA COMBINAISON DE DEUX ENSEMBLES DE MESURES ULTRASONORES**
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[72] LE CALVEZ, JEAN-LUC, FR
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[54] **PROCEDE ET SYSTEME POUR LA MISE EN OEUVRE D'UNE SYNCHRONISATION RESEAU AU MOYEN D'UN SYSTEME DE MESSAGERIE UNIFIEE**
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[54] **SYSTEME ET PROCEDE DE RECONNAISSANCE VOCALE REPOSANT SUR L'EMISSION EN CONTINU DE PHONEMES MULTIPLES ET LA REPRESENTATION DES CONNAISSANCES**
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[54] **RESONATEUR MICRO-ONDES ET METHODE DE FONCTIONNEMENT D'UN RESONATEUR MICRO-ONDES**
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[54] **SYSTEME DE FIXATION DE LAMES D'EXTREMITE DANS UN STORE A LAMES VERTICALES**
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[54] **TERMINAL MOBILE DE POCHE POUVANT ETRE CONNECTE A UN SERVEUR DE COURRIER ELECTRONIQUE A L'AIDE D'UN RESEAU SANS FIL ET A UN PC A L'AIDE D'UNE LIAISON LOCALE DE SYNCHRONISATION**
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[54] **APPAREIL D'ANALYSE ET PROCEDE D'ANALYSE DE LIQUIDES ORGANIQUES**
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[72] LIST, HANS, DE
[72] KRAEMER, UWE, DE
[72] MILTNER, KARL, DE
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[72] BANKSTON, JOHN D., US
[73] USG INTERIORS, LLC, US
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[54] **POROUS MATERIALS EMBEDDED WITH NANOSPECIES, METHODS OF FABRICATION THEREOF, AND METHODS OF USE THEREOF**
[54] **MATERIAUX POREUX ENCHASSES DE NANO-ESPECES**
[72] NIE, SHUMING, US
[72] GAO, XIAOHU, US
[73] EMORY UNIVERSITY, US
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[54] **APPARATUS AND METHOD FOR PRESENTING BOTH FACES OF A DOCUMENT FOR PROCESSING**
[54] **APPAREIL ET METHODE POUR PRESENTER LES DEUX FACES DES PAGES D'UN DOCUMENT AU TRAITEMENT**
[72] JOHANNESSON, GLEN, CA
[72] DAVIS, JEFFREY, CA
[72] STEFANUK, WILLIAM, CA
[73] RDM CORPORATION, CA
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[54] **FAIRING FOR WHEEL OF HEAVY GOODS VEHICLE, AND THE CORRESPONDING HEAVY GOODS VEHICLE**
[54] **CARENAGE DE ROUE DE POIDS LOURD, ET POIDS LOURD CORRESPONDANT**
[72] BONNAUD, BERNARD, FR
[72] CORNUAULT, BRUNO, FR
[73] IRISBUS FRANCE S.A., FR
[86] (2535047)
[87] (2535047)
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[54] **TABLET CONTAINING 3-[(2-{[4-(HEXYLOXYCARBONYLAMINO-IMINO-METHYL)-PHENYLAMINO]-METHYL}-1-METHYL-1H-BENZIMIDAZOLE-5-CARBONYL)-PYRIDIN-2-YL-AMINO]-PROPIONIC ACID ETHYLESTER OR THE SALTS THEREOF**
[54] **COMPRIME CONTENANT L'ETHYLESTER DE L'ACIDE 3-[(2-{[4-(HEXYLOXYCARBONYLAMINO-IMINO-METHYL)-PHENYLAMINO]-METHYL}-1-METHYL-1H-BENZIMIDAZOL-5-CARBONYL)-PYRIDIN-2-YL)AMINO]-PROPIONIQUEOU SES SELS**
[72] KOHLRAUSCH, ANJA, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **NOVEL CRYSTALLINE COMPOUNDS**
[54] **POLYMORPHES CRISTALLINS DU CLOPIDOGREL**
[72] ARUL, RAMAKRISHNAN, IN
[72] RAWAT, AJAY SINGH, IN
[72] GADAKAR, MAHESHKUMAR, IN
[72] RAO, RAJESH, IN
[72] PISE, ABHINAY, IN
[72] GRAY, JASON, GB
[73] GENERICS [UK] LIMITED, GB
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[25] EN
[54] **PATTY-FORMING APPARATUS**
[54] **MACHINE A FORMER DES GALETTES DE VIANDE**
[72] SANDBERG, GLENN, US
[72] LINDEE, SCOTT A., US
[72] HANSEN, DAVID, US
[72] RING, TIMOTHY W., US
[72] HANCOCK, DAVID, US
[72] LAMARTINO, SALVATORE, US
[72] PASEK, JAMES E., US
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[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING SECURITY FOR SIP-BASED COMMUNICATIONS**
[54] **SYSTEME ET METHODE POUR ASSURER LA SECURITE DES COMMUNICATIONS SIP**
[72] FOGEL, RICHARD MELVIN, CA
[73] WATCHGUARD TECHNOLOGIES, INC., US
[86] (2537069)
[87] (2537069)
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[25] EN
[54] **TREATMENT OF AQUEOUS COMPOSITIONS CONTAINING CONTAMINANTS**
[54] **TRAITEMENT DE COMPOSITIONS AQUEUSES CONTENANT DES CONTAMINANTS**
[72] SUTHERLAND, GEORGE, CA
[73] SUTHERLAND SEPARATION SYSTEMS, INC., CA
[85] 2006-03-02
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[54] **HYDROCRACKING PROCESS WITH RECYCLING INCLUDING ADSORPTION OF POLYAROMATIC COMPOUNDS FROM THE RECYCLED FRACTION ON ADSORBENT BASED ON LIMITED-MACROPORE SILICA-ALUMINA**
[54] **PROCEDE D'HYDROCRAQUAGE AVEC RECYCLAGE COMPRENANT L'ADSORPTION DE COMPOSES POLYAROMATIQUES DE LA FRACTION RECYCLEE SUR ADSORBANT A BASE DE SILICE-ALUMINE A TENEUR LIMITEE EN MACROPORES**
[72] BARTHELET, KARIN, FR
[72] EUZEN, PATRICK, FR
[72] DULOT, HUGUES, FR
[72] BOURGES, PATRICK, FR
[73] IFP ENERGIES NOUVELLES, FR
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[54] **WEATHER PROTECTED DEER AND ANIMAL REPELLENT CONTAINER**
[54] **CONTENANT A REPULSIF A L'EPREUVE DES INTEMPERIES REPOUSSANT LES CHEVREUILS ET AUTRES BETES**
[72] CHALUPSKY, CLAYTON W., US
[72] NELSON, CURTIS, US
[72] KLOUDA, ROGER C., US
[73] CHALUPSKY, CLAYTON W., US
[73] SENORET GROUP, INC., US
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[54] **CRANKSHAFT TORQUE MODULATOR**
[54] **MODULATEUR DE COUPLE DE VILEBREQUIN**
[72] MEVISSEN, BERT, CA
[72] DELL, JAMES W., CA
[72] ANTCHAK, JOHN R., CA
[73] LITENS AUTOMOTIVE PARTNERSHIP, CA
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[25] EN
[54] **HIGH IMPACT STRENGTH FILM AND NON-PVC CONTAINING CONTAINER AND POUCH AND OVERPOUCH**
[54] **FILM PRESENTANT UNE RESISTANCE AU CHOC ELEVEE, RECIPIENT EXEMPT DE PVC, POCHETTE ET SURPOCHE ASSOCIEES**
[72] SHANG, SHERWIN, US
[72] WOO, LECON, US
[72] YANG, TAHUA, US
[72] LING, MICHAEL T.K., US
[72] SANDFORD, CRAIG, US
[73] BAXTER INTERNATIONAL INC., US
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[54] **SYSTEME D'EXPRESSION DE VEGETAUX DERIVE DU VIRUS ARN**
[72] MARILLONNET, SYLVESTRE, DE
[72] ENGLER, CAROLA, DE
[72] KLIMYUK, VICTOR, DE
[72] GLEBA, YURI, DE
[73] ICON GENETICS GMBH, DE
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[54] **CANAL DE CLIMATISATION ET DE VENTILATION**
[72] BRUER, INA, DE
[72] KELLER, HORST, DE
[72] BERNARD, JEAN-LUC, FR
[72] ANDERSSON, LEIF, SE
[73] SAINT-GOBAIN ISOVER, FR
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[25] EN
[54] **MODULAR SPRAY GUN APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE PISTOLET A PULVERISATION MODULAIRE**
[72] TURNBULL, CLIFFORD W., US
[73] TRADE ASSOCIATES, INC., US
[85] 2006-04-05
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[25] EN
[54] **COMBINATION OF FLUPIRTINE AND TOLPERISONE OR EPERISONE FOR THE TREATMENT OF PAINFUL CONDITIONS**
[54] **COMBINAISONDE FLUPIRTINE ET DE TOLPERISONE OU D'EPERISONE POUR LE TRAITEMENT DE CONDITIONS DOULOUREUSES**
[72] HERMANN, ROBERT, DE
[72] LOCHER, MATHIAS, DE
[72] SZELENYI, ISTVAN, DE
[72] BRUNE, KAY, DE
[73] MEDA PHARMA GMBH & CO. KG, DE
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[54] **CATALYTIC SECONDARY REFORMING PROCESS AND REACTOR FOR SAID PROCESS**
[54] **PROCEDE DE REFORMAGE CATALYTIQUE SECONDAIRE ET REACTEUR DESTINE AU PROCEDE**
[72] ZANICHELLI, LUCA, IT
[73] CASALE CHEMICALS S.A., CH
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[54] **DOOR OPERATOR ASSEMBLY**
[54] **DISPOSITIF DE FERMETURE DE PORTE**
[72] HASS, BRIAN, US
[73] 9001-4150 QUEBEC INC., CA
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[54] **FABRICATION DE PRODUITS DE BLE ENTIER BROYES**
[72] KARWOWSKI, JAN, US
[72] VEMULAPALLI, VANI, US
[72] WANG, C. Y. (ERIC), US
[72] MAAS, KENNETH, US
[72] GONG, ALEX, US
[72] MIHALOS, MIHAELOS, US
[73] KRAFT FOODS GLOBAL BRANDS LLC, US
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[54] **ANTICORPS CONTRE L'INTERLEUKINE-10**
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[73] MERCK SHARP & DOHME CORP., US
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[54] **AIR TRANSPORTABLE ISO CONTAINER**
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[72] GERDING, WILLIAM J, US
[73] AAR CORP., US
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[54] **PROCESS AND APPARATUS FOR MANUFACTURING CRUMB AND POWDER RUBBER**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE CAOUTCHOUC GRANULAIRE ET DE CAOUTCHOUC PULVERULENT**
[72] CIALONE, ANTHONY M., US
[72] WAZNYS, PETER J., US
[72] MECKERT, GEORGE W., US
[73] LEHIGH TECHNOLOGIES, LLC, US
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[54] **APPARATUS AND METHOD FOR MEASURING WHILE DRILLING**
[54] **APPAREIL ET METHODE POUR FAIRE DES MESURES TOUT EN FORANT**
[72] MORIARTY, KEITH, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2546398)
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[54] **BOUILLON DE FERMENTATION CONSTITUE DE GLUCONATE DESTINE A DES ADJUVANTS POUR LE CIMENT ET LE BETON**
[72] CHUN, BYONG-WA, US
[72] JEKNAVORIAN, ARA A., US
[72] PORTENEUVE, CHARLOTTE B., US
[73] W. R. GRACE & CO.-CONN., US
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[54] **DERIVES DE SPIROPIPERIDINE POUR LUTTER CONTRE LES NUISIBLES**
[72] MOLLEYRES, LOUIS-PIERRE, CH
[72] CASSAYRE, JEROME, CH
[72] CEDERBAUM, FREDRIK, CH
[72] MAIENFISCH, PETER, CH
[73] SYNGENTA PARTICIPATIONS AG, CH
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[54] **MICROPARTICULES THERAPEUTIQUES**
[72] BATY, ACE M., III, US
[72] CLEEK, ROBERT L., US
[72] DAVIDSON, DANIEL F., US
[72] MATZEN, MELISSA J., US
[72] VONESH, MICHAEL J., US
[72] WILLIAMS, JOSHUA D., US
[73] GORE ENTERPRISE HOLDINGS, INC., US
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[54] **FLOOR COVERING AND LOCKING SYSTEMS AND AN EQUIPMENT FOR PRODUCTION OF FLOORBOARDS**
[54] **SYSTEME DE COUVERTURE ET DE BLOCAGE DE PARQUETS ET EQUIPEMENT DE PRODUCTION DE LAMES DE PARQUET, PAR EXEMPLE**
[72] PERVAN, DARKO, SE
[73] VAELINGE INNOVATION AB, SE
[85] 2006-06-07
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[54] **CRISTAL TRIHYDRATE DE MONOSULFATE DE DI (L) LYSINE ET SON PROCEDE DE PRODUCTION**
[72] KUSHIKU, TAKESHI, JP
[72] STECKELBERG, DAVE, US
[72] TANABE, TOSHIYA, JP
[72] HAGA, JIROU, JP
[72] FUJIKI, SHINYA, JP
[72] SUZUKI, KISHO, JP
[73] AJINOMOTO CO., INC., JP
[85] 2006-06-09
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[54] **SURVEY CONTROLLER MULTIPLEXER**
[54] **MULTIPLEXEUR DE CONTROLEUR DE LEVER**
[72] SMELQUIST, KEN, CA
[72] GAGNON, ROBERT, CA
[72] WESTMAN, MIKE, CA
[72] DAKIN, GRANT, CA
[73] SPECTRUM EXTERNAL LINE INSPECTION TECHNOLOGY INC., CA
[86] (2549786)
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[25] EN
[54] **PAPER COMPRISING QUATERNARY NITROGEN CONTAINING CELLULOSE ETHER**
[54] **PAPIER COMPRENANT DE L'ETHER DE CELLULOSE CONTENANT DE L'AZOTE QUATERNAIRE**
[72] VAN DER HORST, PETER MARTEN, NL
[73] AKZO NOBEL N.V., NL
[85] 2006-06-19
[86] 2004-12-21 (PCT/EP2004/014737)
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[30] EP (03078994.5) 2003-12-22
[30] US (60/544,342) 2004-02-17

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[54] **INJECTOR**
[54] **INJECTEUR**
[72] GUILLERMO, CARLOS, US
[73] SHL MEDICAL AB, SE
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[72] BOHN, JOANN, US
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[72] LU, ZHIJIAN, US
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[54] **METHODE DE TRAITER DE L'INFORMATION DE TRAFIC ET SYSTEME DE RADIODIFFUSION NUMERIQUE**
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[72] KWAK, KOOK YEON, KR
[72] LEE, HYOUNG GON, KR
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[54] **PROCEDE POUR LE TRAITEMENT SUPERFICIEL, LE PORTIONNEMENT ET LE MOULAGE SIMULTANES AINSI QUE LA CONSERVATION DE PRODUITS ALIMENTAIRES TELS QUE VIANDE, CHARCUTERIE, CHAIR A SAUCISSEOU AUTRES PRODUITS SIMILAIRES**
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[72] FLEXNER, JOHN LINDSEY, US
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[72] MUDDE, GEERT C., AT
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[72] NEUENSCHWANDER, URS, CH
[72] ZEUN, RONALD, CH
[72] EHRENFREUND, JOSEF, CH
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[54] **CONNEXION D'EXTREMITE DE COURROIE POUR ATTACHER UNE EXTREMITE DE COURROIE DE SUPPORT DANS UNE INSTALLATION DE LEVAGE ET METHODE D'ATTACHE D'UNE EXTREMITE DE COURROIE DE SUPPORT DANS UNE INSTALLATION DE LEVAGE**
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[72] KAISER, ERIC J., US
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[72] KRYLSTEDT, PETER GUNNAR, SE
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[54] **DISPOSITIF ET PROCEDE DE SIGNALISATION OPTIQUE POUR LES ROUTES OU LES VOIES DE CIRCULATION, NOTAMMENT DANS DES CONDITIONS DE MAUVAISE VISIBILITE**
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[72] CHRISTENSEN, POUL, DK
[72] HARILD, JENS ARBOE, DK
[72] MADSEN, SOREN MOLLER, DK
[73] BYENS TEGNESTUE APS, DK
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[54] **FORMULATIONS DE BENZOTHIAZOLE ET UTILISATION ASSOCIEE**
[72] ESPOSITO, PIERANDREA, IT
[72] CHICCO, DANIELA, IT
[72] DONATI, LUCA, IT
[72] LEONARDI, ANDREA, FR
[72] BERTERO, STEFANIA, FR
[72] GOTTELAND, JEAN-PIERRE, FR
[72] GAILLARD, PASCALE, FR
[72] JEANCLAUDE-ETTER, ISABELLE, CH
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[54] **METHODE D'INSTALLATION DE PAROIS A FOYER D'UNE CHAUDIERE**
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[72] HORINOUCHI, MOTOSHI, JP
[72] SAGAWA, SHINICHI, JP
[72] MASUDA, YOSHITAKA, JP
[72] IMAMURA, MASAKATSU, JP
[72] MARIYAMA, TADAYOSHI, JP
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[54] **FIBRES COMPOSITES COMPRENANT AU MOINS DES NANOTUBES DE CARBONE, LEUR PROCEDE D'OBTENTION ET LEURS APPLICATIONS**
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[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **COMPOSITIONS ELASTOMERES DE RESISTANCE AMELIOREE A LA STRICTION POUR APPLICATIONS D'EXTRUSION DE FEUILLE A GRANDE VITESSE**
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[54] **OUTIL SERVANT A ASSEMBLER AU MOINS DEUX COUCHES DE MATELAS AU MOYEN D'UNE ATTACHE EN PLASTIQUE**
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[73] AVERY DENNISON CORPORATION, US
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[54] **DEVICE AND METHOD FOR THE ELECTROMAGNETIC, ACOUSTIC MATERIAL TESTING AND/OR THICKNESS MEASUREMENT OF A TEST OBJECT THAT CONTAINS AT LEAST ELECTRICALLY CONDUCTIVE AND FERROMAGNETICMATERIAL FRACTIONS**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE ELECTROMAGNETIQUE ET ACOUSTIQUE DE MATERIAUX ET/OU DE MESURE D'EPAISSEUR DE MATERIAUX SUR UN OBJET DE CONTROLE COMPORTANT DES ELEMENTS DE MATERIAUX AU MOINS ELECTRIQUEMENT CONDUCTEURS ET FERROMAGNETIQUES**
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[54] **SUSPENSIONS PHARMACEUTIQUES SANS COLORANT ET METHODES CONNEXES**
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[54] **DISPOSITIF ET PROCEDE DE PERFUSION MULTIPOSITION**
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[72] HOLT, MARK D., US
[72] CANDIOTY, ALBERT D., US
[72] GIRGIS, MILAD T., US
[72] KAVAZOV, JULIAN D., US
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[73] AUGUST RUEGGEBERG GMBH & CO. KG, DE
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[72] MANGO, LOUIS A., III, US
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[72] HUTT, STEVEN W., US
[73] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US
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[54] **APPAREIL ET PROCEDE POUR PREPARER UNE MOUSSE A PARTIR D'UN LIQUIDE ALIMENTAIRE**
[72] BOUSSEMART, CHRISTOPHE, FR
[72] YOAKIM, ALFRED, CH
[72] CHIARELLA, FRANCESCO, US
[73] NESTEC S.A., CH
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[54] **PROCEDE DE SUPPRESSION D'UNE DEMANDE D'INFORMATION DE LOCALISATION**
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[73] LG ELECTRONICS INC., KR
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[54] **PROCEDE D'ENROBAGE D'UNE MATRICE DE MICRO-AIGUILLES PAR MISE EN CONTACT**
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[72] KNUTSON, GORDON P., US
[72] DAVID, MOSES M., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[72] BOGDANOVA, NADJA, DE
[72] MARKOFF, ARSENI, DE
[72] HORST, JUERGEN, DE
[72] GERKE, VOLKER, DE
[73] UNIVERSITAETSKLINIKUM MUENSTER, DE
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[54] **PREPARATION PHARMACEUTIQUE CONTENANT UNE COMPOSITION DE CONTROLE DU TAUX DE LIBERATION**
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[72] NEY, JAMES R., US
[72] CRUANES, MARIA T., US
[72] WU, YUNHUI, US
[72] PALKAR, SAURABH A., US
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[54] **PROCEDE DE PRODUCTION DE PARTICULES DE METAKAOLIN ET UTILISATION DESDITES PARTICULES**
[72] DENNERT, HANS-VEIT, DE
[73] DENNERT PORAVER GMBH, DE
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[54] **ROBINET A TOURNANT A CAPACITE D'ECOULEMENT AMELIOREE**
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[72] JANAGAN, PARANTHAMAN, US
[73] DEZURIK, INC., US
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[54] **COMPOSES HETEROCYCLIQUES AZOTES SUBSTITUES EN POSITION 1 ET AYANT UN GROUPE .BETA.-D-GLUCOPYRANOSYLE EN POSITION 3 ET MEDICAMENTS CONTENANT CEUX-CI**
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[72] FUSHIMI, NOBUHIKO, JP
[73] KISSEI PHARMACEUTICAL CO., LTD., JP
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[54] **AROMATIC SULFONIC ACIDS, AMINES, AND NITROPHENOLS IN COMBINATION WITH NITROXYL RADICAL-CONTAINING COMPOUNDS OR C-NITROSANILINES AS POLYMERIZATION INHIBITORS**
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[54] **PROCEDE ET MACHINE DE FABRICATION DE PRODUITS FIBREUX A PARTIR D'UNE COMPOSITION DE FABRICATION ET NOUVEAU TYPE DE PRODUIT FIBREUX**
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[72] HANSSON, TORBJORN, SE
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[73] E.I. DUPONT DE NEMOURS AND COMPANY, US
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[72] PENDO, SHAUN, US
[72] GOTTLIEB, REBECCA K., US
[72] BRUSO, GIL, US
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[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **PROCEDE POUR LA PREDICTION DE VALEURS QUANTITATIVES D'UNE PROPRIETE DE ROCHE OU DE FLUIDE DANS UN RESERVOIR METTANT EN OEUVRE DES DONNEES SISMIQUES**
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[72] CALDWELL, DONALD H., US
[72] ALLO, FABIEN, GB
[72] BORNARD, RAPHAEL, GB
[72] COLEOU, THIERRY, FR
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[72] LANFRANCHI, PIERRE, FR
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[54] **PROCESSUS EVOLUTIF POUR CULTIVER DES CELLULES SOUCHES INDIFFERENCIEES EN SUSPENSION**
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[54] **COMPOSES DE DIAZABENZO[DE]ANTHRACENE-3-ONE ET UTILISATION DANS L'INHIBITION DE PARP**
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[72] EL-AAWAR, NASSAR, US
[72] LOHER, DARREN P., US
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[54] **SYSTEME DE COMMUNICATION SANS FIL, METHODE ET SUPPORT MATERIEL LISIBLE A LA MACHINE POUR LA TRANSMISSION DE DONNEES SELON UNE STRUCTURE DE TRAMES D'UNE NORME DE RELAIS A SAUTS MULTIPLES**
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[72] HSIEH, CHIH-CHIANG, CN
[72] LOA, KAN-CHEI, CN
[73] INSTITUTE FOR INFORMATION INDUSTRY, TW
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[54] **PROCEDE DE FORMATION DE MOUSSE ET APPAREIL CONNEXE**
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[72] YAMASHITA, KIICHI, JP
[73] SUNSTAR GIKEN KABUSHIKI KAISHA, JP
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[54] **FORMULATIONS DE GLUCOSE-OXIDASE ET METHODES POUR LES PRODUIRE ET LES UTILISER**
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[72] CHATTARAJ, SARNATH, US
[72] MINNOOR, ELANGO, US
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[54] **PROCEDE ET DISPOSITIF DE TRANSFORMATION THERMOCHIMIQUE D'UN COMBUSTIBLE**
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[54] **TRAITEMENT INITIAL POUR LE RETRAITEMENT DE MATERIAUX DU COEUR D'UN REACTEUR**
[72] FUETTERER, MICHAEL A., NL
[72] SINGER, JOSEF, DE
[72] HOPPE, PETER, DE
[72] BLUHM, HANSJOACHIM, DE
[73] THE EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), REPRESENTED BY THE EUROP EAN COMMISSION, BE
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[54] **CATHODES DE PILE A COMBUSTIBLE**
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[72] KILNER, JOHN, GB
[72] MCCOLM, TOM, GB
[73] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
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[54] **METHOD FOR THE DECOMPOSITION OF N2O, CATALYST THEREFOR AND PREPARATION OF THIS CATALYST**
[54] **PROCEDE DE DECOMPOSITION DE N<SB>2</SB>O, CATALYSEUR A CET EFFET ET PREPARATION DE CELUI-CI**
[72] PIETERSE, JOHANNIS ALOUISIUS ZACHARIAS, NL
[72] VAN DEN BRINK, RUDOLF WILLEM, NL
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[54] **PROCEDE DE PRODUCTION DE DERIVES 2-(2-AMINOPHENYL)-BICYCLOPROPANE**
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[72] CORSI, CAMILLA, CH
[72] EHRENFREUND, JOSEF, CH
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[54] **PURIFICATION DE MUPIROCINE**
[72] BISSCHOPS, MARC ANTONIUS THEODORUS, NL
[72] REIJNS, TIEM GEERT PIETER, NL
[72] MATHIESEN, ANITA, NO
[72] AASSVEEN, LENE, NO
[73] SYNGEN BIOTECH CO., LTD., TW
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[25] EN
[54] **CYCLOHEPTA[B]PYRIDINE-3-CARBONYLGUANIDINE DERIVATIVE AND PHARMACEUTICAL PRODUCT CONTAINING THE SAME AS NHE INHIBITORS**
[54] **DERIVE DE CYCLOHEPTA[B]PYRIDINE-3-CARBONYLGUANIDINE ET PRODUIT PHARMACEUTIQUE CONTENANT LEDIT DERIVE EN TANT QU'INHIBITEUR DES NHE**
[72] UEMOTO, KAZUHIRO, JP
[72] TAKAYANAGI, KOICHI, JP
[72] KAZAYAMA, SHIN-ICHI, JP
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[54] **UTILISATION DE PRODUITS DE POLYCONDENSATION CATIONIQUES SERVANT D'ADDITIFS DE FIXATION DES COULEURS OU D'INHIBITION DU TRANSFERT DES COULEURS DANS DES LESSIVES ET AGENTS DE TRAITEMENT DU LINGE**
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[54] **SYSTEME, METHODE ET APPAREIL POUR LE MONTAGE D'UN SAC-FILTRE SUR UN ASPIRATEUR AVALE-TOUT**
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[72] KATS, LAUREN JAY, US
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[54] **COMPOSE INTERMOLECULAIRE D'UN TRIGLYCERIDE D'ACIDE GRAS**
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[54] **SYSTEME ET PROCEDE DE COMMANDE D'UNE ADMISSION DE DIFFUSION DE MESSAGE**
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[54] **PROCEDE DE SYNTHESE DE PROMEDICAMENTS D'AZOLE HYDROSOLUBLES**
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[54] **SYSTEME D'EPURATION DE GAZ**
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[54] **GENES D'ELONGASE ET UTILISATION DE CES GENES**
[72] MUKERJI, PRADIP, US
[72] LEONARD, AMANDA EUN-YEONG, US
[72] HUANG, YUNG-SHENG, US
[72] THURMOND, JENNIFER, US
[72] KIRCHNER, STEPHEN J., US
[72] PARKER-BARNES, JENNIFER M., US
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[54] **ICE-MAKING DEVICE FOR REFRIGERATOR**
[54] **DISPOSITIF DE FABRICATION DE GLACE POUR UN REFRIGERATEUR**
[72] KIM, MYUNG-SOO, KR
[72] PARK, YOO-MIN, KR
[72] KWON, OH-CHUL, KR
[72] KIM, JONG-GON, KR
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[54] **PREPARATION DE PRODUITS A BOIRE CONTENANT DES COMPOSANTS LAITIERS PRESENTANT UNE STABILITE MICROBIENNE AMELIOREE**
[72] CHAN, WENDY, US
[72] MAYERHAUSER, CAROLYN M., US
[73] PEPSICO, INC., US
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[54] **FORCE LEVEL CONTROL FOR AN ENERGY ABSORBER FOR AIRCRAFT**
[54] **COMMANDE DE NIVEAU DE FORCE DESTINE A UN ABSORBEUR D'ENERGIE POUR AERONEF**
[72] HUMFELDT, DIRK, DE
[72] HARRIEHAUSEN, MICHAEL, DE
[72] SCHROEDER, JAN, DE
[72] SPERBER, MARTIN, DE
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[54] **PROCESS FOR MAKING A POLYISOCYANURATE COMPOSITE**
[54] **PROCEDE SERVANT A FABRIQUER UN COMPOSITE DE POLYISOCYANURATE**
[72] BLEYS, GERHARD JOZEF, BE
[72] HUYGENS, ERIC, BE
[72] ROEKAERTS, STIJN, BE
[72] VANDERVESSE, MARC, BE
[72] VERBEKE, HANS GODELIEVE GUIDO, BE
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[54] **SYSTEME D'OUVERTURE DE COUVERCLE**
[72] KRAEMER, REINHOLD, DE
[72] SATTLER, STEPHAN, DE
[72] MERTSCH, UWE, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **APPAREIL D'EXERCICE ISOMETRIQUE**
[72] SUMMERS, NEIL, GB
[73] ENANEF LIMITED, GB
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[54] **ADDUCTS OF LEVULINIC DERIVATIVES WITH EPOXIDIZED FATTY ACID ESTERS AND USES THEREOF**
[54] **ADDUITS DE DERIVES LEVULINIQUES ET D'ESTERS D'ACIDES GRAS EPOXYDES ET UTILISATIONS**
[72] SELIFONOV, SERGEY, US
[73] SEGETIS, INC., US
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[72] LEHNERT, FRANK, CH
[72] NIEDERHAUSER, URS, CH
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[54] **TRAITEMENT ANTI-VIEILLISSEMENT UTILISANT DES PREPARATIONS DE CUIVRE ET DE ZINC**
[72] RAMIREZ, JOSE E., US
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[73] JR CHEM, LLC, US
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[54] **DETECTION D'UNE CIBLE DANS UN ECHANTILLON**
[72] EICHEN, YOAV, IL
[72] SIVAN, URI, IL
[72] BRAUN, EREZ, IL
[73] TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD., IL
[73] EICHEN, YOAV, IL
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[54] **ENERGY SUPPLY FOR A BLADE ADJUSTMENT DEVICE PERTAINING TO A WIND ENERGY INSTALLATION**
[54] **ALIMENTATION EN ENERGIE POUR UN DISPOSITIF DE REGLAGE DE PALE D'UNE EOLIENNE**
[72] WARFEN, KARSTEN, DE
[72] LETAS, HEINZ-HERMANN, DE
[73] REPOWER SYSTEMS AG, DE
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[54] **TECHNOLOGIE A REACTION ELECTRIQUE POUR LE TRAITEMENT DE COMBUSTIBLES**
[72] ENNIS, BERNARD P., US
[73] EGT ENTERPRISES, INC., US
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[54] **LIQUID TREATMENT UNITIZED DOSE COMPOSITION**
[54] **COMPOSITION DE TRAITEMENT LIQUIDE EN DOSES UNITAIRES**
[72] PANANDIKER, RAJAN KESHAV, US
[72] VETTER, KERRY ANDREW, US
[72] DUNLOP, DAVID SCOTT, US
[72] BRAECKMAN, KARL GHISLAIN, BE
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPOSITION DE TRAITEMENT LIQUIDE**
[72] PANANDIKER, RAJAN KESHAV, US
[72] VETTER, KERRY ANDREW, US
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[72] BRAECKMAN, KARL GHISLAIN, BE
[72] DEPOOT, KAREL JOZEF MARIA, BE
[72] COMBS, MARY JANE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **SUPPORT POUR ECHELLE**
[72] GOODROW, RODGER ANDREW, US
[72] RICHTER, THOMAS, US
[72] SAUTTER, ROBERT H., US
[73] ADRIAN STEEL CO., US
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[54] **COMPACTED IMPLANTABLE MEDICAL DEVICES AND METHOD OF COMPACTING SUCH DEVICES**
[54] **DISPOSITIFS MEDICAUX IMPLANTABLES COMPRIMES ET PROCEDE PERMETTANT DE COMPRIMER CES DISPOSITIFS**
[72] CULLY, EDWARD H., US
[72] FLURY, KEITH M., US
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[54] **MULTICARRIER SYSTEM WITH STORED APPLICATION PROFILES FOR SUPPORTING MULTIPLE APPLICATIONS**
[54] **SYSTEME A PORTEUSES MULTIPLES AVEC STOCKAGE DE PROFILS D'APPLICATIONS A DES FINS DE PRISE EN CHARGE D'APPLICATIONS MULTIPLES**
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[54] **METHODS AND APPARATUS FOR SELECTING DIGITAL TECHNOLOGY FOR PROGRAMMING AND DATA DELIVERY**
[54] **PROCEDES ET APPAREILS DE SELECTION DE TECHNOLOGIES NUMERIQUES DE PROGRAMMATION ET TRANSMISSION DE DONNEES**
[72] HASEK, CHARLES A., US
[72] MARKLEY, JEFFREY P., US
[73] TIME WARNER CABLE INC., US
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[54] **MAPPING IN MOBILE DATA COLLECTION SYSTEMS, SUCH AS FOR UTILITY METER READING AND RELATED APPLICATIONS**
[54] **MISE EN CORRESPONDANCE DE SYSTEMES MOBILES DE COLLECTE DE DONNEES, COMME POUR APPLICATIONS DE RELEVES DE COMPTEURS DE SERVICE PUBLIC ET APPLICATIONS CONNEXES**
[72] HOINESS, STEVE, US
[72] HOKE, RENEE, US
[72] EDWARDS, CHARLES G., US
[72] BLUM, JEFFREY N., US
[73] ITRON, INC., US
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[54] **ORGANE D'ENTRAINEMENT D'EOLIENNE**
[72] SMOOK, WARREN GREGORY, BE
[72] VAN BOGAERT, ANNAIEK, BE
[72] VERBIEST, RIK, BE
[73] ZF WIND POWER ANTWERPEN NV, BE
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[54] **METHOD FOR DISTRIBUTING BRAKE PROPORTIONING AMONG AIRCRAFT BRAKES**
[54] **PROCEDE DE REPARTITION DU FREINAGE ENTRE LES FREINS D'UN AERONEF**
[72] DELLAC, STEPHANE, FR
[72] JACQUET, ARNAUD, FR
[72] GISSINGER, GERARD LEON, FR
[72] BASSET, MICHEL, FR
[72] CHAMAILLARD, YANN, FR
[72] GARCIA, JEAN-PIERRE, FR
[73] MESSIER-BUGATTI, FR
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[51] **Int.Cl. A61K 31/4015 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01)**
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[54] **SUBSTANCE EXHIBITING NEUROMODULATOR ACTIVITY**
[54] **SUBSTANCE DEMONTRANT UNE ACTIVITE NEUROMODULATRICE**
[72] AKHAPKINA, VALENTINA IVANOVNA, RU
[72] VORONINA, TATIANA ALEKSANDROVNA, RU
[72] AKHAPKIN, ROMAN VITALEVICH, RU
[73] AKHAPKINA, VALENTINA IVANOVNA, RU
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[54] **PROPAGATING USEFUL INFORMATION AMONG RELATED WEB PAGES, SUCH AS WEB PAGES OF A WEBSITE**
[54] **DISSEMINATION D'INFORMATIONS UTILES SUR DES PAGES INTERNET CONNEXES, TELLES LES PAGES D'UN SITE INTERNET**
[72] EGNOR, DANIEL, US
[72] HAAHR, PAUL, US
[72] LACKER, KEVIN, US
[72] LAMPING, JOHN, US
[72] SINGHAL, AMITABH K., US
[72] YANG, KE, US
[73] GOOGLE, INC., US
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[25] EN
[54] **APPARATUS FOR EXTRUSION-BLOW MOLDING A BOTTLE FOR ASSEMBLY WITH METAL CAN END**
[54] **APPAREIL D'EXTRUSION-SOUFFLAGE DE BOUTEILLE A ASSEMBLER AVEC UNE EXTREMITE DE BOITE METALLIQUE**
[72] THIERJUNG, GEORGE A., US
[72] RICHARDSON, MICHAEL D., US
[72] KAANTA, JASON M., US
[73] AMCOR RIGID PLASTICS USA, INC., US
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[54] **EDITION DE TEXTE DANS UN GRAPHIQUE TRIDIMENSIONNEL**
[72] GERHARD, LUTZ, US
[72] DICKENS, CHRISTOPHER D., US
[72] DAW, CRAIG L., US
[72] BERGER, DAMIEN N., US
[72] LONG, JASON E., US
[73] MICROSOFT CORPORATION, US
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[25] EN
[54] **UNSATURATED FATTY ACID SYNTHASE GENE ORIGINATING IN MARCHANTIALES PLANT AND UTILIZATION OF THE SAME**
[54] **GENE DE LA SYNTHASE D'ACIDE GRAS INSATURE PROVENANT D'UNE PLANTE MARCHANTIALE ET UTILISATION CORRESPONDANTE**
[72] OHYAMA, KANJI, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[86] (2648274)
[87] (2648274)
[22] 2004-12-22
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[25] EN
[54] **METHODS AND SYSTEMS FOR DECORATING BEVEL AND OTHER SURFACES OF LAMINATED FLOORINGS**
[54] **PROCEDES ET SYSTEMES DE DECORATION DE CHANFREINS ET D'AUTRES SURFACES DE PLANCHERS STRATIFIES**
[72] CHEN, HAO A., US
[73] MANNINGTON MILLS, INC., US
[85] 2008-11-10
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[54] **UTILISATION D'UN SYSTEME DE RENOMMAGE POUR REEXPEDIER DES RESULTATS INTERMEDIAIRES ENTRE DES INSTRUCTIONS CONSTITUTIVES D'UNE INSTRUCTION DEVELOPPEE**
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[72] NUNAMAKER, NATHAN SAMUEL, US
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[54] **SUPPORT DE STOCKAGE D'INFORMATIONS COMPRENANT UNE STRUCTURE DE DONNES MULTIVISEES ET DISPOSITIF ASSOCIE**
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[54] **PROCEDE DE CODAGE ET PROCEDE DE DECODAGE VIDEO, LEUR DISPOSITIF, LEUR PROGRAMME ET SUPPORT A PROGRAMME ENREGISTRE**
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[72] LUHER, ROBERT BRIAN, US
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[54] **PROCEDE PERMETTANT D'ATTENUER LES EFFETS SECONDAIRES D'UN TRAITEMENT A L'ACIDE RETINOIQUE ET/OU D'AMELIORER SON EFFICACITE SANS ENTRAVER L'EFFICACITE D'UN TEL TRAITEMENT**
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[54] **PROCEDE DE CONTROLE DE DEBIT BINAIRE DE CODAGE ET APPAREIL, PROGRAMME ASSOCIE ET SUPPORT DE STOCKAGE DU PROGRAMME**
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[54] **DISPOSITIF D'ECLAIRAGE DE LAMPE A DECHARGE A HAUTE PRESSION ET LUMINAIRE Y FAISANT APPEL**
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[72] MATSUZAKI, NOBUTOSHI, JP
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[54] **SYSTEME D'EMISSION/RECEPTION DE DIFFUSION NUMERIQUE A FONCTIONNEMENT DE RECEPTION AMELIORE ET SON PROCEDE DE TRAITEMENT DE SIGNAL**
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[54] **EMPILEMENT ACOUSTIQUE POUR DES TRANSDUCTEURS ULTRASONORES ET SON PROCEDE DE FABRICATION**
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[54] **DISPOSITIF DE COMBUSTION DE BOUGIE**
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[54] **CARBON MEMBRANE AND METHOD FOR MANUFACTURING THE SAME**
[54] **MEMBRANE DE CARBONE ET PROCEDE DE FABRICATION**
[72] ICHIKAWA, AKIMASA, JP
[72] TAKENO, SHOGO, JP
[72] UCHIKAWA, TETSUYA, JP
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[72] HABERMANN, JOERG, IT
[72] MACKAY, ANGELA CLAIRE, IT
[72] NARJES, FRANK, IT
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[54] **SYSTEME ET PROCEDE D'ANALYSE DE FLUIDES AU NIVEAU D'UN SITE DE FORAGE**
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[72] STOCK, TORE, NO
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[54] **SUPPORT ET PLATEAU AUTONOMES, PORTATIFS ET REGLABLES**
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[54] **REVETEMENTS ANTIMICROBIENS POUR INSTRUMENTS MEDICAUX CONTENANT UN POLYPEPTIDE GENERANT DU PEROXYDE D'HYDROGENE EN RESPONSE A L'EXPOSITION A UN LIGAND, ET METHODES DE FABRICATION ET D'UTILISATION DE TELS REVETEMENTS**
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[54] **INHIBITEURS DE LA REPLICATION DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE**
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[54] **COMPOSE AMINO PYRAZOLE**
[72] BURKHOLDER, TIMOTHY PAUL, US
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[73] ELI LILLY AND COMPANY, US
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[54] **PROCEDE PERMETTANT A UNE STATION DE BASE D'OBTENIR DES INFORMATIONS DE CAPACITES RADIO D'EQUIPEMENTS UTILISATEURS DANS UN SYSTEME DU TYPE EVOLUTION A LONG TERME**
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[54] **DERIVE DE 1-HETERODIENE ET AGENT DE LUTTE CONTRE DES ORGANISMES NOCIFS**
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[72] TAKAHASHI, JYUN, JP
[72] HAMAMOTO, ISAMI, JP
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[54] **SYSTEME DE COLLECTE DES FEUILLES AVEC UN SOUFFLEUR/ASPIRATEUR PORTABLE ET UN COUVERCLE PERMETTANT LE REJET ET LA RETENTION DES DEBRIS DANS UN SAC**
[72] LALIBERTE, WILLIAM W. L., CA
[72] LALIBERTE, DENIS D. L., CA
[73] LALIBERTE, WILLIAM W. L., CA
[73] LALIBERTE, DENIS D. L., CA
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[54] **APPAREIL ET PROCEDE DE RECHARGE D'UN RECIPIENT RECHARGEABLE**
[72] FICAI, PIETRANDREA G., IT
[72] SOMERS, PIERRE, CA
[73] SURFACE TECHNOLOGIES IP AG, CH
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[54] **LOCKING SYSTEM FOR A STORAGE CONTAINER**
[54] **SYSTEME DE VERROUILLAGE POUR CONTENANT DE RANGEMENT**
[72] WAGH, SNEHAL MADHAVRAO, IN
[72] BERGUM, ROBERT A., US
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[54] **APPAREIL DE TRANSMISSION DE PUISSANCE POUR VEHICULE HYBRIDE**
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[72] FUJIMOTO, SHINJI, JP
[72] IKEGAMI, TAKEFUMI, JP
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[54] **PRODUIT D'ENREGISTREMENT DE TRANSACTIONS AVEC BOUTONS A ECLAIRAGE SELECTIF**
[72] ALBRECHT, JESSICA D., US
[72] HAGUE, MADELAINE ANN, US
[72] MUTHER, AARON, US
[72] PETERS, ALLAN, US
[72] WEAVER, ROBERT JEROME, US
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[54] **STERILISATEUR DE BALLON DE SPORT**
[72] KREITENBERG, ARTHUR, US
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[54] **FORMAGE D'AIMANTS DANS UNE MACHINE SYNCHRONE A AIMANTS PERMANENTS**
[72] WILKINS, MATTHEW M., CA
[72] MCARTHUR, JOHNATHON G. R., CA
[73] FLYWHEEL ENERGY SYSTEMS INC., CA
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[54] **DISPOSITIF DE GESTION DE LA CONSOMMATION D'ENERGIE BASE SUR LES TARIFS**
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[54] **UTILISATION DE LA PREVALENCE DE FICHIERS VISANT A DETERMINER L'AGRESSIVITE D'UNE HEURISTIQUE A BASE COMPORTEMENTALE**
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[72] CHEN, JOSEPH, US
[73] SYMANTEC CORPORATION, US
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[72] LE DEVEHAT, YANNICK, CA
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[73] PLURITAG INC., CA
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[73] AAR CORP., US
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[54] **SYSTEMES ET PROCEDES DE COMMUTATION DE CANAUX**
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[72] BENNETT, CHRISTOPHER JOHN, US
[72] LOUKAS, SERAFIM S., JR., US
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[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE ET APPAREIL POUR ENFONCEMENT DE PIEU**
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[73] FLATIRON CONSTRUCTORS, INC., US
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[54] **RETRACTABLE SCREEN DOOR COMPONENTS AND METHOD**
[54] **COMPOSANTS DE PORTE POUR ECRAN-RIDEAU RETRACTABLE ET PROCEDE CORRESPONDANT**
[72] TAGTOW, GARY E., US
[72] RENNICH, DEAN A., US
[72] HAGEMEYER, BRUCE A., US
[72] SPOELSTRA, RONALD L., US
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[54] **OPTICAL IMAGING SYSTEM FOR OBTAINING MULTI-FIELD-OF-VIEW IMAGE**
[54] **SYSTEME D'IMAGERIE OPTIQUE POUR L'OBTENTION D'UNE IMAGE DE CHAMPS DE VUES MULTIPLES**
[72] BERGERON, ALAIN, CA
[72] JEROMINEK, HUBERT, CA
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**June 9, 2013 to June 15, 2013**

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[54] **SYSTEME DE REGISTRE DE CHAMBRE A COMBUSTION**
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[54] **DISPOSITIF D'ELIMINATION DE POUSSIERE**
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[71] EARTH ALIVE CLEAN TECHNOLOGIES INC., CA
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[54] **REVETEMENTS DE SECURITE INTERCHANGEABLES DE PILOTES DE PISTOLETS A DOUILLE PNEUMATIQUES OU ELECTRIQUES**
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[54] **DIVOT TOOLS AND METHODS OF MAKING DIVOT TOOLS**
[54] **OUTILS POUR TOUFFE DE GAZON ET METHODES DE FABRICATION D'OUTILS POUR TOUFFE DE GAZON**
[72] SOLHEIM, JOHN A., US
[72] COLE, ERIC V., US
[72] FIFE, JAKE, US
[71] KARSTEN MANUFACTURING CORPORATION, US
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[54] **MODULE DE CAMERA AYANT UN BARILLET EN SALLIE**
[72] GRANDIN, THOMAS G., CA
[72] CHOI, YUN SEOK, CA
[72] LAUSTSEN, SOREN, CA
[71] RESEARCH IN MOTION LIMITED, CA
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[54] **SYSTEME DE GESTION DE MATERIAU ET METHODE DE RECYCLAGE DE PAVEMENT CONTINU SUR PLACE A FROID**
[72] BELLEROSE, MICHEL, CA
[72] BOURGEOIS, MARTIN, CA
[71] GESTION D'EQUIPEMENTS B.T. INC., CA
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[54] **BOITE DE DISTRIBUTION D'ALIMENTATION PORTATIVE**
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[72] KOBERG, JAMES JEROME, US
[72] AMACHER, BRIAN ALLEN, US
[72] DEMARS, JASON ROBERT, US
[72] DAHL, CHRISTOPHER ALAN, US
[71] TRYSTAR, INC., US
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[54] **METHOD FOR MONITORING THE QUALITY OF THE PRIMER LAYER APPLIED TO A MOTOR-VEHICLE BODY PRIOR TO PAINTING**
[54] **METHODE DE SURVEILLANCE DE LA QUALITE DE LA COUCHE D'APPRET APPLIQUEE SUR LE CHASSIS D'UN VEHICULE A MOTEUR AVANT LA PEINTURE**
[72] TERRENO, ANDREA, IT
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[54] **MECANISMES POUR DEPLOYER ET ACTIVER LES CORPS PROFILES SUR LES VEHICULES AERIENS NON HABITES**
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[54] **METHODE ET APPAREILS POUR FABRIQUER DES PROFILS AERODYNAMIQUES INTEGRES A GRANDE ECHELLE**
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[54] **PROCESSUS DE TRANSACTION POUR LES DISPOSITIFS DE COMMUNICATION MOBILES SANS FIL ET METHODES ASSOCIEES**
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[54] **APPAREIL D'AGRAFAGE CHIRURGICAL COMPRENANT UN ERGOT CHIRURGICAL LIBERABLE**
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[72] HODGKINSON, GERALD, US
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[72] MIESSE, ANDREW, US
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[54] **APPAREIL D'AGRAFAGE CHIRURGICAL COMPRENANT UNE FIXATION DE CONTREFORT PAR PATTES**
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[54] **PROCEDE ET AERONEF A VOILURE TOURNANTE OPTIMISE AFIN DE MINIMISER LES CONSEQUENCES D`UN ATTERRISSAGE GLISSE D`URGENCE HORS NORME**
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[72] JOHANSSON, CARL-ALVAR, SE
[71] JOHN BEAN TECHNOLOGIES AB, SE
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[72] CHACON, RICHARD, US
[72] RAY, MARK, US
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[54] **DISPOSITIF ET METHODE DE FRITTAGE DE PRODUITS FRITTES**
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[72] POPP, PETER, DE
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[71] HYDRIL USA MANUFACTURING LLC, US
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[25] EN
[54] **SHOCK ABSORBERS FOR PROTECTIVE BODY GEAR**
[54] **AMORTISSEURS POUR STRUCTURE DE PROTECTION CORPORELLE**
[72] FERRARA, VINCENT, US
[72] REYNOLDS, ALEXANDER, US
[72] LAMSON, KYLE, US
[71] XENITH, LLC, US
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[41] 2013-06-14
[30] US (13/325,716) 2011-12-14
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[51] **Int.Cl. F02C 7/36 (2006.01) F02C 3/107 (2006.01) F02C 3/113 (2006.01)**
[25] EN
[54] **TURNING GEAR FOR GAS TURBINE ARRANGEMENTS**
[54] **ENGRENAGE TOURNANT POUR DISPOSITIFS DE TURBINE A GAZ**
[72] MARCUCCI, DANIELE, IT
[72] MILANI, GIULIANO, IT
[71] NUOVO PIGNONE S.P.A., IT
[22] 2012-11-29
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[51] **Int.Cl. F01D 9/04 (2006.01) B23P 15/04 (2006.01)**
[25] EN
[54] **STEAM TURBINE, BLADE, AND METHOD**
[54] **TURBINE A GAZ, PALE ET METHODE**
[72] GRILLI, MARCO, IT
[72] GIUSTI, ENRICO, IT
[72] IMPARATO, ENZO, IT
[71] NUOVO PIGNONE S.P.A., IT
[22] 2012-11-29
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[51] **Int.Cl. F25B 27/02 (2006.01)**
[25] EN
[54] **CLOSED CYCLE SYSTEM FOR RECOVERING WASTE HEAT**
[54] **SYSTEME DE CIRCUIT FERME POUR RECUPERER LA CHALEUR PERDUE**
[72] MAVURI, RAJESH, IN
[72] KOSAMANA, BHASKARA, IN
[71] NUOVO PIGNONE S.P.A., IT
[22] 2012-11-29
[41] 2013-06-14
[30] IT (CO2011A000063) 2011-12-14

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[13] A1
[51] **Int.Cl. G07B 17/00 (2006.01) B65G 15/42 (2006.01)**
[25] EN
[54] **PRESSURE DEVICE WITH RESILIENT ELEMENTS**
[54] **DISPOSITIF A PRESSION DOTE D'ELEMENTS RESILIENTS**
[72] ORTMANN, AXEL, DE
[72] MUHL, WOLFGANG, DE
[72] WOELM, DIETER, DE
[72] HANTEL, ULRICH, DE
[71] FRANCOTYP-POSTALIA GMBH, DE
[22] 2012-12-03
[41] 2013-06-14
[30] DE (20 2011 109 208) 2011-12-14

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[13] A1
[51] **Int.Cl. B21D 37/00 (2006.01)**
[25] EN
[54] **PUNCH ASSEMBLY**
[54] **ENSEMBLE DE POINCON**
[72] NORDLIN, WILLIAM F., US
[72] CZYZEWSKI, PETER, US
[71] GREENLEE TEXTRON INC., US
[22] 2012-12-04
[41] 2013-06-09
[30] US (61/568,893) 2011-12-09

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[51] **Int.Cl. H04W 12/06 (2009.01) H04N 5/335 (2011.01)**
[25] EN
[54] **SECURE AUTHENTICATION**
[54] **AUTHENTIFICATION SECURISEE**
[72] COURTNEY, SEAN ALEXANDER, CA
[72] LITTLE, HERBERT ANTHONY, CA
[72] TRUSKOVSKY, ALEXANDER, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-11-28
[41] 2013-06-09
[30] EP (11192908.9) 2011-12-09

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[13] A1
[51] **Int.Cl. A42B 1/22 (2006.01) A42B 1/00 (2006.01)**
[25] EN
[54] **STRETCHABLE CAP HAVING SIZE CONTROLLER**
[54] **BOUCHON ELASTIQUE AYANT UN DISPOSITIF DE CONTROLE DE LA TAILLE**
[72] CHO, BYOUNG-WOO, KR
[71] YUPOONG, INC., KR
[22] 2012-11-27
[41] 2013-06-09
[30] KR (10-2011-0132223) 2011-12-09

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[13] A1
[51] **Int.Cl. G06T 7/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROCESSING IMAGES FOR INSPECTION OF AN OBJECT**
[54] **METHODES ET SYSTEMES DE TRAITEMENT D'IMAGES POUR L'INSPECTION D'UN OBJET**
[72] BROOKSBY, GLEN WILLIAM, US
[72] MENDONCA, PAULO RICARDO DOS SANTOS, US
[72] LIU, SHUBAO, US
[72] SONG, QI, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-11-29
[41] 2013-06-13
[30] US (13/323,957) 2011-12-13

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[51] **Int.Cl. B61G 9/04 (2006.01)**
[25] EN
[54] **RAILROAD FREIGHT CAR DRAFT GEAR ASSEMBLY**
[54] **ENSEMBLE D'EMBRAYAGE POUR WAGON DE TRANSPORT**
[72] WILT, DONALD E., US
[72] SALIS, KEITH A., US
[72] HANSEN, LAWRENCE W., US
[71] MINER ENTERPRISES, INC., US
[22] 2012-11-28
[41] 2013-06-14
[30] US (13/374,160) 2011-12-14

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[13] A1
[51] **Int.Cl. H01B 7/00 (2006.01) H01T 13/05 (2006.01)**
[25] EN
[54] **IGNITION LEAD**
[54] **CABLE D'ALLUMAGE**
[72] KENWORTHY, MICHAEL THOMAS, US
[72] KAMAT, SHEKHAR SHRIPAD, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2012-11-29
[41] 2013-06-12
[30] US (13/316,852) 2011-12-12

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[13] A1
[51] **Int.Cl. F24F 11/02 (2006.01) F24F 11/00 (2006.01) H02M 1/00 (2007.10)**
[25] EN
[54] **INVERTER CONTROLLER, METHOD OF OPERATION THEREOF AND FIELD-INSTALLABLE RETROFIT KIT INCORPORATING THE SAME**
[54] **REGULATEUR-ONDULEUR, SA METHODE DE FONCTIONNEMENT ET UNE TROUSSE D'INSTALLATION SUR PLACE L'INTEGRANT**
[72] HAVARD, HAROLD G., JR., US
[72] PEREZ, ERIC M., US
[72] JEWELL, TERRY D., US
[72] HUNG, DER-KAI, US
[71] LENNOX INDUSTRIES INC., US
[22] 2012-11-30
[41] 2013-06-15
[30] US (13/327,475) 2011-12-15

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **FUNCTIONAL PORTABLE DEVICE FOR EVENT ACCESS AND DELIVERY**
[54] **DISPOSITIF PORTABLE FONCTIONNEL POUR L'ACCESS A UN EVENEMENT ET SA DISTRIBUTION**
[72] FUERSTENBERG, ZACK, US
[72] DELOO, LORI VAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[22] 2012-11-30
[41] 2013-06-09
[30] US (61/569,127) 2011-12-09

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[13] A1
[51] **Int.Cl. E05F 15/00 (2006.01) G08C 17/02 (2006.01) G08C 19/00 (2006.01)**
[25] EN
[54] **ACCESS AUTHORIZATION VIA LOCATION-AWARE AUTHORIZATION DEVICE**
[54] **AUTORISATION D'ACCES PAR DISPOSITIF D'AUTORISATION CONSCIENT DE L'EMPLACEMENT**
[72] MURRAY, JAMES SCOTT, US
[71] THE CHAMBERLAIN GROUP, INC., US
[22] 2012-11-30
[41] 2013-06-09
[30] US (13/315,810) 2011-12-09

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[13] A1
[51] **Int.Cl. H02B 1/00 (2006.01) H02B 99/00 (2009.01) H02B 1/01 (2006.01) H02B 1/30 (2006.01) H02B 1/50 (2006.01)**
[25] EN
[54] **SUPPORTING STRUCTURE FOR AN ELECTRICAL APPARATUS FOR THE ELECTRICAL CONTROL OR PROTECTION OF A MEDIUM-VOLTAGE ELECTRICAL CELL**
[54] **STRUCTURE DE SOUTIEN POUR UN APPAREIL ELECTRIQUE POUR LE CONTROLE ELECTRIQUE OU LA PROTECTION D'UNE CELLULE ELECTRIQUE A TENSION MOYENNE**
[72] LAYE, JEROME, FR
[71] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
[22] 2012-11-23
[41] 2013-06-12
[30] FR (11 03 799) 2011-12-12

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[13] A1
[51] **Int.Cl. B64C 13/30 (2006.01) B64C 3/50 (2006.01) F16J 15/56 (2006.01)**
[25] EN
[54] **TRANSLATING CABLE DEVICE SEALING**
[54] **JOINT DE DISPOSITIF DE CABLE RECTILIGNE**
[72] WILSON, JAMES, GB
[72] HADLEY, PAUL, GB
[72] TEODORU, ALEX, GB
[71] AIRBUS OPERATIONS LIMITED, GB
[22] 2012-11-29
[41] 2013-06-14
[30] GB (GB1121447.5) 2011-12-14

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[13] A1
[51] **Int.Cl. H01R 25/14 (2006.01) H02G 5/00 (2006.01) H02G 5/04 (2006.01)**
[25] EN
[54] **ELECTRICAL BUSWAY PLUG-IN UNIT WITH IMPROVED RESTRAINT MECHANISM**
[54] **MODULE DE PRISE POUR BARRE BLINDEE DOTE D'UN MECANISME DE BLOCAGE AMELIORE**
[72] DOZIER, STEVEN W., US
[71] SCHNEIDER ELECTRIC USA, INC., US
[22] 2012-12-05
[41] 2013-06-13
[30] US (13/323,923) 2011-12-13

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[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F01D 9/02 (2006.01) F16B 19/02 (2006.01) F16B 21/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE PART RETENTION**
[54] **DISPOSITIF DE RETENUE DE PIECE DE MOTEUR DE TURBINE A GAZ**
[72] CHUONG, CONWAY, US
[72] WERNER, KURT P., US
[72] DUELM, SHELTON O., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2012-12-05
[41] 2013-06-13
[30] US (13/324,110) 2011-12-13

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[13] A1
[51] **Int.Cl. B64C 25/26 (2006.01) B66F 3/08 (2006.01) F16H 25/08 (2006.01)**
[25] EN
[54] **AUTOMATICALLY LOCKING LINEAR ACTUATOR**
[54] **ACTUATEUR LINEAIRE A BLOCAGE AUTOMATIQUE**
[72] KOPECEK, JOSEPH THOMAS, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2012-12-06
[41] 2013-06-14
[30] US (13/325,115) 2011-12-14

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[13] A1
[51] **Int.Cl. A23L 1/275 (2006.01)**
[25] EN
[54] **OIL MISCIBLE WATER SOLUBLE COLOR STABLE COMPOSITION AND PROCESS**
[54] **COMPOSITION COULEUR STABLE SOLUBLE DANS L'EAU MISCIBLE DANS L'HUILE ET PROCEDE**
[72] LUHADIYA, ASHOK, US
[71] D.D. WILLIAMSON & CO., INC., US
[22] 2012-12-06
[41] 2013-06-12
[30] US (13/316,644) 2011-12-12

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[51] **Int.Cl. F16B 1/00 (2006.01) B25B 5/00 (2006.01) F16B 2/12 (2006.01) F16B 7/04 (2006.01)**
[25] EN
[54] **CLAMP**
[54] **PINCE**
[72] MERHAR, THOMAS, LI
[72] LIPPUNER, RALPH, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2012-12-04
[41] 2013-06-12
[30] EP (11193090.5) 2011-12-12

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[13] A1
[51] **Int.Cl. B64C 1/06 (2006.01) B64C 1/18 (2006.01) B64C 25/00 (2006.01)**
[25] FR
[54] **PERFECTED AIRCRAFT FORE-STRUCTURE INCLUDING A LANDING GEAR COMPARTMENT**
[54] **STRUCTURE AVANT D'AVION PERFECTIONNEE A COMPARTIMENT POUR TRAIN D'ATTERRISSAGE**
[72] BERNADET, PHILIPPE, FR
[72] LIEVEN, PATRICK, FR
[72] DUGERIE, MARC, FR
[72] MIALHE, CHRISTOPHE, FR
[72] DELAHAYE, ROMAIN, FR
[71] AIRBUS OPERATIONS SAS, FR
[22] 2012-11-27
[41] 2013-06-12
[30] FR (11 61 462) 2011-12-12

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[13] A1
[51] **Int.Cl. B64C 1/06 (2006.01) B64C 1/18 (2006.01) B64C 25/00 (2006.01)**
[25] FR
[54] **AIRCRAFT FORE-STRUCTURE AND STORAGE COMPARTMENT FOR FORWARD LANDING GEAR**
[54] **STRUCTURE AVANT D'AVION ET DE CASE DE RANGEMENT DE TRAIN D'ATTERRISSAGE AVANT**
[72] BERNADET, PHILIPPE, FR
[72] LIEVEN, PATRICK, FR
[72] DUGERIE, MARC, FR
[72] DELAHAYE, ROMAIN, FR
[71] AIRBUS OPERATIONS SAS, FR
[22] 2012-11-26
[41] 2013-06-12
[30] FR (11 61 465) 2011-12-12

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[13] A1
[51] **Int.Cl. G03G 9/08 (2006.01) B41J 27/16 (2006.01) C09C 1/56 (2006.01) C09C 3/00 (2006.01) G03G 9/093 (2006.01)**
[25] EN
[54] **TONERS WITH IMPROVED DIELECTRIC LOSS**
[54] **ENCRES SECHES OFFRANT UNE PERTE DIELECTRIQUE AMELIOREE**
[72] ZHOU, KE, CA
[72] CARLINI, RINA, CA
[72] VANBESIEN, DARYL W., CA
[72] VONG, CUONG, CA
[72] MOFFAT, KAREN A., CA
[72] VEREGIN, RICHARD P.N., CA
[71] XEROX CORPORATION, US
[22] 2012-12-07
[41] 2013-06-14
[30] US (13/326,242) 2011-12-14

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[13] A1
[51] **Int.Cl. G06K 7/01 (2006.01) G08B 21/18 (2006.01) G08B 25/10 (2006.01) G07F 19/00 (2006.01)**
[25] EN
[54] **CARD READER PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION DE LECTEUR DE CARTES**
[72] RANDOLPH, JOSEPH P., US
[71] PARABIT SYSTEMS, INC., US
[22] 2012-12-07
[41] 2013-06-13
[30] US (13/324,375) 2011-12-13

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/40 (2006.01)**
[25] EN
[54] **ROLLED STEEL LIP FOR EXCAVATOR BUCKET WITH WEAR INDICATION MEANS**
[54] **REBORD EN ACIER LAMINE POUR GODET EXCAVATEUR DOTE DE MOYENS INDICATEURS D'USURE**
[72] ZAMORANO JONES, CLAUDIO, CL
[71] MINETEC S.A., CL
[22] 2012-12-10
[41] 2013-06-09
[30] CL (3127-2011) 2011-12-09

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[13] A1
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HEATING, VENTILATION AND AIR CONDITIONING SYSTEM USER INTERFACE HAVING SERVICE REMINDERS ON A SINGLE SCREEN AND METHOD OF OPERATION THEREOF**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR OFFRANT DES RAPPELS DE SERVICE SUR UN SEUL ECRAN ET SA METHODE D'UTILISATION**
[72] BIAS, LARRY S., US
[72] DIFULGENTIZ, BOBBY, US
[72] VENDT, STEPHEN J., US
[72] CASTILLO, DANIEL, US
[72] MLAMBO, GABAZA B., US
[71] LENNOX INDUSTRIES INC., US
[22] 2012-12-10
[41] 2013-06-13
[30] US (61/569,859) 2011-12-13
[30] US (13/432,668) 2012-03-28

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[13] A1
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HEATING, VENTILATION AND AIR CONDITIONING SYSTEM USER INTERFACE HAVING PROPORTIONAL ANIMATION GRAPHICS AND METHOD OF OPERATION THEREOF**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR AYANT DES ANIMATIONS PROPORTIONNELLES ET SA METHODE D'UTILISATION**
[72] BIAS, LARRY S., US
[72] DIFULGENTIZ, BOBBY, US
[72] VENDT, STEPHEN J., US
[72] CASTILLO, DANIEL, US
[72] MLAMBO, GABAZA B., US
[71] LENNOX INDUSTRIES INC., US
[22] 2012-12-10
[41] 2013-06-13
[30] US (61/569,859) 2011-12-13
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[13] A1
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HEATING, VENTILATION AND AIR CONDITIONING SYSTEM USER INTERFACE HAVING ADJUSTABLE FONTS AND METHOD OF OPERATION THEREOF**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR AYANT DES POLICES MODIFIABLES ET SA METHODE D'UTILISATION**
[72] BIAS, LARRY S., US
[72] DIFULGENTIZ, BOBBY, US
[72] VENDT, STEPHEN J., US
[72] CASTILLO, DANIEL, US
[72] MLAMBO, GABAZA B., US
[71] LENNOX INDUSTRIES INC., US
[22] 2012-12-10
[41] 2013-06-13
[30] US (61/569,859) 2011-12-13
[30] US (13/432,929) 2012-03-28

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[13] A1
[51] **Int.Cl. F16L 37/127 (2006.01) F16L 37/12 (2006.01) F16L 47/00 (2006.01) F16L 55/027 (2006.01) F25D 23/00 (2006.01)**
[25] EN
[54] **QUICK-CONNECT TUBE COUPLING**
[54] **ACCOUPLEMENT DE TUBE A CONNEXION RAPIDE**
[72] CHRISTIAN, EARL, JR., US
[72] BLUE, WILLIAM, US
[72] GARDNER, SCOTT R., US
[72] HOCHSTETLER, WILLIAM SHANE, US
[72] KEMP, MATTHEW L., US
[72] DAVIS, DEWAYNE, US
[71] CHRISTIAN, EARL, JR., US
[71] BLUE, WILLIAM, US
[71] GARDNER, SCOTT R., US
[71] HOCHSTETLER, WILLIAM SHANE, US
[71] KEMP, MATTHEW L., US
[71] DAVIS, DEWAYNE, US
[22] 2012-12-07
[41] 2013-06-09
[30] US (61/568,905) 2011-12-09

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[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) E21D 20/02 (2006.01)**
[25] EN
[54] **ROCK BOLT**
[54] **BOULON D'ANCRAGE**
[72] STEYN, JOHANN, ZA
[71] RSC MINING (PTY) LTD., ZA
[22] 2012-12-06
[41] 2013-06-14
[30] ZA (2011/09192) 2011-12-14

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[13] A1
[51] **Int.Cl. G01P 5/165 (2006.01)**
[25] EN
[54] **PROBE FOR MEASURING THE TOTAL PRESSURE OF A FLOW AND METHOD FOR IMPLEMENTING THE PROBE**
[54] **SONDE POUR MESURER LA PRESSION TOTALE D'UN DEBIT ET METHODE DE MISE EN PLACE DE LA SONDE**
[72] LEBLOND, HENRI, FR
[72] JAULAIN, YVES, FR
[72] PINEAU, JEAN-PHILIPPE, FR
[71] THALES, FR
[22] 2012-12-07
[41] 2013-06-09
[30] FR (1103779) 2011-12-09

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[13] A1
[51] **Int.Cl. A41D 13/012 (2006.01) A41D 13/02 (2006.01)**
[25] EN
[54] **WADER**
[54] **BOTTES-PANTALONS**
[72] HARE, SHANE, US
[71] CABELA'S INCORPORATED, US
[22] 2012-12-11
[41] 2013-06-14
[30] US (13/325,744) 2011-12-14

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[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) F16B 7/00 (2006.01) F16B 13/00 (2006.01)**
[25] EN
[54] **ROCK BOLT AND ROCK BOLT COMPONENT**
[54] **BOULON D'ANCRAGE ET COMPOSANTE DE BOULON D'ANCRAGE**
[72] STEYN, JOHANN, ZA
[71] RSC MINING (PTY) LTD., ZA
[22] 2012-12-06
[41] 2013-06-09
[30] ZA (2011/09056) 2011-12-09

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[13] A1
[51] **Int.Cl. H02J 1/00 (2006.01) B64D 41/00 (2006.01) H02H 7/10 (2006.01) H02H 7/22 (2006.01) H02M 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR POWER DISTRIBUTION**
[54] **SYSTEME ET METHODE DE DISTRIBUTION D'ALIMENTATION**
[72] SIHLER, CHRISTOF, US
[72] ROSADO, SEBASTIAN PEDRO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-12-06
[41] 2013-06-15
[30] US (13/326,919) 2011-12-15

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[13] A1
[51] **Int.Cl. C23C 24/10 (2006.01) B22D 19/00 (2006.01)**
[25] EN
[54] **ANTI-WEAR FUNCTIONAL GRADED MATERIAL AND METHOD**
[54] **MATERIAU DE QUALITE FONCTIONNELLE ANTIUSURE ET METHODE**
[72] BRANCHETTI, VINCENZO, IT
[72] BALSAMO, FRANCESCO, IT
[71] NUOVO PIGNONE S.P.A., IT
[22] 2012-12-06
[41] 2013-06-12
[30] IT (C02011A000061) 2011-12-12

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[13] A1
[51] **Int.Cl. H01K 1/14 (2006.01) F21S 8/12 (2006.01) F21V 7/04 (2006.01)**
[25] EN
[54] **ANISOTROPIC INCANDESCENT LIGHT SOURCE**
[54] **SOURCE DE LUMIERE INCANDESCENTE ANISOTROPE**
[72] MUDRA, ISTVAN, HU
[72] NAGY, LASZLO, HU
[72] GALLAI, JOZSEF, HU
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-12-06
[41] 2013-06-15
[30] US (13/327,167) 2011-12-15

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[13] A1
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HEATING, VENTILATION AND AIR CONDITIONING SYSTEM USER INTERFACE HAVING REMOTE PLATFORM ACCESS APPLICATION ASSOCIATED THEREWITH AND METHOD OF OPERATION THEREOF**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR AYANT UNE APPLICATION D'ACCES DE PLATEFORME DISTANTE ASSOCIEE INTEGREE ET SA METHODE D'UTILISATION**
[72] BIAS, LARRY S., US
[72] DIFULGENTIZ, BOBBY, US
[72] VENDT, STEPHEN J., US
[72] CASTILLO, DANIEL, US
[72] MLAMBO, GABAZA B., US
[71] LENNOX INDUSTRIES INC., US
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[41] 2013-06-13
[30] US (61/569,859) 2011-12-13
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[51] **Int.Cl. G03G 9/09 (2006.01) G03G 9/093 (2006.01) C09D 11/10 (2006.01)**
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[54] **COLORED TONERS**
[54] **ENCRES SECHES COLOREES**
[72] KMIECIK-LAWRYNOWICZ, GRAZYNA E., US
[72] SWEENEY, MAURA A., US
[72] MANG, MARK E., US
[72] STAMP, KIRK L., US
[72] BAYLEY, ROBERT D., US
[71] XEROX CORPORATION, US
[22] 2012-12-07
[41] 2013-06-15
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[13] A1
[51] **Int.Cl. B64G 1/24 (2006.01) B64G 1/10 (2006.01) B64G 1/66 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING A SET OF AT LEAST TWO SATELLITES, DESIGNED TO PROVIDE A SERVICE ON A GEOSTATIONARY ORBIT, RENDERING SAID SERVICE ON A NON-GEOSTATIONARY ORBIT**
[54] **METHODE ET SYSTEME DE CONTROLE D'UN ENSEMBLE D'AU MOINS DEUX SATELLITES, CONCUS POUR FOURNIR UN SERVICE SUR UNE ORBITE GEOSTATIONNAIRE, RENDANT LEDIT SERVICE SUR UNE ORBITE NON GEOSTATIONNAIRE**
[72] SAINCT, HERVE, FR
[72] AMALRIC, JOEL, FR
[71] THALES, FR
[22] 2012-12-06
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[30] FR (1103778) 2011-12-09

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[51] **Int.Cl. G06T 7/20 (2006.01) H04N 5/262 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VIDEO PROCESSING**
[54] **SYSTEMES ET METHODES DE TRAITEMENT VIDEO**
[72] FERLATTE, JOHN CHARLES, CA
[72] WILKINSON, ROBERT JAMES, CA
[71] W-IDEAS NETWORK INC., CA
[22] 2012-12-07
[41] 2013-06-09
[30] US (61/568,756) 2011-12-09

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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)**
[25] EN
[54] **MONITORING AND TRACKING BIPOLAR ABLATION**
[54] **SURVEILLANCE ET SUIVI D'UNE ABLATION BIPOLAIRE**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[41] 2013-06-15
[30] US (13/326,456) 2011-12-15

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[51] **Int.Cl. F01D 9/02 (2006.01)**
[25] EN
[54] **MOUNTING APPARATUS FOR LOW-DUCTILITY TURBINE SHROUD**
[54] **APPAREIL D'INSTALLATION POUR CARRENAGE DE TURBINE A FAIBLE DUCTILITE**
[72] FRANKS, MICHAEL JOHN, US
[72] DOUGHTY, ROGER LEE, US
[72] SHAPIRO, JASON DAVID, US
[72] RULLI, SAMUEL ROSS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2012-12-06
[41] 2013-06-15
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[13] A1
[51] **Int.Cl. F23R 3/02 (2006.01) F02C 7/22 (2006.01)**
[25] EN
[54] **SYSTEM FOR AERODYNAMICALLY ENHANCED PREMIXER FOR REDUCED EMISSIONS**
[54] **SYSTEME D'AMELIORATION AERODYNAMIQUE DE PREMELANGEUR POUR LA REDUCTION DES EMISSIONS**
[72] PATEL, NAYAN VINODBHAI, US
[72] THOMSEN, DUANE DOUGLAS, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2013-06-13
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[51] **Int.Cl. A63G 21/00 (2006.01) B66B 9/08 (2006.01) E04F 11/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE STAIR AND FURNITURE SLIDE**
[54] **ESCALIER AJUSTABLE ET COULISSE POUR MEUBLE**
[72] KHANNA, RAJEEV, AU
[71] KHANNA, RAJEEV, AU
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[51] **Int.Cl. A47C 19/12 (2006.01) F16M 3/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE FOLDING BED FRAME**
[54] **CADRE DE LIT PLIANT AJUSTABLE**
[72] JIN, KI HO, CN
[71] JIN, KI HO, CN
[22] 2012-12-06
[41] 2013-06-09
[30] US (13/316,077) 2011-12-09
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[25] EN
[54] **PREVENTING ROTATION OF A FIXED RING OF A SWASHPLATE**
[54] **PREVENTION DE LA ROTATION D'UNE BAGUE FIXE D'UN PLATEAU OSCILLANT**
[72] WIINIKKA, MARK, US
[72] GRIFFIN, MAURICE, US
[72] SPELLER, CHARLES, US
[71] BELL HELICOPTER TEXTRON INC., US
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[41] 2013-06-09
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[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS TO PREPARE A MOBILE DEVICE FOR PROVISIONING**
[54] **SYSTEMES, METHODES ET APPAREILS POUR PREPARER UN DISPOSITIF MOBILE POUR LA LIVRAISON**
[72] BOS, JEFFREY CHARLES, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2012-12-10
[41] 2013-06-14
[30] EP (11193547.4) 2011-12-14

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[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HEATING, VENTILATION AND AIR CONDITIONING SYSTEM USER INTERFACE HAVING SEPARATE PROGRAMMING AND MANUAL MODE SCREENS AND METHOD OF OPERATION THEREOF**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR AYANT UNE PROGRAMMATION SEPAREE ET DES ECRANS DE MODE MANUEL ET SA METHODE D'UTILISATION**
[72] BIAS, LARRY S., US
[72] DIFULGENTIZ, BOBBY, US
[72] VENDT, STEPHEN J., US
[72] CASTILLO, DANIEL, US
[72] MLAMBO, GABAZA B., US
[71] LENNOX INDUSTRIES INC., US
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[41] 2013-06-13
[30] US (61/569,859) 2011-12-13
[30] US (13/432,713) 2012-03-28

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[51] **Int.Cl. E21B 47/10 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING A WELL FOR UNWANTED FORMATION FLUID INFLUX**
[54] **METHODE ET SYSTEME DE SURVEILLANCE D'INFLUX DE FLUIDE NON VOULU DANS UN PUITS**
[72] KOEDERITZ, WILLIAM LEO, US
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2012-12-11
[41] 2013-06-12
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[51] **Int.Cl. F16L 5/02 (2006.01) F16J 15/06 (2006.01)**
[25] EN
[54] **INSTALLATION ASSEMBLY WITH SEALING APPARATUS**
[54] **DISPOSITIF D'INSTALLATION AVEC APPAREIL SCELLANT**
[72] DEL BIANCO, MASSIMO, IT
[72] TRAFI, MASSIMO, IT
[72] SCHUTTENBERG, DETLEF, DE
[72] AHMED, SHAKIL, IT
[71] ENDRESS+HAUSER WETZER GMBH+CO. KG, DE
[22] 2012-12-11
[41] 2013-06-15
[30] DE (10 2011 088 736.9) 2011-12-15

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[13] A1
[51] **Int.Cl. G02B 6/35 (2006.01) G02B 5/18 (2006.01) G02B 26/08 (2006.01) G02B 27/30 (2006.01)**
[25] EN
[54] **OPTICAL PROCESSING DEVICE EMPLOYING A DIGITAL MICROMIRROR DEVICE (DMD) AND HAVING REDUCED WAVELENGTH DEPENDENT LOSS**
[54] **DISPOSITIF DE TRAITEMENT OPTIQUE EMPLOYANT UN DISPOSITIF A MICROMIROIR NUMERIQUE ET AYANT UNE PERTE DE DEPENDANCE A LA LONGUEUR D'ONDE REDUITE**
[72] HALLER, MITCHELL E., US
[72] WAGENER, JEFFERSON L., US
[71] NISTICA, INC., US
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[51] **Int.Cl. F21V 21/088 (2006.01)**
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[54] **DECORATIVE LIGHT CLIP**
[54] **PINCE DE LAMPE DECORATIVE**
[72] ADAMS, WILLIAM E., IV, US
[72] ADAMS, WILLIAM E., US
[71] ADAMS MFG. CORP., US
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[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HEATING, VENTILATION AND AIR CONDITIONNING SYSTEM USER INTERFACE HAVING A ONE-TOUCH AWAY FEATURE AND METHOD OF OPERATION THEREOF**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR AYANT UNE FONCTIONNALITE UNIDIRECTIONNELLE A UNE TOUCHE ET SA METHODE D'UTILISATION**
[72] BIAS, LARRY S., US
[72] DIFULGENTIZ, BOBBY, US
[72] VENDT, STEPHEN J., US
[72] CASTILLO, DANIEL, US
[72] MLAMBO, GABAZA B., US
[71] LENNOX INDUSTRIES INC, US
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[13] A1
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HEATING, VENTILATION AND AIR CONDITIONING SYSTEM USER INTERFACE HAVING MEMORY UPGRADE FEATURE AND METHOD OF OPERATION THEREOF**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR AYANT UNE FONCTION DE MISE A JOUR DE MEMOIRE ET SA METHODE D'UTILISATION**
[72] LAZAR, STEVEN C., US
[72] VENDT, STEPHEN J., US
[72] CASTILLO, DANIEL, US
[71] LENNOX INDUSTRIES INC., US
[22] 2012-12-11
[41] 2013-06-13
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[51] **Int.Cl. C08G 63/12 (2006.01) B01J 13/08 (2006.01) C08J 3/03 (2006.01) G03G 9/08 (2006.01)**
[25] EN
[54] **CARBOXYLIC ACID OR ACID SALT FUNCTIONALIZED POLYESTER POLYMERS**
[54] **POLYMERES POLYESTER FONCTIONNALISES A L'ACIDE CARBOXYLIQUE OU AU SEL D'ACIDE**
[72] MOFFAT, KAREN A., CA
[72] NIKOLIC, DRAGAN, US
[72] FARRUGIA, VALERIE M., CA
[72] WOSNICK, JORDAN, CA
[72] KOVALENKO, ANDRIY, CA
[72] KOBRYN, ALEXANDER, US
[72] GUSAROV, SERGEY, US
[71] XEROX CORPORATION, US
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[51] **Int.Cl. E05F 15/08 (2006.01) E05D 13/00 (2006.01) E05D 15/16 (2006.01) E06B 3/48 (2006.01)**
[25] EN
[54] **SECTIONAL OVERHEAD DOOR ACTUATORS**
[54] **ACTIVATEURS DE PORTE SECTIONNELS**
[72] AQUILINA, ANTHONY GEORGE, CA
[71] AQUILINA, ANTHONY GEORGE, CA
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[51] **Int.Cl. H04L 12/16 (2006.01) H04W 92/02 (2009.01) H02J 13/00 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD PERTAINING TO THE COMMUNICATION OF INFORMATION REGARDING APPLIANCES THAT UTILIZE DIFFERING COMMUNICATIONS PROTOCOLS**
[54] **APPAREIL ET METHODE RELATIFS A LA COMMUNICATION D'INFORMATION A PROPOS D'APPAREILS QUI UTILISENT DES PROTOCOLES DE COMMUNICATION DIFFERENTS**
[72] ARTEAGA-KING, ALONSO, US
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
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[51] **Int.Cl. F03B 13/14 (2006.01) F03B 13/22 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A MACHINE LOCATED IN CHOPPY WATERS**
[54] **METHODE DE FONCTIONNEMENT D'UNE MACHINE SITUEE DANS LES EAUX AGITEES**
[72] HOFFMANN, NORBERT, DE
[72] HOUIS, NICOLAS, DE
[72] SCHARMANN, NIK, DE
[72] HAGEMANN, BENJAMIN, DE
[72] BEHRENDT, JASPER, DE
[72] PERSCHALL, MARKUS, DE
[72] PODDEY, ALEXANDER, DE
[72] THULL, DANIEL, DE
[72] HILSCH, MICHAEL, DE
[71] ROBERT BOSCH GMBH, DE
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[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] EN
[54] **HEATING, VENTILATION AND AIR CONDITIONING SYSTEM USER INTERFACE HAVING AN INTEGRATED SCREEN/HOUSING SKIN AND METHOD OF OPERATION THEREOF**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT DE L'AIR AYANT UN ECRAN INTEGRE/HABILLAGE DE BOITIER ET SA METHODE D'UTILISATION**
[72] BIAS, LARRY S., US
[72] DIFULGENTIZ, BOBBY, US
[72] VENDT, STEPHEN J., US
[72] CASTILLO, DANIEL, US
[72] MLAMBO, GABAZA B., US
[71] LENNOX INDUSTRIES INC., US
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[51] **Int.Cl. A61F 5/048 (2006.01)**
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[54] **DYNAMIC TRACTION APPARATUS**
[54] **APPAREIL DE TRACTION DYNAMIQUE**
[72] DILORENZO, JOHN, US
[71] DILORENZO, JOHN, US
[22] 2012-12-12
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[51] **Int.Cl. B42C 19/00 (2006.01) B42C 9/00 (2006.01) B42D 1/06 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR A BOOKLET, AND A BOOKLET**
[54] **METHODE DE PRODUCTION D'UN LIVRET ET UN LIVRET**
[72] BRAUN, UWE, DE
[72] MUELLER, MANFRED, DE
[71] SCHREINER GROUP GMBH & CO. KG, DE
[22] 2012-12-12
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[51] **Int.Cl. B64C 25/26 (2006.01) F16D 71/00 (2006.01) F16H 25/00 (2006.01)**
[25] FR
[54] **COMPACT COUPLING HOUSING WITH CAM ACTUATOR**
[54] **BOITIER D'ACCROCHAGE A ACTIONNEUR A CAME D'ENCOMBREMENT REDUIT**
[72] DUFAY, LUDOVIC, FR
[72] EVENOR, ERIC, FR
[72] LECOURTIER, GILBERT, FR
[72] LIEGEOIS, PIERRE-YVES, FR
[71] MESSIER-BUGATTI-DOWTY, FR
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[51] **Int.Cl. A61K 31/403 (2006.01) A61K 31/13 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] FR
[54] **NOVEL COMBINATION OF 4-{3-¬CIS-HEXAHYDROCYCLOPENTA¬C|PYRROL-2(1H)-YL|PROPOXY}BENZAMIDE AND AN NMDA RECEPTOR ANTAGONIST AND THE PHARMACUTICAL COMPOUNDS CONTAINING SAME**
[54] **NOUVELLE ASSOCIATION ENTRE LE 4-{3-[CIS-HEXAHYDROCYCLOPENTA[C]PYRROL-2(1H)-YL]PROPOXY}BENZAMIDE ET UN ANTAGONISTE DES RECEPTEURS NMDA ET LES COMPOSITIONS PHARMACEUTIQUES QUI LA CONTIENNENT**
[72] SORS, AURORE, FR
[72] TROCME-THIBIERGE, CARYN, FR
[72] MERDES, ANNETTE, DE
[71] LES LABORATOIRES SERVIER, FR
[22] 2012-12-06
[41] 2013-06-09
[30] FR (11/03777) 2011-12-09
[30] US (61/568,831) 2011-12-09

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[51] **Int.Cl. B64C 25/36 (2006.01) B60K 1/00 (2006.01) B60K 7/00 (2006.01) F16H 3/30 (2006.01) F16H 63/04 (2006.01)**
[25] FR
[54] **CONNECTION DEVICE FOR GEARED MOTORS TO AN AIRCRAFT WHEEL**
[54] **DISPOSITIF DE CONNEXION D'UN MOTOREDUCTEUR A UNE ROUE D'AERONEF**
[72] ELUARD, GILLES, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[22] 2012-12-07
[41] 2013-06-15
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[13] A1
[51] **Int.Cl. B64C 25/42 (2006.01) B64C 19/00 (2006.01) B64C 25/26 (2006.01) B64C 25/30 (2006.01)**
[25] FR
[54] **SYSTEM MANAGEMENT PROCESS FOR AIRCRAFT LANDING GEAR**
[54] **PROCEDE DE GESTION DE SYSTEMES LIES AU TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] FRANK, DAVID, FR
[71] MESSIER-BUGATTI-DOWTY, FR
[22] 2012-12-07
[41] 2013-06-15
[30] FR (11 61712) 2011-12-15

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[13] A1
[51] **Int.Cl. B65D 47/06 (2006.01) B65D 1/02 (2006.01) B65D 47/40 (2006.01)**
[25] EN
[54] **MAGNETICALLY-BIASED EXTENDABLE SPOUT**
[54] **BEC EXTENSIBLE MAGNETIQUE**
[72] FOX, RYAN, CA
[72] FOX, ANDREW, CA
[71] 2308479 ONTARIO LIMITED, CA
[22] 2012-12-10
[41] 2013-06-12
[30] US (13/323,549) 2011-12-12

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[13] A1
[51] **Int.Cl. C07C 1/04 (2006.01)**
[25] FR
[54] **CONTINUOUS HYDROCARBON FABRICATION PROCESS WITH CATALYST LOADING**
[54] **PROCEDE DE FABRICATION D'HYDROCARBURES AVEC CHARGEMENT EN CONTINU DU CATALYSEUR**
[72] MARION, MARIE-CLAIRE, FR
[72] DIEHL, FABRICE, FR
[72] HUGUES, FRANCOIS, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2012-12-10
[41] 2013-06-14
[30] FR (11 03 861) 2011-12-14

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[13] A1
[51] **Int.Cl. A01M 23/16 (2006.01)**
[25] EN
[54] **PEST-MANAGEMENT APPARATUSES**
[54] **APPAREILS DE GESTION DES NUISIBLES**
[72] VICKERY, ETHAN, US
[72] COVINGTON, LARRY, US
[71] VM PRODUCTS INC., US
[22] 2012-12-12
[41] 2013-06-13
[30] US (61/570,116) 2011-12-13
[30] US (13/711,737) 2012-12-12

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[13] A1
[51] **Int.Cl. F16B 5/00 (2006.01) E04C 2/26 (2006.01) E04F 13/07 (2006.01) F16B 1/00 (2006.01) F16L 59/12 (2006.01)**
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[54] **ATTACHMENT MEMBER FOR INSULATION PANEL**
[54] **ELEMENT DE FIXATION POUR PANNEAU ISOLANT**
[72] HOLT, JOHN TIMOTHY, US
[71] PROGRESSIVE FOAM TECHNOLOGIES, INC., US
[22] 2012-12-12
[41] 2013-06-12
[30] US (13/693,708) 2012-12-04
[30] US (13/570,892) 2012-08-09
[30] US (61/569,382) 2011-12-12
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[13] A1
[51] **Int.Cl. B29C 35/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF OPTIMIZING A COMPOSITE SYSTEM**
[54] **SYSTEME ET METHODE D'OPTIMISATION D'UN SYSTEME COMPOSITE**
[72] BISHOP, STEPHEN K., US
[72] HART, JACOB J., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2012-12-11
[41] 2013-06-15
[30] US (13/326,923) 2011-12-15

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[13] A1
[51] **Int.Cl. B05B 5/00 (2006.01)**
[25] EN
[54] **METHOD TO CREATE UNIFORM DISTRIBUTION, MINIMIZE APPLIED SOLUTION VOLUME AND CONTROL DROPLET SIZE OF WATER AND/OR COATING APPLICATIONS FOR WEB APPLICATIONS**
[54] **METHODE POUR CREER UNE DISTRIBUTION UNIFORME, MINIMISER LE VOLUME DE SOLUTION APPLIQUEE ET CONTROLER LA TAILLE DE GOUTTELETTE D'EAU ET/OU DES APPLICATIONS DE REVETEMENT POUR DES APPLICATIONS SUR TOILE**
[72] CRAWFORD, JONATHAN, US
[71] HONEYWELL ASCA INC., CA
[22] 2012-12-11
[41] 2013-06-15
[30] US (13/326,602) 2011-12-15

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[13] A1
[51] **Int.Cl. E04H 17/18 (2006.01) E02D 5/74 (2006.01) F16B 1/00 (2006.01) F25C 3/02 (2006.01)**
[25] EN
[54] **A BRACKET USED TO HOLD BOARDS IN THE CONSTRUCTION OF AN ICE RINK**
[54] **UN SUPPORT UTILISE POUR TENIR DES PLANCHES DANS LA CONSTRUCTION D'UN ANNEAU DE GLACE**
[72] RANDAZZO, MATTHEW, US
[72] BARBANENTE, MICHAEL, US
[71] RANDAZZO, MATTHEW, US
[71] BARBANENTE, MICHAEL, US
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[25] EN
[54] **REMOVABLE TIP ENDOSCOPE**
[54] **ENDOSCOPE A POINTE AMOVIBLE**
[72] LEVY, AVI, IL
[72] LEVI, MOSHE, IL
[72] AIZENFELD, AMRAM, IL
[71] PEER MEDICAL LTD., IL
[22] 2012-12-12
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[25] EN
[54] **PUSH-TO-TALK-OVER-CELLULAR (POC)**
[54] **BAVARDAGE SUR RESEAU CELLULAIRE**
[72] AYYASAMY, RAVI, US
[72] KUNDU, GORACHAND, US
[72] PATEL, KRISHNAKANT M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] NEGALAGULI, HARISHA M., US
[72] CHEEDELLA, SHIVA K. K., US
[72] ARDAH, BASEM A., US
[72] KUMAR, RAVI SHANKAR, US
[72] KANDULA, RAMU, IN
[72] VELAYUDHAN, ARUN, IN
[72] NARENDRANATHAN, SHIBU, IN
[72] SETTI, BHARATRAM, IN
[72] NARAYANAN, ANAND, US
[72] CHANDANA, PRATAP, US
[71] KODIAK NETWORKS, INC., US
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[41] 2013-06-14
[30] US (US 61/570,694) 2011-12-14
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[25] EN
[54] **DIGITAL PRINTING METHOD AND AN APPARATUS THEREFOR**
[54] **METHODE D'IMPRESSION NUMERIQUE ET APPAREIL CONNEXE**
[72] IZAWA, HIDEO, JP
[72] YAMAZAKI, YUUICHI, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[22] 2012-12-12
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[30] JP (2011-272932) 2011-12-14

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[51] **Int.Cl. B32B 5/18 (2006.01) B32B 3/08 (2006.01) E04C 2/284 (2006.01) E04C 2/296 (2006.01) F16L 59/02 (2006.01) F16L 59/06 (2006.01) F16S 1/02 (2006.01) F16S 1/10 (2006.01) F25D 23/06 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE INSULATED PANEL**
[54] **PANNEAU ISOLANT A RENDEMENT ELEVE**
[72] MINELLI, FRED L., US
[71] KYSOR PANEL SYSTEMS DIVISION OF WELBILT WALKINS, LP, US
[22] 2012-12-12
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[51] **Int.Cl. A61B 1/00 (2006.01)**
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[54] **ROTATABLE CONNECTOR FOR AN ENDOSCOPE**
[54] **CONNECTEUR ROTATIF POUR UN ENDOSCOPE**
[72] LEVY, AVI, IL
[72] LEVI, MOSHE, IL
[72] AIZENFELD, AMRAM, IL
[72] KIRMA, YANIV, IL
[71] PEER MEDICAL LTD., IL
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[54] **SIGN POST SYSTEM**
[54] **SYSTEME DE POTEAU D'AFFICHAGE**
[72] MANDL, JEFFREY ANTON, CA
[72] MERSLACK, CLINTON BRADELY, CA
[71] ADAPT-EZE SAFETY PRODUCTS LTD., CA
[22] 2012-12-12
[41] 2013-06-12
[30] CA (2,761,835) 2011-12-12

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[51] **Int.Cl. F03D 7/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING A WIND TURBINE**
[54] **METHODE DE COMMANDE D'UNE EOLIENNE**
[72] ESBENSEN, THOMAS, DK
[72] HOEGH, GUSTAV, DK
[72] KRISHNA, RAMAKRISHNAN, DK
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2012-12-13
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[51] **Int.Cl. G01V 1/30 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR LOCATING MICROSEISMIC EVENTS USING ARRAY OF RECEIVERS**
[54] **DISPOSITIF ET METHODE POUR LOCALISER DES EVENEMENTS MICROSISMIQUES A L'AIDE D'UN GROUPE DE RECEPTEURS**
[72] REBEL, ESTELLE, FR
[72] MEUNIER, JULIEN, FR
[71] CGGVERITAS SERVICES SA, FR
[22] 2012-12-13
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[25] EN
[54] **TONERS CONTAINING LARGE STRONTIUM TITANATE PARTICLES**
[54] **ENCRES SECHES CONTENANT DE GROSSES PARTICULES DE TITANATE DE STRONTIUM**
[72] PICKERING, THOMAS R., US
[71] XEROX CORPORATION, US
[22] 2012-12-13
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[51] **Int.Cl. A61B 19/00 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/092 (2006.01) F16C 1/00 (2006.01) F16D 65/14 (2006.01) G05G 1/00 (2006.01)**
[25] EN
[54] **SELF-HOLDING MEDICAL DEVICE CONTROL HANDLE WITH CAM ACTUATED CLUTCH MECHANISM**
[54] **COMMANDE DE DISPOSITIF MEDICAL AUTOPORTANT AVEC MECANISME D'ENGRENAGE ACTIVE PAR CAME**
[72] SELKEE, THOMAS V., US
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2012-12-13
[41] 2013-06-15
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[13] A1
[51] **Int.Cl. G01V 1/28 (2006.01)**
[25] EN
[54] **WAVE-FIELDS SEPARATION FOR SEISMIC RECORDERS DISTRIBUTED AT NON-FLAT RECORDING SURFACES**
[54] **SEPARATON DE CHAMPS POUR ENREGISTREURS SISMIQUES DISTRIBUES DANS DES SURFACES D'ENREGISTREMENT NON PLATES**
[72] GRION, SERGIO, FR
[71] CGGVERITAS SERVICES SA, FR
[22] 2012-12-13
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[51] **Int.Cl. C08J 9/04 (2006.01) C08J 3/24 (2006.01) C08L 33/04 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **CATALYZED EPOXY-CARBOXYLIC ACID SPRAY FOAMS AND METHODS OF USING SAME**
[54] **MOUSSES DE PULVERISATION D'ACIDE CARBOXYLIQUE EPOXY CATALYSE ET SES METHODES D'UTILISATION**
[72] OLANG, FATEMEH NASSREEN, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2012-12-13
[41] 2013-06-13
[30] US (61/570,070) 2011-12-13

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[51] **Int.Cl. G01V 1/38 (2006.01)**
[25] EN
[54] **CONTROLLER AND METHOD FOR STEERING SOURCES**
[54] **CONTROLEUR ET METHODE D'ORIENTATION DES SOURCES**
[72] TONCHIA, HELENE, FR
[71] CGGVERITAS SERVICES SA, FR
[22] 2012-12-13
[41] 2013-06-15
[30] FR (1161714) 2011-12-15

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[51] **Int.Cl. H02J 17/00 (2006.01) H04H 60/33 (2009.01) H04W 4/00 (2009.01) H02J 15/00 (2006.01)**
[25] EN
[54] **AUDIENCE RESPONSE SYSTEM WITH BATTERYLESS RESPONSE UNITS**
[54] **SYSTEME DE REPONSE DE L'AUDIENCE DOTE DE MODULES DE REPONSE SANS BATTERIE**
[72] UREEL, EMIL J., US
[72] ISRAELS, KYLE A., US
[71] FLEETWOOD GROUP, INC., US
[22] 2012-12-13
[41] 2013-06-14
[30] US (61/570569) 2011-12-14
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[21] **2,798,836**
[13] A1
[51] **Int.Cl. A61F 13/537 (2006.01) A61F 13/539 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE INCLUDING AN ABSORBENT CORE LAYER HAVING A MATERIAL FREE ZONE AND A TRANSFER LAYER ARRANGED BELOW THE ABSORBENT CORE LAYER**
[54] **ARTICLE ABSORBANT COMPRENANT UNE COUCHE CENTRALE ABSORBANTE AYANT UNE ZONE EXEMPTE DE MATERIEL ET UNE COUCHE DE TRANSFERT DISPOSEE SOUS LA COUCHE CENTRALE ABSORBANTE**
[72] BISSAH, KOFI, US
[72] HERNANDEZ, FRANCISCO J. V., BR
[72] PAQUES, FERNANDA WIERMANN, BR
[72] POCCIA, JOHN, US
[71] MCNEIL-PPC, INC., US
[22] 2012-12-14
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[51] **Int.Cl. A61F 13/537 (2006.01) A61F 13/539 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE INCLUDING AN ABSORBENT CORE LAYER HAVING A MATERIAL FREE ZONE AND A TRANSFER LAYER ARRANGED BELOW THE ABSORBENT CORE LAYER**
[54] **ARTICLE ABSORBANT COMPRENANT UNE COUCHE CENTRALE ABSORBANTE AYANT UNE ZONE EXEMPTE DE MATERIEL ET UNE COUCHE DE TRANSFERT DISPOSEE SOUS LA COUCHE CENTRALE ABSORBANTE**
[72] BISSAH, KOFI, US
[72] HERNANDEZ, FRACISCO J. V., BR
[72] PAQUES, FERNANDA WIERMANN, BR
[72] POCCIA, JOHN, US
[71] MCNEIL-PPC, INC., US
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[51] **Int.Cl. B01J 19/06 (2006.01) C09K 3/32 (2006.01)**
[25] EN
[54] **PHASE SELECTIVE GELATION WITH ALKYLATED AROMATIC ACID COMPOUNDS**
[54] **GELIFICATION A PHASE SELECTIVE DOTEE DE COMPOSES D'ACIDES AROMATIQUES ALKYLATES**
[72] MAKEIFF, DARREN, US
[72] CARLINI, RINA, US
[71] XEROX CORPORATION, US
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2012-12-14
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[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 7/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SYNCHRONIZING TIMING ACROSS MULTIPLE STREAMS**
[54] **SYSTEME ET METHODE DE SYNCHRONISATION SUR PLUSIEURS FLUX**
[72] SYED, YASSER F., US
[72] HOLDEN, DANIEL, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2012-12-13
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[51] **Int.Cl. F16G 11/12 (2006.01) E04B 1/92 (2006.01) E04B 1/98 (2006.01) E04F 21/00 (2006.01) E04G 21/24 (2006.01) E04G 23/00 (2006.01) F16B 43/00 (2006.01)**
[25] EN
[54] **A TENSIONER**
[54] **UN TENDEUR**
[72] TAN, ROBERT HONG SENG, AU
[71] MITEK HOLDINGS, INC., US
[22] 2012-12-14
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[30] AU (2011254074) 2011-12-15

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[51] **Int.Cl. B01D 39/20 (2006.01)**
[25] EN
[54] **MULTI-PLY FILTER MEDIUM**
[54] **SUPPORT DE FILTRE MULTI-PLI**
[72] UMMINGER, JUERGEN, DE
[72] HASSMANN, CHRISTIAN, DE
[71] JOHNS MANVILLE, US
[22] 2012-12-14
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[51] **Int.Cl. B01J 19/06 (2006.01) A61K 8/02 (2006.01) A61K 9/00 (2006.01) C09D 11/02 (2006.01) C09K 3/32 (2006.01)**
[25] EN
[54] **ORGANOGEL COMPOSITIONS COMPRISING ALKYLATED AROMATIC ACIDS**
[54] **COMPOSITIONS D'ORGANOGEL COMPRENANT DES ACIDES AROMATIQUES ALKYLATES**
[72] MAKEIFF, DARREN, CA
[72] CARLINI, RINA, CA
[71] XEROX CORPORATION, US
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2012-12-14
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[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/02 (2009.01) H04W 4/12 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTERACTIVE CONTENT GENERATION**
[54] **SYSTEMES ET METHODES POUR LA PRODUCTION DE CONTENU INTERACTIF**
[72] UNKNOWN, ZZ
[71] MIRMANAS, LEON, CA
[71] ANIDJAR BELILTY, NAFTALI, US
[22] 2012-12-13
[41] 2013-06-13
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[51] **Int.Cl. E01H 5/02 (2006.01) A01B 1/00 (2006.01) B25G 1/04 (2006.01) B25G 1/10 (2006.01)**
[25] FR
[54] **ERGONOMIC AUXILIARY HANDLE**
[54] **MANCHE AUXILIAIRE ERGONOMIQUE**
[72] DUGUAY, MONIQUE, CA
[71] DUGUAY, MONIQUE, CA
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[51] **Int.Cl. H01B 3/30 (2006.01) H01B 7/02 (2006.01)**
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[54] **CABLE SANS HALOGENE RESISTANT A LA TEMPERATURE**
[72] DINKELMEYER, CHRISTOF, DE
[72] CALVO, ENCARNACION GONZALEZ, DE
[72] MUNOZ, URIEL FERNANDO, CL
[72] ERNESTO, LUIS, CO
[71] NEXANS, FR
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[25] EN
[54] **OCEAN OR SEA HYDRO POWER PLANT**
[54] **CENTRALE HYDROELECTRIQUE OCEANIQUE OU MARITIME**
[72] KRISHNAMOORTHY, SRINIVASAN, CA
[71] KRISHNAMOORTHY, SRINIVASAN, CA
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[51] **Int.Cl. C12N 5/10 (2006.01) A01C 1/06 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23J 3/16 (2006.01) A23K 1/14 (2006.01) C11B 1/00 (2006.01) C12Q 1/68 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **HIGH YIELDING SOYBEAN VARIETY XB27P13**
[54] **VARIETE DE SOYA XB27P13 A HAUT RENDEMENT**
[72] KYLE, DONALD, US
[72] STREIT, LEON G., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2013-03-06
[41] 2013-06-10
[30] US (13/771,231) 2013-02-20

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[51] **Int.Cl. C10G 1/06 (2006.01) C10J 3/00 (2006.01)**
[25] EN
[54] **PARTIAL UPGRADING PROCESS FOR HEAVY OIL AND BITUMEN**
[54] **PROCESSUS DE VALORISATION PARTIELLE POUR LE PETROLE LOURD ET LE BITUME**
[72] KRESNYAK, STEVE, CA
[71] EXPANDER ENERGY INC., CA
[22] 2013-03-13
[41] 2013-06-10

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[51] **Int.Cl. C10M 163/00 (2006.01) C10M 135/36 (2006.01) C10M 159/12 (2006.01)**
[25] EN
[54] **MULTI-VEHICLE AUTOMATIC TRANSMISSION FLUID**
[54] **FLUIDE DE TRANSMISSION AUTOMATIQUE MULTI-VEHICULE**
[72] CARROLL, JOSEPH B., US
[72] CLEVELAND, CHRISTOPHER S., US
[71] AFTON CHEMICAL CORPORATION, US
[22] 2013-03-28
[41] 2013-06-11
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[51] **Int.Cl. A47F 5/00 (2006.01)**
[25] EN
[54] **SHELF-TYPE DISPLAY MODULE**
[54] **MODULE DE PRESENTOIR DE TYPE ETAGERE**
[72] THEISEN, JENNIFER A., US
[72] STAFFORD, WILLIAM Y., US
[72] ZOBEL, ERIN L., US
[72] MARTELL, TIMOTHY J., US
[72] WESHLER, BENJAMIN, US
[71] TARGET BRANDS, INC., US
[22] 2013-04-02
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[30] US (13/786,924) 2013-03-06

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[51] **Int.Cl. A61H 7/00 (2006.01) A45D 29/00 (2006.01) A47K 7/02 (2006.01) A47K 7/04 (2006.01)**
[25] EN
[54] **CALLUS SCRUBBER**
[54] **BROSSE POUR CALLOSITES**
[72] CHAUDRY, SAJIDA, CA
[71] CHAUDRY, SAJIDA, CA
[22] 2013-04-02
[41] 2013-06-12

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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **ADJACENCY OPTIMIZATION SYSTEM FOR PRODUCT CATEGORY MERCHANDISING SPACE ALLOCATION**
[54] **SYSTEME D'OPTIMISATION D'ADJACENCE POUR L'ALLOCATION D'ESPACE DE MARCHANDISATION DE CATEGORIE DE PRODUIT**
[72] RANGARAJAN, BHARATH, US
[72] NELSON, JAMES C., US
[72] VERMA, ABHISHEK SINGH, US
[71] TARGET BRANDS, INC., US
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# PCT Applications Entering the National Phase

# Demandes PCT entrant en phase nationale

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[51] **Int.Cl. H01M 8/04 (2006.01)**
[25] EN
[54] **METHOD OF ESTIMATING AMOUNT OF LIQUID WATER IN FUEL CELL, METHOD OF ESTIMATING AMOUNT OF LIQUID WATER DISCHARGED FROM FUEL CELL, ESTIMATION APPARATUS OF LIQUID WATER AMOUNT IN FUEL CELL AND FUEL CELL SYSTEM**
[54] **METHODE D'ESTIMATION DE LA QUANTITE D'EAU LIQUIDE DANS UNE PILE A COMBUSTIBLE, METHODE D'ESTIMATION DE LA QUANTITE D'EAU LIQUIDE DECHARGEE D`UNE PILE A COMBUSTIBLE, APPAREIL D'ESTIMATION DE LA QUANTITE D'EAU LIQUIDE DANS UNE PILE A COMBUSTIBLE ET SYSTEME DE PILE A COMBUSTIBLE**
[72] OGAWA, TOMOHIRO, JP
[72] ARAKI, YASUSHI, JP
[72] HAMADA, HITOSHI, JP
[72] TAKEUCHI, HIROAKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2012-07-23
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[87] (2786027)

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[13] A1
[51] **Int.Cl. A61K 31/365 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **TREATMENT OF COGNITIVE DISORDERS ASSOCIATED WITH ABNORMAL DENDRITIC SPINES USING PKC ACTIVATORS**
[54] **TRAITEMENT DE TROUBLES COGNITIFS ASSOCIES A DES EPINES DENDRITIQUES METTANT EN UVRE DES ACTIVATEURS DE PKC**
[72] SUN, MIAO-KUN, US
[72] ALKON, DANIEL, L., US
[71] BLANCHETTE ROCKEFELLER NEUROSCIENCES INSTITUTE, US
[85] 2013-02-18
[86] 2011-08-19 (PCT/US2011/048493)
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[54] **SYSTEME DE PUBLICITE DE LIVRE NUMERIQUE, PROCEDE DE PUBLICITE DE LIVRE NUMERIQUE, DISPOSITIF CLIENT, DISPOSITIF DE FOURNITURE DE PUBLICITE, PROGRAMME, SUPPORT D'ENREGISTREMENT D'INFORMATIONS ET SYSTEME DE MISE A JOUR DE LIVRE NUMERIQUE**
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[71] FINISH SYSTEMS INTERNATIONAL, LLC, US
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[54] **METHODES ET SYSTEMES DE SECHAGE DE MATERIAUX ET DE PRODUCTION DE CHANGEMENTS DE PHASE CONTROLES DANS DES SUBSTANCES**
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[54] **SYSTEMES ET PROCEDES PERMETTANT D'INTRODUIRE DES ELEMENTS DE FIXATION A CROCHETS DANS UNE CHAINE DE MONTAGE DE MOULES**
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[54] **PROCEDE DE CONVERSION DE CHARGE HYDROCARBONEE COMPRENANT UNE HUILE DE SCHISTE PAR HYDROCONVERSION EN LIT BOUILLONNANT, FRACTIONNEMENT PAR DISTILLATION ATMOSPHERIQUE, ET HYDROCRAQUAGE**
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[72] ROMERO, ARTHUR GLENN, US
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[72] MECKLEY, TRACEY L., US
[72] DWYER, MICHAEL S., US
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[54] **SYSTEME DE PLAFOND SUSPENDU, ELEMENTS DE FIXATION ET PROCEDE D'INSTALLATION D'UN SYSTEME DE PLAFOND SUSPENDU**
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[54] **METHOD AND APPARATUS FOR CLOSURE OF AN EARTH BOREHOLE**
[54] **PROCEDE ET DISPOSITIF POUR FERMER UN TROU DE FORAGE DANS LE SOL**
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[54] **PIERRES PERSONNALISEES ET LEURS PROCEDES DE FABRICATION POUR BIJOUX**
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[54] **PROCEDE DE MELANGE DE GAZ D'ECHAPPEMENT SORTANT DE SORTIE DE CHEMINEE D'ECHAPPEMENT AVEC AIR DE REFROIDISSEMENT SORTANT DE SORTIE D'ENSEMBLE DE REFROIDISSEMENT ET MACHINE L'UTILISANT**
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[54] **SUBSTITUTED HETEROAROMATIC CARBOXAMIDE AND UREA DERIVATIVES AS VANILLOID RECEPTOR LIGANDS**
[54] **CARBOXAMIDE HETEROAROMATIQUE SUBSTITUE ET DERIVES DE L'UREE EN TANT QUE LIGANDS DU RECEPTEUR VANILLOIDE**
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[72] CHRISTOPH, THOMAS, DE
[72] LESCH, BERNHARD, DE
[72] LEE, JEEWOO, KR
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[54] **SYSTEME D'IDENTIFICATION ET DE FOURNITURE DE SERVICES A FOURNIR A DES PATIENTS DE PHARMACIE**
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[54] **METHOD FOR PRODUCING A FOAMED MATERIAL, COMPOSITION IN THE FORM OF AN EMULSION USED IN SAID METHOD, AND FOAMED MATERIAL THAT CAN BE OBTAINED FROM SAID METHOD**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU EXPANSE, COMPOSITION SOUS FORME D'EMULSION UTILISEE DANS CE CADRE ET MATERIAU EXPANSE POUVANT ETRE OBTENU PAR LEDIT PROCEDE**
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[72] FRIEDERICHS, WOLFGANG, DE
[72] STREY, REINHARD, DE
[72] KHAZOVA, ELENA, DE
[72] SOTTMANN, THOMAS, DE
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[54] **RECUPERATION THERMOELECTRIQUE ET CHAUFFAGE A EFFET PELTIER POUR FLUIDES DE MOTEURS THERMIQUES**
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[72] LIU, JUSTIN, US
[72] KLASCO, MICHAEL, US
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[54] **AMINOGLYCOSIDES ET LEURS UTILISATIONS DANS LE TRAITEMENT DES TROUBLES GENETIQUES**
[72] BAASOV, TIMOR, IL
[72] ATIA-GLIKIN, DANA, IL
[72] KANDASAMY, JEYAKUMAR, IL
[72] BELAKHOV, VALERY, IL
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[54] **A ROD SUITABLE FOR BEING INSERTED INTO A DEVIATED WELLBORE AND A METHOD OF MANUFACTURING THE SAME**
[54] **TIGE APPROPRIEE POUR ETRE INSEREE DANS UN TROU DE FORAGE DE PUITS ET PROCEDE DE FABRICATION ASSOCIE**
[72] STOKKELAND, KAJ, NO
[71] ZIEBEL AS, NO
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[72] ALLSTEDT, ROGER, SE
[72] PEDERSEN, LEIF TOFTGAARD, DK
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[54] **PROCEDE DE PRODUCTION DE PARTICULES D'OXYDE DE TITANE DE PETITE TAILLE**
[72] VITNER, ASHER, IL
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[72] BAIDOSSI, MUBEEN, IL
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[54] **PREPARATION OF NEUTRALIZING ANTIBODY TO HUMAN HERPESVIRUS 6 GLYCOPROTEIN Q1 AND ANALYSIS THEREOF**
[54] **PRODUCTION D'UN ANTICORPS NEUTRE CONTRE LA GLYCOPROTEINE Q1 DE L'HERPESVIRUS HUMAIN 6**
[72] MORI, YASUKO, JP
[72] YAMANISHI, KOICHI, JP
[72] TAKAHASHI, MICHIAKI, JP
[71] NATIONAL INSTITUTE OF BIOMEDICAL INNOVATION, JP
[71] THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY, JP
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[54] **MICROSPHERE COMPRISING A LANTHANIDE METAL COMPLEX**
[54] **MICROSPHERE COMPRENANT UN COMPLEXE DE METAL DES LANTHANIDES**
[72] BULT, WOUTER, NL
[72] NIJSEN, JOHANNES FRANCISCUS WILHELMUS, NL
[72] VAN HET SCHIP, ALFRED DIRK, NL
[71] UMC UTRECHT HOLDING B.V., NL
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[54] **INHIBITEURS SELECTIFS DE LA GLYCOSIDASE ET UTILISATIONS DE CEUX-CI**
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[72] SELNICK, HAROLD G., US
[72] CHANG, JIANG, CN
[72] MCEACHERN, ERNEST J., CA
[72] MU, CHANGWEI, CN
[72] SHI, FENG, CN
[72] VOCADLO, DAVID J., CA
[72] WANG, YAODE, CN
[72] WEI, ZHONGYONG, CN
[72] ZHOU, YUANXI, CA
[72] ZHU, YONGBAO, CA
[71] ALECTOS THERAPEUTICS INC., CA
[71] MERCK SHARP & DOHME CORP., US
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[54] **HUMAN ANTIBODIES TO HUMAN TNF-LIKE LIGAND 1A (TL1A)**
[54] **ANTICORPS HUMAINS CONTRE LE LIGAND 1A DE TYPE TNF HUMAIN (TL1A)**
[72] CLASSON, BRENDAN J., US
[72] SKOKOS, DIMITRIS, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **CIRCULATING FLUIDIZED BED WITH MOVING BED DOWNCOMERS AND GAS SEALING BETWEEN REACTORS**
[54] **LIT FLUIDISE CIRCULANT COMPRENANT DES GOULOTTES DE LIT MOBILES ET UNE SEPARATION ETANCHE AUX GAZ ENTRE LES REACTEURS**
[72] FAN, LIANG-SHIH, US
[72] LI, FANXING, US
[72] WANG, FEI, US
[72] TONG, ANDREW S., US
[72] KARRI, SURYA B. R., US
[72] FINDLAY, JOHN G., US
[72] KNOWLTON, TED M., US
[72] COCCO, RAYMOND A., US
[71] THE OHIO STATE UNIVERSITY, US
[71] PARTICULATE SOLID RESEARCH, INC., US
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[54] **IMAGE VIEWING APPLICATION AND METHOD FOR ORIENTATIONALLY SENSITIVE DISPLAY DEVICES**
[54] **APPLICATION DE VISUALISATION D'IMAGE ET PROCEDE POUR DISPOSITIFS D'AFFICHAGE SENSIBLES A L'ORIENTATION**
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[85] 2013-05-02
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[54] **ENSEMBLE COLLIER DE PREHENSION**
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[71] KRAUSZ INDUSTRIES DEVELOPMENT LTD., IL
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[25] EN
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[54] **IMMUNOGLOBULINES A DOUBLE DOMAINE VARIABLE ET UTILISATIONS DE CELLES-CI**
[72] GHAYUR, TARIQ, US
[72] LIU, JUNJIAN, US
[72] GU, JIJIE, US
[72] HARRIS, MARIA C., US
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[25] EN
[54] **SUBSTITUTED BICYCLIC CARBOXAMIDE AND UREA DERIVATIVES AS VANILLOID RECEPTOR LIGANDS**
[54] **DERIVES BICYCLIQUES SUBSTITUES DE CARBOXAMIDE ET D'UREE EN TANT QUE LIGANDS DU RECEPTEUR VANILLOIDE**
[72] FRANK, ROBERT, DE
[72] CHRISTOPH, THOMAS, DE
[72] FRORMANN, SVEN, DE
[71] GRUENENTHAL GMBH, DE
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[54] **PREDICTION DE PROGRESSION VERS UNE DEGENERESCENCE MACULAIRE LIEE A L'AGE DE STADE AVANCE A L'AIDE DE SCORE POLYGENIQUE**
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[54] **CANULE A AIGUILLE CONTENANT UN MEDICAMENT**
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[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[54] **CATALYSEURS D'EFFICACITE ELEVEE, LEUR SYNTHESE ET LEUR UTILISATION**
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[72] MAGLIO, ORNELLA, IT
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[54] **DRUG DELIVERY DEVICE WITH HOUSING COMPRISING FRANGIBLE ZONE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT DOTE D'UN BOITIER COMPRENANT UNE ZONE FRAGILE**
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[54] **PROCEDE DE DETECTION D'UNE PERTE DE DISPONIBILITE DE SERVICE, EN PARTICULIER UN EMETTEUR DE BROUILLAGE ET/OU UNE SITUATION D'INDISPONIBILITE DE SERVICE AFFECTANT UN EQUIPEMENT UTILISATEUR DE COMMUNICATION, EQUIPEMENT UTILISATEUR ET MODULE D'EVALUATION PRESENTANT DES INTERFACES A L'EQUIPEMENT UTILISATEUR**
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[54] **COMPOSITIONS DE CICATRISATION DE PLAIES CUTANEES ET LEURS PROCEDES D'UTILISATION**
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[72] PESSIER, RUDOLF C., US
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[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT DOTE D'UN BOITIER COMPRENANT UNE ZONE FRANGIBLE**
[72] JUGL, MICHAEL, DE
[72] TEUCHER, AXEL, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[54] **METHODS AND SYSTEMS FOR DATA COMMUNICATIONS FOR MULTIPLE-UNIT RAIL VEHICLES**
[54] **PROCEDES ET SYSTEMES DE TRANSMISSION DE DONNEES POUR VEHICULES FERROVIAIRES A PLUSIEURS WAGONS**
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[72] DAUM, WOLFGANG, US
[72] COOPER, JARED KLINEMAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[72] KARA, ARDA, US
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[72] GOBBI, LUCA, CH
[72] GROEBKE ZBINDEN, KATRIN, CH
[72] KOERNER, MATTHIAS, DE
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[54] **SYSTEME DE TRAITEMENT DES RESIDUS ISSUS DE LA COMBUSTION D'UN CERCUEIL CONTENANT LE CORPS D'UNE PERSONNE DECEDEE**
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[54] **CARTRIDGE HOLDER ASSEMBLY FOR A DRUG DELIVERY DEVICE**
[54] **ENSEMBLE SUPPORT DE CARTOUCHE POUR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
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[72] KRAFT, TORSTEN, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[54] **DRUG DELIVERY DEVICE WITH HOUSING COMPRISING FRANGIBLE ZONE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS AVEC UN BOITIER COMPRENANT UNE ZONE FRANGIBLE**
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[72] JUGL, MICHAEL, DE
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[72] JONES, LEIGHTON, GB
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[54] **ANODE ASSEMBLY AND METHOD**
[54] **ENSEMBLE ANODE ET PROCEDE**
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[54] **PROCEDE POUR AMELIORER LA PRODUCTION DE VIRUS ET SEMENCES VACCINALES INFLUENZA**
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[72] BOURDON, JEAN-CHRISTOPHE, GB
[72] ROSA-CALATRAVA, MANUEL, FR
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[54] **POLYETHYLENE GLYCOL OU COPOLYMERES SEQUENCES DE POLYETHYLENE GLYCOL POUR LE TRAITEMENT DU CANCER COLORECTAL**
[72] STEIN, PETER, GB
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[72] CHARLTON, RACHEL, GB
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[54] **PROCEDE DE REDUCTION DE LA CORROSION CHEMINANTE**
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[71] SEMBLANT LIMITED, GB
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[54] **EQUIPEMENT RESPIRATOIRE POUR AVION AVEC HARNAIS GONFLABLE**
[72] GREDAT, SIMON, FR
[72] GROSPRETRE, PATRICK, FR
[72] SCHMIDT, GUILLAUME, FR
[71] INTERTECHNIQUE, FR
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[54] **SOCIAL ASPECTS OF MEDIA GUIDES**
[54] **ASPECTS SOCIAUX DE GUIDES MULTIMEDIA**
[72] GOSSWEILER, RICHARD C. III, US
[71] GOOGLE INC., US
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[54] **WIRELESS BATTERY AREA NETWORK FOR SMART BATTERY MANAGEMENT**
[54] **RESEAU DE BATTERIES SANS FIL POUR LA GESTION DE BATTERIES INTELLIGENTES**
[72] LEE, JAESIK, US
[72] LEE, INSEOP, US
[72] LEE, MINKYU, US
[72] CHON, ANDREW M., US
[71] NAVITAS SOLUTIONS, INC., US
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[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **LOCKING DEVICES AND LOCKING MANAGEMENT SYSTEM USING THE SAME**
[54] **DISPOSITIFS DE VERROUILLAGE ET SYSTEME DE GESTION DE VERROUILLAGE L'UTILISANT**
[72] MENARD, CLAUDE, CA
[71] MENARD, CLAUDE, CA
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[54] **GLASSY NANO-MATERIALS**
[54] **NANOMATERIAUX VITREUX**
[72] BRANAGAN, DANIEL JAMES, US
[72] MEACHAM, BRIAN E., US
[72] WALLESER, JASON K., US
[72] SERGUEEVA, ALLA V., US
[72] BALL, ANDREW T., US
[72] JUSTICE, GRANT G., US
[71] THE NANOSTEEL COMPANY, INC., US
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[25] EN
[54] **INTEGRATED PRE-HEATING AND COOLING SYSTEM FOR DIES**
[54] **SYSTEME INTEGRE DE PRECHAUFFAGE ET DE REFROIDISSEMENT POUR MOULES**
[72] PENOCCHIO, CAMILLO, IT
[72] BONVICINI, PAOLO, IT
[71] INDUSTRIAL FRIGO S.R.L., IT
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[54] **DATA DELIVERY**
[54] **DISTRIBUTION DE DONNEES**
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[72] KUHN, BRIAN N., US
[72] WOGULIS, JAMES L., US
[71] GOOGLE INC., US
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[25] EN
[54] **NEUROSTIMULATION SYSTEM AND METHOD FOR GRAPHICALLY DISPLAYING ELECTRODE STIMULATION VALUES**
[54] **SYSTEME ET PROCEDE DE NEUROSTIMULATION PERMETTANT D'AFFICHER GRAPHIQUEMENT DES VALEURS DE STIMULATION D'ELECTRODES**
[72] KOTHANDARAMAN, SRIDHAR, US
[72] LUI, MUN POOK, US
[72] GOULD, CHRISTOPHER BRITTON, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[54] **MECHANICAL POSITION INDICATOR FOR AN AIRCRAFT LANDING GEAR**
[54] **INDICATEUR DE POSITION MECANIQUE POUR TRAIN D'ATTERRISSAGE D'AERONEF**
[72] HODGKINSON, BEN, GB
[72] LACY, STUART, GB
[72] WEBB, CHRIS, GB
[72] ANSON, GARRY, GB
[71] MESSIER-DOWTY LIMITED, GB
[85] 2013-05-02
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[51] **Int.Cl. C07H 3/02 (2006.01) C07H 1/08 (2006.01) C13K 1/02 (2006.01)**
[25] EN
[54] **MIXED SUPER CRITICAL FLUID HYDROLYSIS AND ALCOHOLYSIS OF CELLULOSE TO FORM GLUCOSE AND GLUCOSE DERIVATIVES**
[54] **HYDROLYSE ET ALCOOLYSE DE CELLULOSE A L'AIDE DE FLUIDE SUPERCRITIQUE MELANGE POUR FORMER DU GLUCOSE ET DES DERIVES DE GLUCOSE**
[72] BERRY, WILLIAM W., US
[72] SUTTERLIN, WILLIAM RUSTY, US
[72] TEGEN, MARK G., US
[71] INVENTURE RENEWABLES INC., US
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[51] **Int.Cl. A61B 18/04 (2006.01) A61B 17/32 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT WITH CHARGING STATION AND WIRELESS COMMUNICATION**
[54] **INSTRUMENT CHIRURGICAL AVEC STATION DE CHARGE ET COMMUNICATION SANS FIL**
[72] HOUSER, KEVIN L., US
[72] PRICE, DANIEL W., US
[72] MONSON, GAVIN M., US
[72] JAIN, HITESH, IN
[71] ETHICON ENDO-SURGERY, INC., US
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[87] (WO2012/061718)
[30] US (61/410,603) 2010-11-05
[30] US (61/487,846) 2011-05-19
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[51] **Int.Cl. A61B 17/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SAFELY EXPANDING MINIMALLY INVASIVE SURGICAL INCISIONS**
[54] **DISPOSITIF ET METHODE POUR ELARGIR EN TOUTE SECURITE DES INCISIONS CHIRURGICALES A INVASION MINIMALE**
[72] GUILFORD, WILLIAM H., US
[72] SLINGLUFF, CRAIG L., JR., US
[72] JUDGE, JOSHUA M., US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
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[25] EN
[54] **COMBINATION THERAPY FOR PROSTATE CANCER USING BOTANICAL COMPOSITIONS AND BICALUTAMIDE**
[54] **MULTITHERAPIE POUR LE CANCER DE LA PROSTATE UTILISANT DES COMPOSITIONS VEGETALES ET DU BICALUTAMIDE**
[72] DAO, JEFFREY, US
[72] DAO, JAMES, US
[72] GAO, ALLEN CHUAN, US
[72] GERWICK, WILLIAM, US
[72] GERWICK, LENA, US
[72] JORDAN, MARYANN, US
[72] MIKOVITS, JUDY, US
[72] OKOUNEVA, TATIANA, US
[72] OROUDJEV, EMIN, US
[71] DAO, JEFFREY, US
[71] GENYOUS BIOMED INTERNATIONAL, US
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[86] 2011-11-04 (PCT/US2011/059471)
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[51] **Int.Cl. B65F 1/14 (2006.01) B65D 88/16 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINER ASSEMBLY AND METHODS FOR MAKING AND USING THE SAME**
[54] **ENSEMBLE RECIPIENT SOUPLE ET PROCEDES POUR SA FABRICATION ET SON UTILISATION**
[72] CAVENAGH, EDWARD JOHN, US
[72] MACDONALD, KAREN LEE, US
[72] FRIESEN, ALDEN DALE, US
[72] DESTA, SELAMAWIT TEDESSE, US
[71] ILLINOIS TOOL WORKS INC., US
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[51] **Int.Cl. B65D 85/10 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **PACKAGE OF TOBACCO ARTICLES WITH AN INNER PACKAGE FITTED WITH A SEALING FLAP FIXED TO A HINGED LID**
[54] **PAQUET D'ARTICLES DE TABAC POSSEDANT UN PAQUET INTERIEUR DOTE D'UN VOLET DE FERMETURE HERMETIQUE FIXE A UN COUVERCLE ARTICULE**
[72] BERTUZZI, IVANOE, IT
[72] VITALI, ANTONIO, IT
[72] BIONDI, ANDREA, IT
[71] G.D. SOCIETA' PER AZIONI, IT
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[51] **Int.Cl. A47K 5/12 (2006.01)**
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[54] **DISPENSER WITH FLEXIBLE COVER**
[54] **DISTRIBUTEUR AVEC COUVERCLE FLEXIBLE**
[72] MCNULTY, JOHN, US
[72] QUINLAN, ROBERT, US
[72] SMITH, DAVID, US
[71] GOJO INDUSTRIES, INC., US
[85] 2013-05-02
[86] 2011-11-01 (PCT/US2011/058707)
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[51] **Int.Cl. A61N 5/10 (2006.01)**
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[54] **EXPANDABLE BRACHYTHERAPY APPARATUS AND METHODS FOR USING THEM**
[54] **APPAREILS DE CURIETHERAPIE DILATABLES ET PROCEDES D'UTILISATION ASSOCIES**
[72] CHI SING, EDUARDO, US
[72] NGUYEN, TOMMY G., US
[71] CIANNA MEDICAL, INC., US
[85] 2013-05-02
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[51] **Int.Cl. H01L 31/052 (2006.01)**
[25] EN
[54] **LUMINESCENT SOLAR CONCENTRATOR APPARATUS, METHOD AND APPLICATIONS**
[54] **APPAREIL CONCENTRATEUR SOLAIRE LUMINESCENT, PROCEDE ET APPLICATIONS ASSOCIES**
[72] POWELL, DAVID, US
[72] ALERS, GLENN, US
[72] OLSON, JEREMY, US
[71] ABENGOA SOLAR PV INC., US
[85] 2013-05-02
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[51] **Int.Cl. A61F 5/448 (2006.01) A61F 5/445 (2006.01)**
[25] EN
[54] **CONTROLLED DISCHARGE OSTOMY APPLIANCE AND MOLDABLE ADHESIVE WAFER**
[54] **APPAREIL POUR STOMIE A EVACUATION REGULEE ET TRANCHE ADHESIVE POUVANT ETRE MOULEE**
[72] TSAI, MINGLIANG LAWRENCE, US
[71] CONVATEC TECHNOLOGIES INC., US
[85] 2013-05-02
[86] 2011-11-02 (PCT/US2011/058934)
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[25] EN
[54] **CLOSURE DEVICE, DEPLOYMENT APPARATUS, AND METHOD OF DEPLOYING A CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE, APPAREIL DE DEPLOIEMENT, ET PROCEDE DE DEPLOIEMENT D'UN DISPOSITIF DE FERMETURE**
[72] GREEN, STEPHEN M., US
[72] FAIRMAN, BRIAN, US
[72] BRODT, HERBERT F., US
[72] BOGER, DAVID K., US
[71] TRANSLUMINAL TECHNOLOGIES, INC., US
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[51] **Int.Cl. F16B 19/04 (2006.01) B32B 15/08 (2006.01) B64C 1/12 (2006.01) F16B 33/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING AND USING A SELF-SEALING FASTENER**
[54] **PROCEDE ET APPAREIL POUR REALISER ET UTILISER UN ELEMENT DE FIXATION AUTO-ETANCHEIFIANT**
[72] BRAY, ALAN V., US
[72] DEPPE, DENISE, US
[72] SCHMIDT, GARY, US
[72] IRVIN, DAVID J., US
[71] SYSTEMS AND MATERIALS RESEARCH CORPORATION, US
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[25] EN
[54] **COMPOSITIONS CONTAINING ANTHRAQUINONE DERIVATIVES AS GROWTH PROMOTERS AND ANTIFUNGAL AGENTS**
[54] **COMPOSITIONS CONTENANT DES DERIVES D'ANTHRAQUINONE COMME PROMOTEURS DE CROISSANCE ET AGENTS ANTIFONGIQUES**
[72] SU, HAI, US
[72] MARRONE, PAMELA, US
[72] OSBORNE, JASON L., US
[71] MARRONE BIO INNOVATIONS, INC., US
[85] 2013-05-02
[86] 2011-11-03 (PCT/US2011/059197)
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[25] EN
[54] **COMPOSITION AND METHOD FOR TREATING SKIN CONDITIONS**
[54] **COMPOSITION ET PROCEDE POUR LE TRAITEMENT D'ETATS CUTANES**
[72] JACKSON, MARK J., US
[71] 442 VENTURES, LLC, US
[85] 2013-05-02
[86] 2011-11-03 (PCT/US2011/059206)
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[51] **Int.Cl. A63B 71/08 (2006.01)**
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[54] **AIR-PERMEABLE ADAPTABLE MOUTHGUARD HAVING CLAMPED JAWS**
[54] **PROTECTION INTRA-BUCCALE ADAPTABLE AEROPERMEABLE MACHOIRES SERREES**
[72] OHRENSSTEIN, HERVE, FR
[72] POISSON, PHILIPPE, FR
[71] UNIVERSITE VICTOR SEGALEN - BORDEAUX 2, FR
[71] OHRENSSTEIN, HERVE, FR
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[86] 2011-11-17 (PCT/FR2011/052682)
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[25] EN
[54] **SURGICAL INSTRUMENT WITH MODULAR END EFFECTOR**
[54] **INSTRUMENT CHIRURGICAL POURVU D'UN EFFECTEUR D'EXTREMITE MODULAIRE**
[72] PRICE, DANIEL W., US
[72] TIMM, RICHARD W., US
[72] MOORE, KYLE P., US
[72] JOHNSON, GREGORY W., US
[72] SCHULTE, JOHN B., US
[72] MUMAW, DANIEL J., ZA
[72] HOUSER, KEVIN L., US
[71] ETHICON ENDO-SURGERY, INC., US
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[87] (WO2012/061645)
[30] US (61/410,603) 2010-11-05
[30] US (61/487,846) 2011-05-19
[30] US (13/274,805) 2011-10-17

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[51] **Int.Cl. G01L 27/00 (2006.01) G01L 13/00 (2006.01)**
[25] EN
[54] **DIFFERENTIAL PRESSURE TRANSMITTER WITH INTRINSIC VERIFICATION**
[54] **TRANSMETTEUR DE PRESSION DIFFERENTIELLE AVEC CONFIRMATION INTRINSEQUE**
[72] SGOURAKES, GEORGE E., US
[71] AVGI ENGINEERING, INC., US
[85] 2013-05-02
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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/32 (2006.01) A61B 17/285 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT WITH MODULAR CLAMP PAD**
[54] **INSTRUMENT CHIRURGICAL AVEC BLOC DE PINCE MODULAIRE**
[72] HOUSER, KEVIN L., US
[72] HABERSTICH, WELLS D., US
[72] MILLER, MATTHEW C., US
[72] PRICE, DANIEL W., US
[71] ETHICON ENDO-SURGERY, INC., US
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[86] 2011-11-03 (PCT/US2011/059223)
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[30] US (61/410,603) 2010-11-05
[30] US (61/487,846) 2011-05-19
[30] US (13/274,830) 2011-10-17

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[51] **Int.Cl. A61B 17/28 (2006.01) A61B 17/295 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT WITH CHARGING DEVICES**
[54] **INSTRUMENT CHIRURGICAL POURVU DE DISPOSITIFS DE CHARGE**
[72] HOUSER, KEVIN L., US
[72] YATES, DAVID C., US
[72] WILLIS, JOHN W., US
[72] ZINGMAN, ARON O., US
[72] KORVICK, DONNA L., US
[72] MADAN, ASHVANI K., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2013-05-02
[86] 2011-11-03 (PCT/US2011/059226)
[87] (WO2012/061649)
[30] US (61/410,603) 2010-11-05
[30] US (61/487,846) 2011-05-19
[30] US (13/275,495) 2011-06-02

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[51] **Int.Cl. A01N 25/04 (2006.01) A01N 45/00 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **STORAGE-STABLE, ANTI-MICROBIAL COMPOSITIONS INCLUDING CERAGENIN COMPOUNDS AND METHODS OF USE**
[54] **COMPOSITIONS ANTIMICROBIENNES STABLES A LA CONSERVATION COMPRENANT DES COMPOSES DE CERAGENINE ET PROCEDES D'UTILISATION**
[72] SAVAGE, PAUL B., US
[71] BRIGHAM YOUNG UNIVERSITY, US
[85] 2013-05-02
[86] 2011-11-03 (PCT/US2011/059225)
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[30] US (61/456,204) 2010-11-03

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[13] A1
[51] **Int.Cl. A62C 3/08 (2006.01)**
[25] EN
[54] **FIRE BARRIER LAYER AND FIRE BARRIER FILM LAMINATE**
[54] **COUCHE ANTI-FEU ET FILM STRATIFIE ANTI-FEU**
[72] FERNANDO, JOSEPH A., US
[72] GARVEY, CHAD E., US
[72] RIOUX, ROBERT, US
[72] MILLER, KENNETH B., US
[72] JUNG, GENE, US
[71] UNIFRAX I LLC, US
[71] LAMART CORPORATION, US
[85] 2013-05-02
[86] 2011-11-18 (PCT/US2011/061307)
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[13] A1
[51] **Int.Cl. A62C 3/08 (2006.01)**
[25] EN
[54] **BURNTHROUGH PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION CONTRE LA PERFORATION PAR LE FEU**
[72] FERNANDO, JOSEPH A., US
[72] GARVEY, CHAD E., US
[72] RIOUX, ROBERT, US
[72] MILLER, KENNETH B., US
[71] UNIFRAX I LLC, US
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[54] **INSTRUMENT CHIRURGICAL AVEC TIGE MODULAIRE ET EFFECTEUR D'EXTREMITE**
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[72] KIMBALL, CORY G., US
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[54] **NOUVEL ANTIGENE D'AGENTS PATHOGENES ENTEROCOCCIQUES ET SON UTILISATION EN TANT QUE COMPOSANT VACCINAL POUR UN TRAITEMENT ET/OU UNE PROPHYLAXIE**
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[54] **COMBINAISONS D'ANTICORPS C-MET**
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[72] SAUNDERS, MICHAEL, BE
[72] DE HAARD, JOHANNES, BE
[72] FESTJENS, ELS, BE
[72] DE JONGE, NATALIE, BE
[72] MICHIELI, PAULO, IT
[72] BASILICO, CRISTINA, IT
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[71] ELDON TECHNOLOGY LIMITED, GB
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[54] **PARTICULES LIPIDIQUES CONTENANT DES ACIDES NUCLEIQUES ET PROCEDES ASSOCIES**
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[72] HAFEZ, ISMAIL, CA
[72] HANSEN, CARL LARS GENGHIS, CA
[72] HUFT, JENS, CA
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[54] **SYSTEME DE FILTRATION DE POUSSIERE FINE ELECTROSTATIQUE, ELEMENT DE RETENUE POUR UNE ELECTRODE ET ELECTRODE CORRESPONDANTE**
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[72] MUELLER, BEAT, CH
[71] MULLER, BEAT, CH
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[54] **CONJUGUES DE VITAMINE E ET LEURS UTILISATIONS COMME ANTI-OXYDANTS ET VEHICULES D'ADMINISTRATION DE PROMEDICAMENTS**
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[72] SPIVAK, DAVID, US
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[72] HALL, DENNIS G., CA
[72] MERENIUK, TODD RANDALL, CA
[72] WEINFELD, MICHAEL, CA
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[54] **PROCEDE POUR BAIGNOIRE POURVUE D'UN PANNEAU DE BASE RENFERMANT DU BOIS**
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[71] MASCO BATH CORPORATION, US
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[71] LMR TECHNOLOGIES LIMITED, GB
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[54] **APPAREIL DE COMMANDE DE DISPOSITIF DE FIXATION**
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[71] TRICORD SOLUTIONS, INC., US
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[72] SOBHANI, IRADJ, FR
[71] UNIVERSITE PARIS XII VAL DE MARNE, FR
[71] ASSISTANCE PUBLIQUE HOPITAUX DE PARIS, FR
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[54] **SYSTEMES CEST PRESENTANT UNE SENSIBILITE INDEPENDANTE DE LA CONCENTRATION**
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[72] TERRENO, ENZO, IT
[72] DELLI CASTELLI, DANIELA, IT
[72] LONGO, DARIO LIVIO, IT
[72] FEDELI, FRANCO, IT
[72] UGGERI, FULVIO, IT
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[54] **METHODES DE TRAITEMENT AU MOYEN DE COMPOSES LIPIDIQUES**
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[72] SKJÆRET, TORE, NO
[72] FRASER, DAVID A., NO
[71] PRONOVA BIOPHARMA NORGE AS, NO
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[30] US (61/410,158) 2010-11-04
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[54] **INGREDIENTS CRISTALLINS ACTIFS AU PLAN PHARMACEUTIQUE**
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[72] KOVANYINE LAX, GYORGYI, HU
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[72] HAVASI, BALAZS, HU
[72] SIPOS, EVA, HU
[72] VOLK, BALAZS, HU
[72] RUNGE, ZSOLT, HU
[72] FODORNE KOCSMAR, KRISZTINA, HU
[72] LUKACS, GYULA, HU
[72] KATAINE FADGYAS, KATALIN, HU
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[54] **DISPOSITIF DE CAPTURE POUR TROU DE FORAGE DE SOURCE DE FLUIDE**
[72] ROEHM, VALENTIN, DE
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[54] **DISPOSITIFS ET PROCEDES POUR FENESTRATION IN SITU D'UNE ENDOPROTHESE COUVERTE AU NIVEAU D'UN VAISSEAU RAMIFIE**
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[54] **COMPUTER AIDED ANALYSIS AND MONITORING OF MOBILITY ABNORMALITIES IN HUMAN PATIENTS**
[54] **ANALYSE ET SURVEILLANCE ASSISTEES PAR ORDINATEUR D'ANOMALIES DE MOBILITE CHEZ DES PATIENTS HUMAINS**
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[72] FELDMAN, YORAM, IL
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[72] FOCASSIO, PAULO, BR
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[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE LA MYELOFIBROSE**
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[71] TARGEGEN, INC., US
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[54] **PREPARATIONS DE YAOURT BUVABLE CONTENANT DES MICRO-ORGANISMES PROBIOTIQUES INCAPABLES DE SE REPRODUIRE**
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[72] PRIOULT, GUENOLEE, CH
[72] NUTTEN, SOPHIE, CH
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[72] LU, FANG, US
[72] GREENE, THOMAS W., US
[72] MOORE, ROBERT E., JR., US
[72] HEDGES, BRADLEY, CA
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[72] RAM, RAGHAV, US
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[72] BECK, ANDREW, GB
[72] COSTELLO, LAURIE, GB
[72] MULHOLLAND, JOHN, GB
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[54] **COMPOSES TAMPONS**
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[71] SACHEM, INC., US
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[54] **APPARATUS AND METHOD FOR RAPID SUPPRESSION OF NEUROPATHIC, ONCOLOGICAL, AND PAEDIATRIC PAIN, RESISTANT TO OPIATES AND TO CONVENTIONAL ELECTRO-ANALGESIA**
[54] **APPAREIL ET PROCEDE DESTINES A SUPPRIMER RAPIDEMENT TOUTE DOULEUR NEUROPATHIQUE, ONCOLOGIQUE, ET PEDIATRIQUE, RESISTANT AUX OPIACES ET A UNE ELECTROANALGESIE CONVENTIONNELLE**
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[54] **SOLID FORMS OF (S)-2-AMINO-3-(4-(2-AMINO-6-((R)-1-(4-CHLORO-2-(3-METHYL-1H-PYRAZOL-1-YL)PHENYL)-2,2,2-TRIFLUOROETHOXY)PYRIMIDIN-4-YL)PHENYL)PROPANOIC ACID**
[54] **FORMES CRISTALLINES DE L'ACIDE (S)-2-AMINO-3-(4-(2-AMINO-6-((R)-1- (4-CHLORO-2-(3-METHYL-1H-PYRAZOL-1-YL)PHENYL)-2,2,2-TRIFLUOROETHOXY)-PYRIMIDIN-4-YL)PHENYL)PROPANOIQUE**
[72] LI, QUN, US
[72] HU, WEIFENG, CN
[72] YANG, XIAOGEN, CN
[72] ZHAO, JIANGQIONG, CN
[72] ZHAO, MATTHEW MANGZHU, US
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[54] **METHOD OF OBTAINING PHYTOSTEROLS AND/OR TOCOPHEROLS FROM RESIDUES OF A DISTILLATION OF THE ESTERS OF VEGETABLE OILS, PREFERABLY FROM DISTILLATION RESIDUES FROM A TRANSESTERIFICATION OF VEGETABLE OILS**
[54] **PROCEDE D'EXTRACTION DE PHYTOSTEROLS ET/OU DE TOCOPHEROLS A PARTIR DE RESIDUS D'UNE DISTILLATION D'ESTERS D'HUILES VEGETALES, DE PREFERENCE A PARTIR DE RESIDUS DE DISTILLATION ISSUS D'UNE TRANSESTERIFICATION D'HUILES VEGETALES**
[72] LEMP, JOACHIM, DE
[72] BAADE, NICO, DE
[72] POEHLS, EMANUEL, DE
[71] VERBIO VEREINIGTE BIOENERGIE AG, DE
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[54] **SYSTEME ET PROCEDE DE CONVERSION DE SECTEUR CC-CA BIDIRECTIONNELLE**
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[72] NARASIMHA, RAJU, IN
[72] LIPARE, MAHESH, IN
[72] KLIKIC, DAMIR, US
[71] SCHNEIDER ELECTRIC IT CORPORATION, US
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[54] **INITIATION SEQUENCES FOR RAMPING-UP PULSE POWER IN A MEDICAL LASER HAVING HIGH-INTENSITY LEADING SUBPULSES**
[54] **SEQUENCES DE DECLENCHEMENT POUR ACCELERER LA PUISSANCE D'IMPULSION DANS LASER MEDICAL AYANT DES SOUS-IMPULSIONS AVANT DE GRANDE INTENSITE**
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[72] MCKEE, RONALD D., US
[71] BIOLASE, INC., US
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[54] **DYSFONCTIONNEMENT DU SNC CONTROLE OPTIQUEMENT**
[72] TYE, KAY, US
[72] FENNO, LIEF, US
[72] DEISSEROTH, KARL, US
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[54] **ATTENUATION DU COLMATAGE DANS DES PROCEDES D'HYDROFORMYLATION PAR ADDITION D'EAU**
[72] MILLER, GLENN A., US
[72] BRAMMER, MICHAEL A., US
[72] CAMPBELL, DONALD L., JR., US
[72] EISENSCHMID, THOMAS C., US
[72] LORD, ADRIAN, GB
[72] RUDOLPH, JENS, DE
[72] REEH, HANS-RUDIGER, DE
[72] THELEN, HANS-GUNTER, DE
[72] WALTER, MAXIMILIAN, DE
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[71] BASF SE, DE
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[54] **USING POWER FINGERPRINTING (PFP) TO MONITOR THE INTEGRITY AND ENHANCE SECURITY OF COMPUTER BASED SYSTEMS**
[54] **UTILISATION DE SIGNATURE DE CONSOMMATION DE PUISSANCE (PFP) POUR SURVEILLER L'INTEGRITE ET RENFORCER LA SECURITE DE SYSTEMES INFORMATIQUES**
[72] REED, JEFFREY HUGH, US
[72] AGUAYO GONZALEZ, CARLOS R., US
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
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[54] **LIGHT-ACTIVATED CHIMERIC OPSINS AND METHODS OF USING THE SAME**
[54] **OPSINES CHIMERIQUES ACTIVEES PAR LA LUMIERE ET LEURS PROCEDES D'UTILISATION**
[72] DEISSEROTH, KARL, US
[72] YIZHAR, OFER, US
[72] FENNO, LIEF, US
[72] HEGEMANN, PETER, DE
[72] PRIGGE, MATTHIAS, DE
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[54] **CONTROLE ET CARACTERISATION DE LA FONCTION MEMOIRE**
[72] GOSHEN, INBAL, US
[72] DEISSEROTH, KARL, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **PIPERIDINONE CARBOXAMIDE INDANES, ANTAGONISTES DU RECEPTEUR CGRP**
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[72] FRALEY, MARK E., US
[72] GALLICCHIO, STEVEN N., US
[72] GINNETTI, ANTHONY, US
[72] MITCHELL, HELEN J., US
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[72] STAAS, DONNETTE D., US
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[54] **SYSTEMES DISTRIBUTEURS DE GAZ NATUREL LIQUEFIE A MULTI-SATURATION**
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[72] PRATT, MITCHELL, US
[71] CLEAN ENERGY FUELS CORP, US
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[54] **REGULATION OPTOGENETIQUE DE COMPORTEMENTS ASSOCIES A LA RECOMPENSE**
[72] DEISSEROTH, KARL, US
[72] WITTEN, ILANA, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY, US
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[54] **COMPOSITIONS AND METHODS RELATING TO REDUCED MUCOADHESION**
[54] **COMPOSITIONS ET PROCEDES VISANT A UNE REDUCTION DE LA MUCOADHERENCE**
[72] LAI, SAMUEL K., US
[72] YANG, MING, US
[72] WANG, YING-YING, US
[72] MERT, OLCAY, TR
[72] ENSIGN, LAURA, US
[72] HANES, JUSTIN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **PROCEDE, APPAREIL ET SYSTEME DE DETECTION DE PRESENCE**
[72] CHEMEL, BRIAN, US
[72] PIEPGRAS, COLIN, US
[72] MORGAN, FREDERICK, US
[71] DIGITAL LUMENS INCORPORATED, US
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[51] **Int.Cl. A61B 17/32 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **USER FEEDBACK THROUGH END EFFECTOR OF SURGICAL INSTRUMENT**
[54] **RETOUR D'INFORMATION A L'UTILISATEUR PAR L'INTERMEDIAIRE DE L'EFFECTEUR D'EXTREMITE D'UN INSTRUMENT CHIRURGICAL**
[72] KIMBALL, CORY G., US
[72] PRICE, DANIEL W., US
[72] STROBL, GEOFFREY S., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2013-05-03
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[87] (WO2012/061725)
[30] US (61/410,603) 2010-11-05
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[54] **SURGICAL INSTRUMENT WITH MODULAR END EFFECTOR AND DETECTION FEATURE**
[54] **INSTRUMENT CHIRURGICAL AVEC EFFECTEUR D'EXTREMITE MODULAIRE ET FONCTIONNALITE DE DETECTION**
[72] HOUSER, KEVIN L., US
[72] MONSON, GAVIN M., US
[71] ETHICON ENDO-SURGERY INC., US
[85] 2013-05-03
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[54] **USER FEEDBACK THROUGH HANDPIECE OF SURGICAL INSTRUMENT**
[54] **RETROACTION D'UTILISATEUR PAR PIECE A MAIN D'INSTRUMENT CHIRURGICAL**
[72] HOUSER, KEVIN L., US
[72] DANNAHER, WILLIAM D., US
[72] DIETZ, TIMOTHY G., US
[72] STULEN, FOSTER B., US
[72] SHELTON, FREDERICK E. IV, US
[72] YATES, DAVID C., US
[72] WORRELL, BARRY C., US
[71] ETHICON ENDO-SURGERY, INC., US
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[30] US (61/487,846) 2011-05-19
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[25] EN
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[54] **ACTIVATION SELECTIVE DE COMPOSANTS ELECTRONIQUES DANS UN DISPOSITIF MEDICAL**
[72] HOUSER, KEVIN L., US
[72] STULEN, FOSTER B., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2013-05-03
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[30] US (61/487,846) 2011-05-19
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[25] EN
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[54] **CONTENANT POUR SOLUTION ELECTROLYTIQUE NON AQUEUSE, SOLUTION ELECTROLYTIQUE NON AQUEUSE A PLACER DANS UN CONTENANT, ET PROCEDE DE STOCKAGE D'UNE SOLUTION ELECTROLYTIQUE NON AQUEUSE**
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[54] **PROCEDE ET APPAREIL DE CODAGE DE TRANSMISSION HARQ-ACK DANS DES SYSTEMES TDD A AGREGATION DE PORTEUSES DE LIAISON DESCENDANTE**
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[54] **PROTEINES BETA-GLUCOCEREBROSIDASE RECOMBINANTES, VARIANTES, AYANT UNE STABILITE ACCRUE ET UNE ACTIVITE CATALYTIQUE RESIDUELLE ACCRUE**
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[54] **LIANT A BASE DE POLYURETHANE POUR LA PRODUCTION DE NOYAUX ET DE MOULES A L'AIDE D'ISOCYANATES CONTENANT UN GROUPE URETHONIMIME ET/OU CARBODIIMIDE, UN MELANGE DE MOULAGE CONTENANT CE LIANT ET UN PROCEDE D'UTILISATION DE CE LIANT**
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[54] **NOUVEAUX OLIGOMERES, PROCEDE POUR LES PREPARER ET LEUR UTILISATION POUR FLUIDIFIER ET/OU AMELIORER LA STABILITE DE COMPOSITIONS POLYMERES**
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[54] **PROCEDE ET APPAREIL POUR LA REDUCTION DES EMISSIONS DE NOX LORS DE L'INCINERATION DE GAZ RESIDUAIRE**
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[54] **PROCEDES D'ISOLEMENT DE PARTICULES CONTENANT DES ACIDES NUCLEIQUES ET EXTRACTION D'ACIDES NUCLEIQUES A PARTIR DE CELLES-CI**
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[54] **FORMES SOLIDES DU DIMETHYLCARBAMATE DE 3-(4-(AMINOMETHYL)-1-(5-METHYL-7H-PYRROLO[2,3-D]PYRIMIDIN-4-YL)PIPERIDINE-4-CARBOXAMIDO)PHENYLE**
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[54] **PROCEDE DE DETECTION D'UN EMETTEUR DE BROUILLAGE AFFECTANT UN EQUIPEMENT UTILISATEUR DE COMMUNICATION, EQUIPEMENT UTILISATEUR ET MODULE D'EVALUATION PRESENTANT DES INTERFACES A L'EQUIPEMENT UTILISATEUR**
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[54] **OUTILS POUR UTILISATION DANS DES TROUS DE SONDE SOUTERRAINS AVEC ELEMENTS EXTENSIBLES ET PROCEDES APPARENTES**
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[72] RENFROW, JAY H., US
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[54] **COMPOSITION COMPRENANT DES PROTEINES HYDROLYSEES ET DES OLIGOSACCHARIDES POUR LE TRAITEMENT DE MALADIES DE LA PEAU**
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[54] **PROCEDE DE TRAITEMENT DE DECHETS ORGANIQUES**
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[72] BECKER, HINNERK GORDON, DE
[71] EVONIK OXENO GMBH, DE
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[72] HAIDER, GERHARD, SE
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[71] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
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[54] **RELATED-WORD REGISTRATION DEVICE, INFORMATION PROCESSING DEVICE, RELATED-WORD REGISTRATION METHOD, PROGRAM FOR RELATED-WORD REGISTRATION DEVICE, AND RECORDING MEDIUM**
[54] **DISPOSITIF D'ENREGISTREMENT DE MOTS LIES, DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE D'ENREGISTREMENT DE MOTS LIES, PROGRAMME DESTINE A UN DISPOSITIF D'ENREGISTREMENT DE MOTS LIES ET SUPPORT D'ENREGISTREMENT**
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[71] RAKUTEN, INC., JP
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[72] BROWN, ZARIN, GB
[72] CHARLTON, STEVEN JOHN, GB
[72] CROMIE, KAREN, BE
[72] DOMBRECHT, BRUNO, BE
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[72] VAN HEEKE, GINO, GB
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[72] KOEPPEN, HARTMUT, US
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[54] **PROCEDE DE FABRICATION D'UNE BIELLE MECANIQUE TUBULAIRE, ET BIELLE OBTENUE PAR UN TEL PROCEDE**
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[54] **DISPOSITIF DE DETECTION D'UNE CONTAMINATION FONGIQUE**
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[72] JOBLIN, YAEL, FR
[72] ROBINE, ENRIC, FR
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[54] **DISPOSITIF D'ENREGISTREMENT DE MOTS LIES, DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCEDE D'ENREGISTREMENT DE MOTS LIES, PROGRAMME DESTINE A UN DISPOSITIF D'ENREGISTREMENT DE MOTS LIES, SUPPORT D'ENREGISTREMENT ET SYSTEME D'ENREGISTREMENT DE MOTS LIES**
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[71] LATCHWAYS PLC, GB
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[72] DRYSDALE, RICHARD LEE, US
[72] LUNA, MICHAEL EDWARD SMITH, US
[72] FULLAM, SCOTT, US
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[54] **CURABLE PHOTOCHROMIC COMPOSITIONS AND OPTICAL ARTICLES PREPARED THEREFROM**
[54] **COMPOSITIONS PHOTOCHROMIQUES DURCISSABLES ET OBJETS D'OPTIQUE PREPARES A PARTIR DE CELLES-CI**
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[72] LAMERS, PAUL H., US
[72] LEWIS, JASON R., US
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[72] WALTERS, ROB, US
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[54] **NOUVEAUX DERIVES DE POLYMERE DE POLYPHENOL-QUINONOIDE AUTOASSEMBLES ET UTILISATIONS DE CEUX-CI**
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[72] PETERSON, DAVID W., US
[72] STOWELL, MATTHEW A., US
[72] LAW, PERRY N., US
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[54] **DISPOSITIF D'INSPECTION DE BATIMENT**
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[54] **COMPOSITIONS AND ARTICLES CONTAINING AN ACTIVE LIQUID IN A POLYMERIC MATRIX AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS ET ARTICLES CONTENANT UN LIQUIDE ACTIF DANS UNE MATRICE POLYMERE ET PROCEDES DE FABRICATION ET D'UTILISATION DESDITS ARTICLES ET COMPOSITIONS**
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[54] **SYSTEME DE VERIFICATION DE L'UNIFORMITE D'UN PNEU**
[72] WOLLBRINCK, JAMES, US
[72] MATUSZNY, RICHARD R., US
[72] CARGOULD, BARRY, US
[72] WILLIAMS, PETER, US
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[54] **PROCEDE POUR LA DETECTION A DISTANCE DE MATERIAUX D'INTERFACE DE PLAIE A L'INTERIEUR DU CORPS**
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[71] KCI LICENSING, INC., US
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[71] SENSUS USA INC., US
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[54] **BIOLOGICAL OXIDATION OF HYDROGEN SULPHIDE IN A PSYCHROPHILIC ANAEROBIC DIGESTION BIOREACTOR SUBJECTED TO MICROAEROBIC CONDITIONS**
[54] **OXYDATION BIOLOGIQUE DU SULFURE D'HYDROGENE DANS UN BIOREACTEUR A DIGESTION ANAEROBIE PSYCHROPHILE SOUMIS A DES CONDITIONS MICRO-AEROBIES**
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[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
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[54] **TUBE POLYMERE COMPORTANT UN CAPTEUR D'IDENTIFICATION, AINSI QUE SON PROCEDE DE FABRICATION**
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[54] **PROCEDE ET APPAREIL POUR MESURER UN POTENTIEL D'OXYDO-REDUCTION**
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[71] LUOXIS DIAGNOSTICS, INC., US
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[72] KIEFER, RANDOLF, DE
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[72] BULAN, ANDREAS, DE
[71] UHDENORA S.P.A., IT
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[54] **METHODE PERMETTANT D'AMELIORER L'IMMUNITE D'UN ANIMAL DE COMPAGNIE**
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[72] DAVENPORT, GARY MITCHELL, US
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[71] THE IAMS COMPANY, US
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[54] **SUSPENSION DE CELLULES SOUCHES**
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[72] WEBER, HEIKE, DE
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[54] **PRODUITS A BASE DE PATE COMPRENANT DE L'ETHYLCELLULOSE ET PRESENTANT UNE MIGRATION D'HUILE REDUITE**
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[54] **SOLIDES CRISTALLINS D'INHIBITEUR DE METAP-2 ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
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[54] **ALLIAGES MAGNESIUM-ALUMINIUM A CONCEPTION SPECIALE ET LEURS UTILISATIONS MEDICALES DANS UN ENVIRONNEMENT HEMODYNAMIQUE**
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[72] DAMBRUOSO, PAOLO, IT
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[72] TOMMASI, SIMONA, IT
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[72] FULLER, ANDREW, US
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[54] **CATALYSEUR SUR CARBONE ET SON PROCEDE DE PRODUCTION, ET ELECTRODE ET PILE EQUIPEES DUDIT CATALYSEUR**
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[54] **SUSPENSIONS DE CAPSULES HERBICIDES D'ACETOCHLORE CONTENANT DES QUANTITES REDUITES DE SAFENER**
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[72] WILSON, STEPHEN L., US
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[72] OUSE, DAVID G., US
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[72] SCHERDER, ERIC, US
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[72] TREIBER, LASZLO, R., US
[72] ZAMANSKY, IRINA, US
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[54] **NOUVELLES COMPOSITIONS ET UTILISATIONS D'AGENTS HYPOTENSEURS DANS LE TRAITEMENT DU CANCER**
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[72] BOUCHER, YVES, US
[72] CHAUHAN, VIKASH PAL SINGH, US
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[54] **IONOMERES DE PHOSPHONIUM COMPRENANT DES GROUPES VINYLE PENDANTS, ET LEURS PROCEDES DE PREPARATION**
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[72] MALMBERG, SEAN M., CA
[72] FERRARI, LORENZO, CA
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[54] **PROCEDE DE MISE EN □UVRE DE PILES DE LINGETTES HUMIDES AYANT UN MEILLEUR GRADIENT D'HUMIDITE**
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[72] MARSH, RANDALL GLENN, US
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[72] LIU, XIN, CN
[72] ZHOU, HONG, CN
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[72] TINEMBART, JEAN-FRANCOIS, CH
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[54] **TRAITEMENT D'UN SOLVANT A BASE AMINE CONTAMINE PAR L'INTRODUCTION D'OXYDES DE SOUFRE**
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[72] JOH, RALPH, DE
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[54] **APPAREIL ET PROCEDE POUR FORMER DES GROUPES D'ARTICLES SUR UN CONVOYEUR**
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[54] **PROCEDE ET APPAREIL DE GESTION DE LA NUTRITION POUR UNE APPLICATION DE BIEN-ETRE UTILISANT LES DONNEES D'UN BRACELET DOTE D'UNE FONCTION DE TRANSFERT DE DONNEES**
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[54] **SYSTEME DE GESTION DE TRANSMISSION, PROGRAMME, SUPPORT D'ENREGISTREMENT D'INFORMATIONS LISIBLE PAR ORDINATEUR, SYSTEME DE FOURNITURE DE PROGRAMME ET SYSTEME DE MAINTENANCE**
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[54] **DISPOSITIF DE REGENERATION A FLUX INVERSE ET PROCEDE**
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[54] **CODAGE SEPARE DE LA POSITION D'UN DERNIER COEFFICIENT SIGNIFICATIF D'UN BLOC VIDEO EN CODAGE VIDEO**
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[54] **COMPOSES LIPOYLES ET LEUR UTILISATION POUR LE TRAITEMENT D'UNE LESION ISCHEMIQUE**
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[72] BEEUWKES, REINIER, US
[72] CASALE, RALPH, US
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[72] MERCURIO, AGNES, US
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[72] MANKE, DARRIN, US
[72] LEMIEUX, ERIN-ANNE A., US
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[54] **SYSTEM AND METHOD FOR PROVIDING NETWORK ACCESS TO ANTENNA FEEDS**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'ACCES A UN RESEAU POUR DES SOURCES D'ANTENNE**
[72] KANOJIA, CHAITANYA, US
[72] LIPOWSKI, JOSEPH THADDEUS, US
[71] AEREO, INC., US
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[54] **INHIBITEURS DE NEPRILYSINE**
[72] GENDRON, ROLAND, US
[72] FLEURY, MELISSA, US
[72] HUGHES, ADAM D., US
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[54] **DETECTION D'ABERRATIONS GENETIQUES OU MOLECULAIRES ASSOCIEES AU CANCER**
[72] LO, YUK MING DENNIS, CN
[72] CHAN, KWAN CHEE, CN
[72] CHIU, WAI KWUN ROSSA, CN
[72] JIANG, PEIYONG, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
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[54] **INHIBITEURS DE MICROARN COMPRENANT DES NUCLEOTIDES BLOQUES**
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[72] MARSHALL, WILLIAM S., US
[72] VAN ROOIJ, EVA, US
[72] MONTGOMERY, RUSTY, US
[71] MIRAGEN THERAPEUTICS, US
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[54] **BOISSON AMELIORANT LES PERFORMANCES SPORTIVES ET METHODES D'UTILISATION**
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[72] SCOTT, ROBERT O., US
[71] THE COCA-COLA COMPANY, US
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[54] **DEPOT OPTIMISE DE CHROMOGENES UTILISANT DES ANALOGUES DE LA PYRIMIDINE**
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[72] MURILLO, ADRIAN E., US
[72] KOSMEDER, JEROME W., US
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[54] **FOUR ET SYSTEME DE GAZEIFICATION ET DISPOSITIF ET SYSTEME DE REFORMAGE**
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[71] ZE ENERGY INC., JP
[71] MATSUSHITA, YASUHARU, JP
[71] MATSUSITA, KOHEI, JP
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[54] **OIL RELEASE WITH N-LAUROYL AMINO ACID-BASED COMPOUNDS**
[54] **DEGAGEMENT DE PETROLE AU MOYEN DE COMPOSES A BASE D'ACIDES AMINES DE N-LAUROYLE**
[72] CHOBAN, ERIC R., US
[72] D'ACHILLE, BERARDINO, US
[72] HARDIE, RACHEL L., US
[72] PERRY, MICHAEL P., US
[72] STAUFFER, CHRISTINA S., US
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[54] **COMPOSITION POUR L'AMELIORATION DE LA RECUPERATION D'HUILE COMPRENANT DES COMPOSES A BASE D'ACIDES AMINES N-LAUROYLE ET DES MICROBES**
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[54] **VAPORISEUR ET RECUPERATEUR IN SITU POUR DISPOSITIF A ECOULEMENT ALTERNE**
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[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **PROCEDE DE BIOTRAITEMENT DE BIOMASSE POUR UN REACTEUR A LIT TASSE**
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[72] CAMP, CARL E., US
[72] GONZALEZ, YAMAIRA, US
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[72] FAURE, HELENE, FR
[72] GOROJANKINA, TATIANA, FR
[72] MANN, ANDRE, FR
[72] TADDEI, MAURIZIO, IT
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[54] **ENRICHISSEMENT ET IDENTIFICATION DE CELLULES F□TALES DANS LE SANG MATERNEL ET LIGANDS POUR CE FAIRE**
[72] ECKELT, ANDREAS, DK
[72] CHRISTENSEN, BRITTA, DK
[72] KOLVRAA, STEEN, DK
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[54] **PROCEDE DE BROYAGE DE CIRES A L'AIDE D'AUXILIAIRES DE BROYAGE DANS UN PULVERISATEUR A JET, UTILISATION DE POLYOLS EN TANT QU'AUXILIAIRES DE BROYAGE ET POUDRE DE CIRE CONTENANT DES POLYOLS**
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[71] SASOL WAX GMBH, DE
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[71] MAREL SALMON A/S, DK
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[54] **MODIFIED ALKYL-PHENOL-ALDEHYDE RESINS, USE THEREOF AS ADDITIVES FOR IMPROVING THE PROPERTIES OF LIQUID HYDROCARBON FUELS IN COLD CONDITIONS**
[54] **RESINES ALKYLPHENOL-ALDEHYDE MODIFIEES, LEUR UTILISATION COMME ADDITIFS AMELIORANT LES PROPRIETES A FROID DE CARBURANTS ET COMBUSTIBLES HYDROCARBONES LIQUIDES**
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[72] PAPIN, GERALDINE, FR
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[71] TOTAL RAFFINAGE MARKETING, FR
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[54] **MATERIAU MEDICAL HEMOSTATIQUE ABSORBABLE POUR LES LESIONS OSSEUSES ET PROCEDE DE PREPARATION ASSOCIE**
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[72] XING, FEI, CN
[72] SONG, XIANGRUI, CN
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[54] **IMPROVEMENT IN ROLLED SHEETS OF FLOOR COVERING AND MANUFACTURE**
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[72] GARCIA-RODENAS, CLARA LUCIA, CH
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[72] DE ROSA, MARIO, CH
[72] DE CASTRO, CRISTINA, CH
[72] DI NOLA, ANNALIDA, CH
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[54] **MACHINE ET PROCEDE DE TRAITEMENT PAR GREFFAGE CHROMATOGENIQUE D'UN SUBSTRAT HYDROXYLE**
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[72] GUERIN, DAVID, FR
[72] LEMAITRE, ANDRE, FR
[72] LYANNAZ, LAURENT, FR
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[72] RICHTEROVA, KARLA, GB
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[54] **PROCEDE ET APPAREIL POUR PARTICIPER A DES SERVICES DE COMMUNICATIONS DE GROUPE DANS UN SYSTEME DE COMMUNICATION EXISTANT**
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[72] CROCKETT, DOUGLAS M., US
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[54] **CODAGE ET MULTIPLEXAGE D'INFORMATIONS DE COMMANDE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
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[72] KIM, BYOUNG-HOON, US
[72] MONTOJO, JUAN, US
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[54] **SYSTEMES ET PROCEDES D'UTILISATION D'ESPACE DE CODES DANS DES COMMUNICATIONS A SPECTRE ETALE**
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[72] HENGEVELD, THOMAS ANDREW, US
[72] MARTINEZ, DENNIS MICHAEL, US
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[51] **Int.Cl. C12N 15/113 (2010.01) C07H 21/02 (2006.01) C12N 15/18 (2006.01)**
[25] EN
[54] **IRNA AGENTS TARGETING VEGF**
[54] **AGENTS ARNI CIBLANT LE FACTEUR DE CROISSANCE DE L'ENDOTHELIUM VASCULAIRE (VEGF)**
[72] DE FOUGEROLLES, ANTONIN, US
[72] FRANK-KAMENETSKY, MARIA, US
[72] MANOHARAN, MUTHIAH, US
[72] RAJEEV, KALLANTHOTTATHIL G., US
[72] HADWIGER, PHILIPP, DE
[71] ALNYLAM PHARMACEUTICALS, INC., US
[22] 2005-03-11
[41] 2005-09-29
[62] 2,559,161
[30] US (60/552,620) 2004-03-12
[30] US (60/559,824) 2004-04-05
[30] US (60/647,191) 2005-01-25

[21] **2,815,594**
[13] A1
[51] **Int.Cl. B42C 7/00 (2006.01) B42F 13/00 (2006.01)**
[25] EN
[54] **MOLDED BINDER**
[54] **LIANT MOULE**
[72] NELSEN, DANIEL, US
[72] PETRIE, AIDAN, US
[72] ZINS, KENNETH, US
[71] STAPLES THE OFFICE SUPERSTORE, LLC, US
[22] 2007-01-05
[41] 2007-07-19
[62] 2,629,975
[30] US (11/327,194) 2006-01-06

[21] **2,815,730**
[13] A1
[51] **Int.Cl. F16K 31/40 (2006.01) E03D 1/34 (2006.01) F16K 21/04 (2006.01) F16K 31/128 (2006.01) F16K 31/385 (2006.01)**
[25] EN
[54] **DIAPHRAGM VALVE WITH ELECTRONIC PRESSURE DETECTION**
[54] **ROBINET A DIAPHRAGME A DETECTEUR DE PRESSION ELECTRONIQUE**
[72] BUSH, SHAWN D., US
[71] I-CON SYSTEMS, INC., US
[22] 2005-10-07
[41] 2006-04-08
[62] 2,522,936
[30] US (60/617,264) 2004-10-08

[21] **2,815,734**
[13] A1
[51] **Int.Cl. F16K 31/40 (2006.01) F16K 21/04 (2006.01) F16K 31/128 (2006.01) F16K 31/385 (2006.01)**
[25] EN
[54] **DIAPHRAGM VALVE WITH ELECTRONIC PRESSURE DETECTION**
[54] **ROBINET A DIAPHRAGME A DETECTEUR DE PRESSION ELECTRONIQUE**
[72] BUSH, SHAWN D., US
[71] I-CON SYSTEMS, INC., US
[22] 2005-10-07
[41] 2006-04-08
[62] 2,522,936
[30] US (60/617,264) 2004-10-08

[21] **2,815,770**
[13] A1
[51] **Int.Cl. B42C 7/00 (2006.01) B42F 13/00 (2006.01)**
[25] EN
[54] **MOLDED BINDER**
[54] **LIANT MOULE**
[72] PETRIE, AIDAN, US
[72] NELSEN, DANIEL, US
[72] ZINS, KENNETH, US
[71] STAPLES THE OFFICE SUPERSTORE, LLC, US
[22] 2007-01-05
[41] 2007-07-19
[62] 2,629,975
[30] US (11/327,194) 2006-01-06

[21] **2,815,854**
[13] A1
[51] **Int.Cl. A47D 11/00 (2006.01) A47D 5/00 (2006.01) A47D 7/01 (2006.01) A47D 7/04 (2006.01) A47D 13/06 (2006.01)**
[25] EN
[54] **PORTABLE COMBINATION BEDSIDE CO-SLEEPER**
[54] **PETIT LIT PORTATIF POUVANT ETRE COMBINE A UN GRAND LIT**
[72] MARTIN, BRUCE, US
[71] ARMS REACH CONCEPTS, INC., US
[22] 2003-11-25
[41] 2005-03-03
[62] 2,535,778
[30] US (10/642,467) 2003-08-14

[21] **2,815,881**
[13] A1
[51] **Int.Cl. F16M 13/04 (2006.01) B65G 7/00 (2006.01) F16F 15/04 (2006.01)**
[25] EN
[54] **EQUIPOISING SUPPORT APPARATUS**
[54] **DISPOSITIF DE SUPPORT ET EQUILIBRAGE**
[72] BROWN, GARRETT W., US
[71] BROWN, GARRETT W., US
[22] 2006-04-13
[41] 2006-10-26
[62] 2,746,546
[30] US (60/672,186) 2005-04-15

[21] **2,816,168**
[13] A1
[51] **Int.Cl. F16B 21/18 (2006.01) E05B 15/02 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **STUD FASTENER AND STABILISING DEVICE**
[54] **ORGANE DE FIXATION A TIGE ET DISPOSITIF STABILISANT**
[72] RUDDUCK, DICKORY, US
[72] GOLDSPINK, LACHLAN RICHARD, US
[72] BLATTMANN, LEE DAVID, US
[71] TELEZYGOLOGY INC., US
[22] 2006-03-30
[41] 2006-10-12
[62] 2,602,639
[30] AU (2005901640) 2005-04-04

[21] **2,816,461**
[13] A1
[51] **Int.Cl. E04D 3/35 (2006.01) E04D 5/10 (2006.01)**
[25] EN
[54] **PREFABRICATED MULTI-LAYER ROOFING PANEL AND SYSTEM**
[54] **PANNEAU PREFABRIQUE ET SYSTEME DE COUVERTURE MULTICOUCHES**
[72] GRIFFIN, CHRISTOPHER J., US
[72] NESTI, BRYAN KEITH, US
[72] STOCK, THOMAS JUSTIN, US
[71] JOHNS MANVILLE, US
[22] 2005-11-09
[41] 2006-05-09
[62] 2,526,602
[30] US (10/984,503) 2004-11-09

[21] **2,816,467**
[13] A1
[51] **Int.Cl. H04N 7/32 (2006.01) H04N 21/4402 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION**
[54] **PROCEDE ET DISPOSITIF DE CODAGE VIDEO PAR PREDICTION DE MOUVEMENT UTILISANT UNE PARTITION ARBITRAIRE, ET PROCEDE ET DISPOSITIF DE DECODAGE VIDEO PAR PREDICTION DE MOUVEMENT UTILISANT UNE PARTITION ARBITRAIRE**
[72] LEE, SUN-IL, KR
[72] CHEON, MIN-SU, KR
[72] HAN, WOO-JIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2010-12-08
[41] 2011-06-16
[62] 2,783,786
[30] KR (10-2009-0121400) 2009-12-08

[21] **2,816,755**
[13] A1
[51] **Int.Cl. H04N 7/32 (2006.01) H04N 7/28 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION**
[54] **PROCEDE ET DISPOSITIF DE CODAGE VIDEO PAR PREDICTION DE MOUVEMENT UTILISANT UNE PARTITION ARBITRAIRE, ET PROCEDE ET DISPOSITIF DE DECODAGE VIDEO PAR PREDICTION DE MOUVEMENT UTILISANT UNE PARTITION ARBITRAIRE**
[72] LEE, SUN-IL, KR
[72] CHEON, MIN-SU, KR
[72] HAN, WOO-JIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2010-12-08
[41] 2011-06-16
[62] 2,783,786
[30] KR (10-2009-20121400) 2009-12-08

[21] **2,816,870**
[13] A1
[51] **Int.Cl. G01N 1/31 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **MULTI-CHAMBERED TISSUE CONTAINMENT SYSTEM FOR MOLECULAR AND HISTOLOGY DIAGNOSTICS**
[54] **SYSTEME MULTICOMPARTIMENT POUR LE CONFINEMENT DE TISSUS A DES FINS DE DIAGNOSTICS MOLECULAIRES ET HISTOLOGIQUES**
[72] WILKINSON, BRADLEY M., US
[72] NEWBY, C. MARK, US
[72] HAYNES, CLINTON A., US
[72] STATES, ROBERT G., III, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2008-10-23
[41] 2009-04-30
[62] 2,703,447
[30] US (60/982,062) 2007-10-23

[21] **2,816,874**
[13] A1
[51] **Int.Cl. G01N 1/31 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **MULTI-CHAMBERED TISSUE CONTAINMENT SYSTEM FOR MOLECULAR AND HISTOLOGY DIAGNOSTICS**
[54] **SYSTEME MULTICOMPARTIMENT POUR LE CONFINEMENT DE TISSUS A DES FINS DE DIAGNOSTICS MOLECULAIRES ET HISTOLOGIQUES**
[72] WILKINSON, BRADLEY M., US
[72] NEWBY, C. MARK, US
[72] HAYNES, CLINTON A., US
[72] STATES, ROBERT F., III, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2008-10-23
[41] 2009-04-30
[62] 2,703,447
[30] US (60/982,062) 2007-10-23

[21] **2,816,881**
[13] A1
[51] **Int.Cl. G01F 25/00 (2006.01) G01F 1/84 (2006.01)**
[25] EN
[54] **FLOW METER AND METHOD FOR DETECTING A CABLE FAULT IN A CABLING OF THE FLOW METER**
[54] **DEBITMETRE ET PROCEDE DE DETECTION D'UN DEFAUT DE CABLE DANS LE CABLAGE DU DEBITMETRE**
[72] HAYS, PAUL J., US
[72] MCANALLY, CRAIG B., US
[71] MICRO MOTION, INC., US
[22] 2006-02-27
[41] 2007-08-30
[62] 2,768,991

[21] **2,816,887**
[13] A1
[51] **Int.Cl. G01J 5/00 (2006.01) G01N 33/20 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MEASURING THE TEMPERATURE OF A MOLTEN METAL BATH**
[54] **METHODE ET DISPOSITIF DE MESURE DE LA TEMPERATURE D'UN BAIN DE METAL EN FUSION**
[72] DAMS, FRANCIS, BE
[72] SEUTENS, FRANK, BE
[72] WHITAKER, ROBERT CHARLES, GB
[71] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE
[22] 2007-04-20
[41] 2007-11-19
[62] 2,585,548
[30] GB (0610011.9) 2006-05-19

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[21] **2,816,891**
[13] A1
[51] **Int.Cl. B32B 13/00 (2006.01) C04B 11/00 (2006.01) C04B 24/38 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **HIGH STARCH LIGHT WEIGHT GYPSUM WALLBOARD**
[54] **PANNEAU MURAL DE GYPSE LEGER A TENEUR ELEVEE EN AMIDON**
[72] YU, QIANG, US
[72] SONG, WEIXIN D., US
[72] LYNN, MICHAEL R., US
[71] UNITED STATES GYPSUM COMPANY, US
[22] 2006-06-08
[41] 2006-12-21
[62] 2,607,896
[30] US (30/688,839) 2005-06-09
[30] US (11/449,177) 2006-06-07

# Index of Canadian Patents Issued

**June 25, 2013**

# Index des brevets canadiens délivrés

**25 juin 2013**


0875505 B.C. LTD. 2,667,042
2946-6380 QUEBEC INC. A/S PRODUCTION P.H. ENR 2,502,630
3M INNOVATIVE PROPERTIES COMPANY 2,587,387
9001-4150 QUEBEC INC. 2,543,592
9089-1557 QUEBEC INC. (ENTRETIEN DE STATIONNEMENT M.A.) 2,629,669
A9.COM, INC. 2,579,312
AAR CORP. 2,545,573
AAR CORP. 2,783,582
AASSVEEN, LENE 2,598,565
ABBOTT LABORATORIES 2,633,074
ABBOTT POINT OF CARE INC. 2,576,272
ABBOUD, MARWAN 2,651,832
ABOLFATHI, AMIR 2,713,350
ABOODY, KAREN 2,313,169
ABRAHAMSEN, MICHAEL H. 2,525,270
ABRUSCATO, GERALD J. 2,589,038
ACACIA, FRANCO 2,604,866
ACCENTURE GLOBAL SERVICES LIMITED 2,578,513
ACH, ERNST 2,577,178
ADACHI, SHINTARO 2,694,183
ADAMS, JASON 2,585,901
ADAMS, ROBERT R. 2,731,274
ADRIAN STEEL CO. 2,643,186
ADVISYS, INC. 2,513,743
AEBLI, BEAT MICHAEL 2,559,746
AFFIRIS FORSCHUNGS- UND ENTWICKLUNGS GMBH 2,513,218
AGASHE, PARAG A. 2,715,219
AGRESEARCH LIMITED 2,454,920
AHKE, KLAUS 2,602,970
AHN, SOON-KIL 2,719,243
AHREN, GREGORY M. 2,533,247
AIR TECH EQUIPMENT LTD. 2,695,014
AIRBUS OPERATIONS (SOCIETE PAR ACTIONS SIMPLIFIEES) 2,707,102
AIRBUS OPERATIONS GMBH 2,636,205
AIRBUS OPERATIONS SAS 2,503,120
AIRBUS OPERATIONS SAS 2,568,848
AIRBUS OPERATIONS SAS 2,574,906
AIRBUS OPERATIONS SAS 2,575,982
AIRBUS OPERATIONS SAS 2,622,795
AJINOMOTO CO., INC. 2,549,457
AKHAPKIN, ROMAN VITALEVICH 2,647,512
AKHAPKINA, VALENTINA IVANOVNA 2,647,512
AKZO NOBEL N.V. 2,550,494
ALBANY INTERNATIONAL CORP. 2,497,316
ALBANY INTERNATIONAL CORP. 2,521,761
ALBRECHT, JESSICA D. 2,772,668
ALCALA, RAOUL 2,595,788
ALDWELL, FRANK ERNEST 2,454,920
ALEXANDER, KIPLIN C. 2,558,521
ALI, AMJAD 2,562,082
ALIPOUR, EHSAN 2,626,002
ALL RUSSIAN INSTITUTE OF AVIATION MATERIALS VIAM 2,417,567
ALLAN BLOCK CANADA LLC 2,716,866
ALLEGAR, NORMAN C. 2,654,442
ALLEN, ANDREW 2,630,101
ALLEN, MARK P. 2,603,222
ALLO, FABIEN 2,594,795
ALMARSSON, ORN 2,511,881
ALOYS WOBBEN 2,616,936
ALSTOM TECHNOLOGY LTD 2,586,974
ALSTOM TECHNOLOGY LTD 2,693,346
ALSTOM TECHNOLOGY LTD 2,697,391
ALSTOM TECHNOLOGY LTD 2,708,310
ALSTOM TECHNOLOGY LTD 2,723,662
ALSTOM TECHNOLOGY LTD 2,723,931
AMACKER, MATTHEW W. 2,579,312
AMCOR RIGID PLASTICS USA, INC. 2,647,943
AMGEN RESEARCH (MUNICH) GMBH 2,522,894
AMIGHI, KARIM 2,591,767
AMIN-SANAYEI, RAMIN 2,563,933
AMIT, MICHAL 2,501,001
AMMERMANN, EBERHARD 2,708,350
AMSTED RAIL COMPANY, INC. 2,738,964
AMYRIS, INC. 2,670,307
AMYRIS, INC. 2,694,982
AN, ZHEN 2,727,976
ANCHOR WALL SYSTEMS, INC. 2,515,332
ANDERSSON, LEIF 2,541,687
ANIMAL HEALTH BOARD, INC. 2,454,920
ANNAN, ISAAC BILLY 2,569,478
ANTCHAK, JOHN R. 2,491,230
ANTCHAK, JOHN R. 2,539,790
APPLE INC. 2,530,888
APPLIKATIONS- UND TECHNIKZENTRUM FUER ENERGIEVERFAHRENS-, UMWELT- UND STROEMUNGSTECHNIK (ATZ-EVUS) 2,597,520
ARATA, ANDREW B. 2,579,583
ARES TRADING S.A. 2,585,316
ARIF, FAISAL 2,591,899
ARIMOTO, SHIN 2,608,336
ARINAGA, SHINJI 2,697,236
ARINAGA, SHINJI 2,731,658
ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA 2,679,315
ARKEMA INC. 2,575,851
ARMOUR, JAMES EDWARD GORDON 2,462,060
ARNAUD, JEFFREY 2,591,899
ARSENAULT, MARK R. 2,301,700
ARSENAULT, MICHEL 2,629,669
ARSENAULT, STEPHANE 2,629,669
ARUL, RAMAKRISHNAN 2,536,052
ASAHI KASEI CHEMICALS CORPORATION 2,663,986
ASANO, HAJIME 2,591,912
ASBERG, PETER 2,608,177
ASH, ADRIAN DONALD 2,718,813
ASHTON, PAUL 2,444,894
ASKA PHARMACEUTICAL CO., LTD. 2,591,912
ASTRON FIAMM SAFETY S.P.A. 2,584,245
AUDET, MATHIEU 2,687,634
AUDET, SYLVAIN 2,690,790
AUDIOVOX CORPORATION 2,687,273
AUDONNET, JEAN-CHRISTOPHE FRANCIS 2,583,147
AUGUST RUEGGEBERG GMBH & CO. KG 2,586,791
AUGUSTINE, STEVEN M. 2,663,782
AVERY DENNISON CORPORATION 2,585,628
AVOCENT CORPORATION 2,714,089
AWE, MICHAEL D. 2,553,782
AXT, SABINE 2,599,236
AYKENT, SERDAR 2,498,886
BABCOCK-HITACHI KABUSHIKI KAISYA 2,585,323
BADGLEY, PAT 2,496,157
BAE, SU-YEAL 2,719,243
BAGHAEI-YAZDI, NAMDAR 2,409,714
BAKER HUGHES INCORPORATED 2,564,082
BAKER HUGHES INCORPORATED 2,727,120
BAKER, MALCOLM PAUL 2,718,813
BAKKE, BART F. 2,526,870
BAKKER, JAN WILLEM DAN 2,582,250
BAMBI, PIERO 2,723,246
BANAS, JOHN M. 2,693,346

# Index of Canadian Patents Issued
## June 25, 2013


BANKS, RICHARD M. 2,468,462
BANKS, RODNEY H. 2,731,274
BANKSTON, JOHN D. 2,533,247
BANYAN ENERGY, INC. 2,698,284
BARBOUR, ERIC 2,524,493
BARGIACCHI, ENRICA 2,625,578
BARKER, STEWART 2,496,422
BARSHINGER, JAMES NORMAN 2,682,069
BARSOUMIAN, EDWARD LEON 2,557,801
BARTELSMEYER, ROBERT A. 2,662,513
BARTHELET, KARIN 2,538,186
BARTOS, THOMAS M. 2,601,941
BASELL POLYOLEFINE GMBH 2,562,925
BASF AKTIENGESELLSCHAFT 2,601,660
BASF AKTIENGESELLSCHAFT 2,708,350
BASKMAN, LEIF 2,589,465
BASSET, MICHEL 2,646,345
BASSI, CARL J. 2,676,122
BATY, ACE M., III 2,548,106
BAUERLE, PATRICK 2,522,894
BAXTER HEALTHCARE S.A. 2,540,028
BAXTER INTERNATIONAL INC. 2,540,028
BAYER SCHERING PHARMA AKTIENGESELLSCHAFT 2,630,413
BAYLIS MEDICAL COMPANY INC. 2,257,266
BAYSTON, ROGER 2,580,894
BDZ HOLDINGS LTD. 2,593,225
BEALE, RICHARD ALAN FREDERICK 2,607,046
BEAUCHAMP, ALAIN 2,722,154
BECKLES, DANIEL L. 2,458,798
BECTON, DICKINSON AND COMPANY 2,455,813
BEECKMAN, JEAN W. 2,712,187
BEHL, WALTER 2,602,551
BEHNKE, AARON A. 2,570,020
BEIER, NORBERT 2,570,264
BELANGER, GERMAIN 2,502,630
BELANGER, MARTIN 2,687,634
BELIMO HOLDING AG 2,640,638
BELL, JACKIE E. 2,696,643
BENAGE, BRIGITTE 2,589,038
BENDIX COMMERCIAL VEHICLE SYSTEMS LLC 2,502,129
BENNETT, CHRISTOPHER JOHN 2,783,599
BER, LEONID BORISOVITCH 2,417,567
BERGER, DAMIEN N. 2,648,110
BERGERON, ALAIN 2,795,924
BERGUM, ROBERT A. 2,752,853
BERNARD, JEAN-LUC 2,541,687
BERNQUIST, HENRIK 2,625,455
BERROCAL, WILLIAM G. 2,585,628
BERRY, MEERA 2,522,894
BERSTIS, VIKTORS 2,583,974
BERTERO, STEFANIA 2,585,316
BERTKEN, DENNIS 2,739,456
BERTOLA, ROBERTO 2,625,578
BESTE, RANDAL THOMAS. 2,581,437
BETTS, RONALD E. 2,667,083
BHAVSAR, ATISH JAGDISH 2,752,853
BIERING, HOLGER 2,677,394
BIKON-TECHNIK GMBH 2,700,138
BIKOVSKY, RAFAEL 2,720,958
BILLGER, STEVEN C. 2,580,683
BILMAR TECHNOLOGY INC. 2,605,896
BING, JAMES W. 2,524,493
BIOCHROMIX AB 2,608,177
BIONX CANADA INC. 2,576,064
BIONX CANADA INC. 2,604,866
BIOSENSORS INTERNATIONAL GROUP, LTD. 2,667,083
BISSCHOPS, MARC ANTONIUS THEODORUS 2,598,565
BISSETT, TIMOTHY GEORGE 2,607,046
BITTAR, MICHAEL S. 2,581,437
BLANK, JUERGEN 2,559,437
BLAUCH, MATTHEW ERIC 2,739,175
BLAUCH, MATTHEW, ERIC 2,738,978
BLEINER, THOMAS 2,584,245
BLEYS, GERHARD JOZEF 2,636,621
BLUESKY MEDICAL GROUP INCORPORATED 2,566,947
BLUHM, HANSJOACHIM 2,597,669
BLUM, JEFFREY N. 2,644,422
BOEHLER EDELSTAHL GMBH 2,582,185
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,535,810
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,557,801
BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG 2,502,502
BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. 2,577,446
BOEHRINGER INGELHEIM VETMEDICA GMBH 2,557,161
BOGDANOVA, NADJA 2,587,923
BOHME, REINHARD 2,603,606
BOHN, JOANN 2,562,082
BOISSENIN, STEPHANE 2,568,848
BOIVIN, MATHIEU 2,687,634
BOLZANI, DANTE 2,559,988
BONNAUD, BERNARD 2,535,047
BOONE, GARY N. 2,578,513
BORNARD, RAPHAEL 2,594,795
BOROS, JOHN PAUL 2,610,678
BOROVSKIKH, SVETLANA NIKOLAEVNA 2,417,567
BOSE, DEEPAK 2,428,744
BOSTIK S.A. 2,705,746
BOSTON SCIENTIFIC LIMITED 2,565,251
BOTT, TIMOTHY A. 2,716,866
BOUDREAU, PATRICK PAUL 2,695,014
BOULAVINOV, ANDREY 2,585,823
BOULAY, MICHAEL 2,695,014
BOULDER SCIENTIFIC COMPANY 2,405,840
BOULET, ANDRE 2,701,770
BOURGEAU, EDWARD PETER KENNETH 2,743,480
BOURGES, PATRICK 2,538,186
BOUSSEMART, CHRISTOPHE 2,587,258
BOWEN, PAUL 2,502,502
BOYD, ERIC 2,425,217
BOYER, CHRISTOPHER C. 2,712,187
BOYLE, DENIS M. 2,498,886
BP CORPORATION NORTH AMERICA INC. 2,601,941
BRACKMAN, DAVID 2,783,599
BRAECKMAN, KARL GHISLAIN 2,642,955
BRAECKMAN, KARL GHISLAIN 2,642,958
BRAUN, ARNOLD W., JR. 2,603,222
BRAUN, EREZ 2,641,613
BREAKEFIELD, XANDRA O. 2,313,169
BRENTON LLC 2,559,988
BREZLER, RUSSEL A., III 2,593,820
BRIDGELALL, RAJ 2,551,480
BRIDGEPORT FITTINGS, INC. 2,720,109
BRINGE, NEAL A. 2,482,464
BRISCHWEIN, KLAUS 2,522,894
BROCHU, CHRISTIAN 2,705,312
BROUWER, ERIC 2,576,272
BROUWERS, HUUB 2,402,718
BROWN, MICHAEL K. 2,654,129
BROWN, MICHAEL S. 2,654,129
BROWN, PATRICIA A. 2,513,743
BROWN, STEPHEN H. 2,609,804
BROWN, STEVEN F. 2,714,089
BRUER, INA 2,541,687
BRUESTLE, OLIVER 2,595,137
BRUNE, KAY 2,542,434
BRUNO, REMY 2,477,450
BRUSO, GIL 2,594,641
BRYANT, DAVID R. 2,575,122
BUCKLEY, ADRIAN 2,630,101
BUCKLEY, JOHN J. 2,498,886
BUDDLE, BRYCE MALCOLM 2,454,920
BUECHNER, HUBERT 2,737,672
BUEHLER, GAIL K. 2,585,852
BUNN, JOEL W. 2,722,469
BURCKETT-ST.LAURENT, JAMES CHARLES THEOPHILE ROGER 2,720,968
BURGDORF, LARS THORE 2,570,264
BURGES, CHRIS J. 2,519,828
BURKHOLDER, TIMOTHY PAUL 2,744,714
BURZIO, LUIS 2,402,718
BUSH, VALERIE 2,455,813
BYENS TEGNESTUE APS 2,584,905
BYK-CHEMIE GMBH 2,563,016
BYRON, KAREN 2,455,813
CABOT CORPORATION 2,526,870
CALDWELL, DONALD H. 2,594,795
CALDWELL, STEVEN G. 2,564,082
CALVET, JEAN-HENRI 2,654,210
CAMP, GARRETT 2,425,217
CAMPOS-NETO, ANTONIO 2,653,566
CANDIOTY, ALBERT D. 2,585,901
CANON KABUSHIKI KAISHA 2,244,403

# Index des brevets canadiens délivrés
# 25 juin 2013


CAPEL, ANTOINE 2,627,065
CARDINEAU, GUY A. 2,524,493
CARESTREAM HEALTH, INC. 2,706,397
CARLSON, JULIAN P. 2,677,490
CARLUCCI, GIOVANNI 2,708,255
CARMAT 2,627,065
CARPENTER, ROBERT H. 2,513,743
CARPENTIER, ALAIN 2,627,065
CARPENTIER, ALAIN 2,721,143
CARRIER COMMERCIAL REFRIGERATION, INC. 2,630,963
CARSON, REBEKAH J. 2,705,312
CARTRIDGE CORPORATION OF AMERICA, INC. 2,681,904
CASALE CHEMICALS S.A. 2,543,271
CASSAR, THIERRY 2,574,906
CASSAYRE, JEROME 2,547,814
CASWELL, TOMMY 2,593,225
CATALYTIC DISTILLATION TECHNOLOGIES 2,712,187
CEDERBAUM, FREDRIK 2,547,814
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,585,332
CEPHEID 2,419,862
CERAMIC FUEL CELLS LIMITED 2,574,388
CERBOMED GMBH 2,594,478
CERES INTELLECTUAL PROPERTY COMPANY LIMITED 2,597,997
CERTAINTEED CORPORATION 2,490,670
CHA, GEUN SIG 2,703,030
CHAGNY, YVES 2,487,910
CHALUPSKY, CLAYTON W. 2,538,581
CHAMAILLARD, YANN 2,646,345
CHAN, DUNCAN KA-YUN 2,495,520
CHAN, WENDY 2,636,188
CHANG, KUO-SHU EDWARD 2,685,415
CHANG, RONG-KUN 2,521,885
CHANG, YONG-DEOK 2,681,959
CHAPLIN, MICHAEL JOHN 2,437,395
CHARLTON, KEITH ALAN 2,495,725
CHASAN, DAVID ELIEZER 2,559,746
CHATTARAJ, SARNATH 2,597,367
CHATTORAJ, MITA 2,731,274
CHEFD'HOTEL, CHRISTOPHE 2,578,043
CHEMCHAMP (BARBADOS) INC. 2,507,866
CHEMTURA CORPORATION 2,589,038
CHEN, AN MEI 2,783,599
CHEN, HAO A. 2,651,687
CHEN, HONGMING 2,511,881
CHEN, JIANBING 2,444,894
CHEN, JOHNSON C. H. 2,575,851
CHEN, JOSEPH 2,777,125
CHEN, MABEL 2,575,851
CHEN, SHU-PING 2,686,312
CHEN, WEIYU 2,686,312
CHEN, WEN Y. 2,328,520
CHENG, HUAI N. 2,630,437
CHERRY, BRIAN 2,496,157
CHESTER, DAVID B. 2,723,405
CHIARELLA, FRANCESCO 2,587,258
CHICCO, DANIELA 2,585,316
CHILDREN'S MEDICAL CENTER CORPORATION 2,313,169
CHO, HYEON-PO 2,636,046
CHO, KWANG SU 2,669,657
CHOI, HO-JIN 2,719,243
CHOI, HYE-OK 2,587,387
CHOI, IN HWAN 2,562,220
CHOI, IN HWAN 2,694,704
CHOI, JAE-HOON 2,719,243
CHOI, NAM-SONG 2,719,243
CHONG KUN DANG PHARMACEUTICAL CORP. 2,719,243
CHONG, COLIN A. 2,720,958
CHOPERENA, ALFREDO M. 2,499,421
CHOW, THOMAS KING 2,562,848
CHRABIEH, RABIH 2,678,126
CHRISTENSEN, ASBJORN NORLUND 2,501,121
CHRISTENSEN, POUL 2,584,905
CHRISTENSEN, SOEREN FLYGENRING 2,550,902
CHRISTIANSEN, NIELS 2,613,878
CHRISTOFERSON, LAURA 2,704,962
CHU, MICHAEL S. H. 2,565,251
CHUN, BYONG-WA 2,547,015
CHUNG, HYUN-KWON 2,675,699
CHUNG, KYUNG HEE 2,669,657
CHURCH, TIMOTHY J. 2,599,236
CIALONE, ANTHONY M. 2,546,298
CIBA SPECIALTY CHEMICALS HOLDING INC. 2,559,746
CLARK, MICHAEL C. 2,609,804
CLAUSSEN, THOMAS 2,559,954
CLAYTON, JOSHUA RYAN 2,744,714
CLEEK, ROBERT L. 2,548,106
CLEGG, TIMOTHY P. 2,772,668
CLOTTEAU, BRUNO 2,510,692
COIL TUBING TECHNOLOGY, INC. 2,734,285
COLEOU, THIERRY 2,594,795
COLLIER, BRUCE G. 2,576,272
COLLINGWOOD, TREVOR 2,407,460
COLLINS, DENNIS M. 2,566,604
COLLINS, GABRIEL B. 2,564,082
COLLINS, SEAN M. 2,585,901
COMBS, MARY JANE 2,642,958
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,214,453
COMPAGNIE GENERALE DE GEOPHYSIQUE 2,594,795
COMPAGNIE GERVAIS DANONE 2,551,494
CONNECTEURS ELECTRIQUES DEUTSCH 2,574,906
CONOCOPHILLIPS COMPANY 2,713,703
CONRAD, ROBERT 2,777,125
CONTE, IMMACOLATA 2,693,537
COOK MEDICAL TECHNOLOGIES LLC 2,578,287
COOK MEDICAL TECHNOLOGIES LLC 2,579,284
COOK MEDICAL TECHNOLOGIES LLC 2,599,638
COOLTECH APPLICATIONS 2,562,496
COOPER CROUSE-HINDS GMBH 2,603,134
COOPER, ROTEM 2,485,930
COOPERVISION INTERNATIONAL HOLDING COMPANY, LP 2,618,588
CORBETT, JEFFREY WAYNE 2,724,774
CORCELIUS, BRIAN VAN 2,682,069
CORDIS CORPORATION 2,575,306
CORDOVA, ROBERT 2,575,851
CORIOLIS COMPOSITES 2,601,761
CORIXA CORPORATION 2,653,566
CORNUAULT, BRUNO 2,535,047
CORSI, CAMILLA 2,573,661
CORSI, CAMILLA 2,598,464
COSTA, GIANLUCA 2,625,578
COTY INC. 2,483,907
COUSHAINE, CHARLES M. 2,529,399
COYLE, DONNA L. 2,679,315
COYLE, RUSSELL 2,679,315
CRESSMAN, ROBERT F., JR. 2,524,493
CROPPER, MARTIN PETER 2,589,562
CROWN EQUIPMENT CORPORATION 2,580,683
CROWN PACKAGING TECHNOLOGY, INC. 2,558,651
CROZAT, THIERRY 2,594,795
CRUANES, MARIA T. 2,588,445
CRUCELL HOLLAND B.V. 2,555,412
CSL BEHRING GMBH 2,506,218
CUI, GANG 2,703,030
CULLY, EDWARD H. 2,643,224
CUMMINGS, WILLIAM J. 2,580,794
CUNDY, KENNETH C. 2,568,632
CURTISS-WRIGHT FLOW CONTROL CORPORATION 2,619,482
CUSDIN, FIONA SUSAN 2,409,714
CUSHING, TOMMY 2,585,901
CVJETKOVIC, NIKO ANTHONY 2,605,411
D B INDUSTRIES, LLC 2,557,985
D'ALESIO, NICOLA 2,708,255
DAI, GUANGMING 2,570,151
DAI, XUEDONG 2,568,632
DAIKEN IKI KABUSHIKI KAISHA 2,577,341
DAKIN, GRANT 2,549,786
DAMAGHI, BABAK 2,565,797
DANMARKS TEKNISKE UNIVERSITET 2,601,739
DAPHIMO CO. B.V., LLC 2,643,424
DAS, TAPAS 2,633,074
DAVID, MOSES M. 2,587,387
DAVIDSON, DANIEL F. 2,548,106
DAVIDSSON, PER ANDERS 2,582,882
DAVIES, JIM N. 2,655,879

# Index of Canadian Patents Issued
## June 25, 2013


DAVIS, JEFFREY 2,534,603
DAVIS, TRENT W. 2,521,761
DAVY, ARNAUD 2,707,102
DAVYDOV, VALENTIN GEORGIEVITCH 2,417,567
DAW, CRAIG L. 2,648,110
DE LA RUE INTERNATIONAL LIMITED 2,718,813
DE VORCHIK, DAVID G. 2,468,462
DEKKER, NICOLAAS JACOBUS JOSEPH 2,613,878
DELAHANTY, GREG 2,595,290
DELAZZER, MICHAEL 2,566,324
DELL, JAMES W. 2,539,790
DELL, KENT D. 2,586,512
DELLAC, STEPHANE 2,646,345
DEMARY, MICHAEL 2,636,205
DEMBECK, MEIKE 2,630,413
DENG, QIAOLIN 2,562,082
DENKA SEIKEN CO., LTD. 2,509,360
DENNERT PORAVER GMBH 2,588,712
DENNERT, HANS-VEIT 2,588,712
DENZIN, SILKE 2,677,394
DEPOOT, KAREL JOZEF MARIA 2,642,958
DESCHIZEAUX, BERNARD 2,594,795
DESNOYERS, NICHOLA 2,795,924
DETERING, JURGEN 2,601,660
DEUTSCHE TELEKOM AG 2,701,736
DEUTSCHES INSTITUT FUR LEBENSMITTELTECHNIK E.V. 2,562,316
DEZURIK, INC. 2,588,788
DI PADOVA, FRANCO E. 2,573,586
DIAZ, SERAFIN 2,659,197
DICKENS, CHRISTOPHER D. 2,648,110
DIEFFENDERFER, JAMES NORRIS 2,674,872
DIERAS, FRANCIS 2,565,108
DIETRICH, STEFAN 2,594,478
DIGBY, MATTHEW ROBERT 2,214,453
DILLON, DAVIN C. 2,653,566
DIMACZEK, GEROLD 2,597,520
DIOCHON, LIONEL 2,575,982
DISPENSING DYNAMICS INTERNATIONAL 2,605,411
DIZDAREVIC, ZLATKO 2,700,138
DOLBY LABORATORIES LICENSING CORPORATION 2,563,523
DONATI, LUCA 2,585,316
DONNELLY, WILLIAM JAMES 2,583,044
DONNET, MARCEL 2,502,502
DONOVAN, JAMES G. 2,521,761
DOPPSTADT FAMILIENHOLDING GMBH 2,609,261
DOPPSTADT, FERDINAND 2,609,261
DORITY, DOUGLAS B. 2,419,862
DORSCH, DIETER 2,570,264
DORSET, DOUGLAS L. 2,729,265
DORSET, DOUGLAS L. 2,729,266
DOW AGROSCIENCES LLC 2,524,493
DOW GLOBAL TECHNOLOGIES LLC 2,585,376
DOW GLOBAL TECHNOLOGIES LLC 2,603,222
DOW TECHNOLOGY INVESTMENTS LLC 2,575,122
DRAGHIA-AKLI, RUXANDRA 2,513,743
DRAHM, WOLFGANG 2,559,564
DRAKE, DANIEL VERNON 2,680,715
DRANSFIELD, MARK 2,501,121
DREHER, WAYNE R. 2,713,703
DREXEL UNIVERSITY 2,565,313
DROBNY, JIRI GEORGE 2,713,980
DROVER, JONATHON 2,583,955
DRUESNE, GUY 2,564,010
DSG TECHNOLOGY HOLDINGS LTD 2,685,415
DU DIMENSIONAL LLC 2,530,899
DUEVA-KOGANOV, OLGA V. 2,612,674
DUKE, KRIKA 2,428,744
DULOT, HUGUES 2,538,186
DUMBAULD, PATRICK L. 2,518,392
DUNCAN ENTERPRISES 2,626,002
DUNLOP, DAVID SCOTT 2,642,955
DUNLOP, DAVID SCOTT 2,642,958
DUNN-COLEMAN, NIGEL 2,366,211
DUPIN, JEAN-LOUIS 2,562,496
DURECT CORPORATION 2,583,642
DURIF, PIERRE 2,531,998
DUSSERT-VIDALET, BRUNO 2,584,245
DYSON TECHNOLOGY LIMITED 2,594,748
DYSTAR COLOURS DISTRIBUTION GMBH 2,586,610
E-Z GARD INDUSTRIES, INC. 2,492,271
E. I. DU PONT DE NEMOURS AND COMPANY 2,524,493
E.I. DU PONT DE NEMOURS AND COMPANY 2,569,478
E.I. DUPONT DE NEMOURS AND COMPANY 2,593,820
EADS DEUTSCHLAND GMBH 2,417,567
EASON, JIMMY W. 2,564,082
EASTER, CHARLES RICHARD 2,437,395
EATON CORPORATON 2,525,270
EBERLE DESIGN, INC. 2,574,101
EBNER, REINHOLD 2,582,185
ECKHARDT, MATTHIAS 2,557,801
ECOLAB INC. 2,525,205
ECOLAB INC. 2,677,394
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EFPL) 2,502,502
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)-SRI 2,517,249
ED. GEISTLICH SOEHNE AG FUER CHEMISCHE INDUSTRIE 2,405,378
ED. GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE INCORPORATED 2,692,295
EDLER, BERND 2,659,158
EDWARDS LIFESCIENCES CORPORATION 2,721,143
EDWARDS, CHARLES G. 2,644,422
EGLSAEER, SABINE 2,582,185
EGNOR, DANIEL 2,647,864
EGT ENTERPRISES, INC. 2,642,885
EHRENFREUND, JOSEF 2,573,661
EHRENFREUND, JOSEF 2,598,464
EHRLICH, KLAUS 2,407,808
EIA, JAN THORE 2,705,933
EICHEN, YOAV 2,641,613
EICKELMANN, PETER 2,557,801
EISAI INC. 2,595,290
EISAI R & D MANAGEMENT CO., LTD. 2,627,598
EISAI R & D MANAGEMENT CO., LTD. 2,632,842
EISENSCHMID, THOMAS C. 2,575,122
EL-AAWAR, NASSAR 2,595,788
ELAGIN, VIKTOR IGNATOVITCH 2,417,567
ELEFTHERIADIS, ALEXANDROS 2,667,194
ELI LILLY AND COMPANY 2,744,714
ELLIOTT, GODFREY DUNCAN 2,462,060
ELLIOTT, RICHARD LOUIS 2,724,774
ELLIS, DUSTIN D. 2,727,120
ELORANTA, JARMO 2,626,877
ELROD, LOUIS W. 2,506,991
ELSIK, CURTIS M. 2,557,192
ELSWORTH BIOTECHNOLOGY LIMITED 2,409,714
ELWELL, GEORGE J. 2,673,821
EMERSON ELECTRIC CO. 2,607,193
EMMONS, DAVID JAMES 2,610,678
EMORY UNIVERSITY 2,534,402
EMOTO, NORISHIGE 2,581,820
ENANEF LIMITED 2,639,297
ENDRESS+HAUSER FLOWTEC AG 2,559,564
ENGLER, CAROLA 2,541,294
ENNIS, BERNARD P. 2,642,885
ENVISIONIT LLC 2,631,098
EPP, ANTON 2,625,550
ESPEED, INC. 2,553,348
ESPOSITO, PIERANDREA 2,585,316
ESTACIO, EDGARDO Y. 2,618,119
ETHICON, INC. 2,499,421
EURA, FUMIAKI 2,581,820
EUZEN, PATRICK 2,538,186
EVALVE, INC. 2,586,512
EVANS, KENT A. 2,727,120
EVANS, SAMUEL 2,559,746
EVANS, SCOTT R. 2,574,101
EVER GREEN ENVIRONMENTAL CORPORATION 2,583,955
EXXONMOBIL CHEMICAL PATENTS INC. 2,609,804
EXXONMOBIL CHEMICAL PATENTS INC. 2,712,187
EXXONMOBIL CHEMICAL PATENTS INC. 2,729,173

# Index des brevets canadiens délivrés
# 25 juin 2013


EXXONMOBIL CHEMICAL PATENTS INC. 2,729,265
EXXONMOBIL CHEMICAL PATENTS INC. 2,729,266
EYE MARKER SYSTEMS, INC. 2,662,635
F. HOFFMANN-LA ROCHE AG 2,639,013
F. HOFFMANN-LA ROCHE AG 2,721,508
F.HOFFMANN-LA ROCHE AG 2,532,441
FABIAN, JESUS R. 2,589,038
FABIO PERINI S.P.A. 2,565,831
FACET TECHNOLOGIES, LLC 2,675,275
FADER, LEE 2,705,312
FAEHRBRUECKE PAPIER GMBH 2,559,954
FAN, SYLVIA WEN-CHIN 2,586,512
FAN, YI 2,524,048
FARIABI, SEPEHR 2,667,083
FARYNIARZ, JOSEPH R. 2,641,420
FEARNOT, NEAL E. 2,578,287
FEARNOT, NEAL E. 2,579,284
FEHER, LAMBERT 2,531,114
FEHR, ROBERT G. 2,615,408
FEKE, GILBERT 2,706,397
FELDMEIER, FRITZ 2,561,574
FERAG AG 2,616,420
FERNIE, GEOFFREY ROY 2,682,361
FERRARI, ANDREA 2,637,732
FICAI, PIETRANDREA G. 2,750,391
FILES, JOHN CAMERON 2,603,606
FINNEY, BENJAMIN MICHAEL 2,714,225
FIREP REBAR TECHNOLOGY GMBH 2,619,816
FIRST QUALITY PRODUCTS, INC. 2,565,797
FISCHER, EGBERT 2,563,501
FISHER CONTROLS INTERNATIONAL LLC 2,467,340
FISHER, KARL 2,694,982
FISHER, KARL J. 2,670,307
FISHER-ROSEMOUNT SYSTEMS, INC. 2,668,879
FLACH, ANDREAS 2,531,114
FLATIRON CONSTRUCTORS, INC. 2,785,831
FLEXNER, JOHN LINDSEY 2,569,478
FLOYD, MIDDLETON BRAWNER JR. 2,285,241
FLUOR TECHNOLOGIES CORPORATION 2,562,848
FLURY, KEITH M. 2,643,224
FLYWHEEL ENERGY SYSTEMS INC. 2,774,303
FOGEL, RICHARD MELVIN 2,537,069
FOGELMAN, ALAN M. 2,480,217
FOJTIK, FRANK 2,597,520
FOLGER, MARTIN A. 2,557,161
FOO, KOOK-TING 2,584,865
FORD, TIMOTHY D.F. 2,338,506
FORENSIC TECHNOLOGY WAI INC. 2,722,154
FORMAX, INC. 2,536,843
FORSCHUNGSZENTRUM KARLSRUHE GMBH 2,531,114
FOSTER, ANTHONY P. 2,727,120
FOUQUAY, STEPHANE ANDRE 2,705,746
FRANKLIN, KEVIN RONALD 2,589,562
FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,659,158
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,585,823
FRAZEE, GLENN R. 2,724,229
FREDERICKSON, CLIVE JAMES 2,594,748
FREDETTE, MATHIEU 2,507,866
FREEMAN, GLENN 2,740,601
FREEMAN, JAMES J. 2,581,437
FREEMAN-COOK, KEVIN DANIEL 2,724,774
FRIDLYANDER, IOSIF NAUMOVITCH 2,417,567
FROELICH, BENOIT 2,529,173
FU, GUOYI 2,663,782
FUCHS, MICHAEL 2,559,564
FUETTERER, MICHAEL A. 2,597,669
FUGRO FINANCE AG 2,501,121
FUJIKI, SHINYA 2,549,457
FUJIMOTO, SHINJI 2,754,258
FUJIWARA, TAKAHIKO 2,729,558
FUKUHIRA, YUKAKO 2,521,916
FULLARTON, SONYA 2,655,879
FUNG, KWOK K. 2,630,963
FUSHIMI, NOBUHIKO 2,588,963
FUSS, ROBERT 2,559,954
GADAKAR, MAHESHKUMAR 2,536,052
GAGNON, ROBERT 2,549,786
GAILLARD, PASCALE 2,585,316
GALLAGHER, SHAWN 2,580,658
GALLOP, MARK A. 2,568,632
GALLY, BRIAN J. 2,580,794
GANDHI, RAJEEV 2,468,087
GANDIKOTA, VARADARAJU 2,701,860
GAO, DONGHONG AMY 2,577,446
GAO, WENQI 2,524,048
GAO, XIAOHU 2,534,402
GARCIA, JEAN-PIERRE 2,646,345
GARMIER, WILLIAM W. 2,498,812
GARRETT, NICHOLAS 2,668,879
GARVER, WAYNE 2,676,122
GATES, WILLIAM H., III 2,396,094
GATIEN, DANIEL 2,502,630
GAUTHIER, MARTIN 2,687,634
GAUTHIER, THIERRY 2,589,673
GE INSPECTION TECHNOLOGIES, LP 2,682,069
GED INTEGRATED SOLUTIONS, INC. 2,520,237
GELLI, MAURO 2,565,831
GENENCOR INTERNATIONAL, INC. 2,366,211
GENERAL ELECTRIC COMPANY 2,301,700
GENERAL INSTRUMENT CORPORATION 2,421,794
GENERAL INSTRUMENT CORPORATION 2,468,087
GENERAL INSTRUMENT CORPORATION 2,509,206
GENERICS [UK] LIMITED 2,536,052
GEORGE, RICHARD 2,630,101
GEORGIA TECH RESEARCH CORPORATION 2,669,195
GEORGIA TECH RESEARCH CORPORATION 2,682,188
GERBER, ANDREW VIRGIL 2,737,818
GERDING, WILLIAM J 2,545,573
GERDING, WILLIAM J. 2,783,582
GERHARD, LUTZ 2,648,110
GERICKE, ROLF 2,570,264
GERKE, VOLKER 2,587,923
GERMER, WARREN R. 2,301,700
GERROIR, PAUL J. 2,732,961
GESELLSCHAFT FUER SCHWERIONENFORSCHUNG MBH 2,563,501
GHOSH, PRASENJEET 2,729,266
GHOSH, SHONDIP 2,698,284
GIEHL, ANDREAS 2,586,610
GIESBRECHT, DAVID 2,527,461
GIL, HENRY 2,713,536
GILBERT, THOMAS CHARLES 2,490,670
GILEAD SCIENCES, INC. 2,705,312
GILLILAND, KEVIN A. 2,580,683
GIRGIS, MILAD T. 2,585,901
GISSINGER, GERARD LEON 2,646,345
GLEBA, YURI 2,541,294
GLUECKSTAD, JESPER 2,601,739
GODFREY, CRAIG 2,506,991
GODFREY, JOHN 2,585,628
GOLD, RANDALL EVEN 2,708,350
GOLDFARB, ERIC A. 2,586,512
GOLLA, CHRISTOPHER A. 2,581,437
GONG, ALEX 2,545,134
GOOD, CYNTHIA J. 2,517,792
GOODMAN, GEORGE D. 2,611,753
GOODROW, RODGER ANDREW 2,643,186
GOODWIN, RONALD L. 2,473,833
GOOGLE, INC. 2,647,864
GOOLSBY, TERRY L. 2,557,501
GORDES, PETRU 2,613,878
GORE ENTERPRISE HOLDINGS, INC. 2,548,106
GORE ENTERPRISE HOLDINGS, INC. 2,643,224
GORE, DHANANJAY ASHOK 2,679,591
GOSSELIN MARKETING INC. 2,487,910
GOTTELAND, JEAN-PIERRE 2,585,316
GOTTLIEB, REBECCA K. 2,594,641
GOUBARD, DAVID 2,705,746
GRAFFTON, LARS 2,589,465
GRAM, HERMANN 2,573,586
GRAMME, PER EIVIND 2,606,593
GRANDOLINI, SIMONE 2,585,316

# Index of Canadian Patents Issued
## June 25, 2013


GRAPHIC PACKAGING INTERNATIONAL, INC. 2,603,606
GRAY, JASON 2,536,052
GRAY, NATHANAEL S. 2,524,048
GRAY, THOMAS A. 2,655,879
GREATPOINT ENERGY, INC. 2,709,520
GREEN, EDWARD MCCONACHIE 2,409,714
GREENOVATION BIOTECH GMBH 2,573,505
GREINER, SWITBERT 2,710,708
GRIFFIN, JASON T. 2,552,204
GRIFFITH, DAVID ANDREW 2,724,774
GRIFFITHS, STEVE 2,402,718
GUARDIT TECHNOLOGIES, LLC 2,572,810
GUILLERMO, CARLOS 2,550,667
GULATI, POONAM S. 2,597,367
GUNTON, BRUCE STANLEY 2,445,152
GUPTA, MANJU 2,524,493
GUPTE, NEELKANTH S. 2,630,963
GUSTAVSSON, LENNART 2,602,580
GUTMANN, CHRISTOFER 2,710,708
GUYOT, RAPHAEL EMMANUEL 2,720,968
GUZMAN, HECTOR 2,511,881
GWAK, YOUNG-HOON 2,636,046
HAAHR, PAUL 2,647,864
HABERMANN, JOERG 2,693,537
HAGA, JIROU 2,549,457
HAGEMEYER, BRUCE A. 2,785,882
HAGUE, MADELAINE ANN 2,772,668
HAI KANG LIFE CORPORATION LIMITED 2,495,520
HAKAMADA YOSHIAKI 2,736,034
HALE, LARRY D. 2,607,193
HALLIBURTON ENERGY SERVICES, INC. 2,506,991
HALLIBURTON ENERGY SERVICES, INC. 2,581,437
HALLIBURTON ENERGY SERVICES, INC. 2,611,753
HALLIBURTON ENERGY SERVICES, INC. 2,738,978
HALLIBURTON ENERGY SERVICES, INC. 2,739,175
HAMAMOTO, ISAMI 2,747,424
HAMLYN, ALEXANDER 2,601,761
HAMMAN, JEFFREY G. 2,594,795
HAMMARSTROM, PER 2,608,177
HAN, BYEONG-HOON 2,719,243
HANCOCK, DAVID 2,536,843
HANDAGAMA, NARESHKUMAR B. 2,708,310
HANKIN, ALON 2,462,060
HANKY PANKY TOYS THAILAND LTD. 2,701,258
HANSEN, DAVID 2,536,843
HANSSON, TORBJORN 2,589,465
HAPPE, BARBARA 2,559,437
HAPTOGEN LTD 2,495,725
HARANO, FUMIKI 2,590,928
HARDEN, DANIEL K. 2,667,042
HARDY, YVAN 2,601,761
HARILD, JENS ARBOE 2,584,905
HARLAND, CHARLES 2,507,866
HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH 2,489,200
HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED 2,586,928
HARRIEHAUSEN, MICHAEL 2,636,205
HARRIS CORPORATION 2,580,658
HARRIS CORPORATION 2,723,405
HARRIS, III, EDWARD J. 2,611,753
HARTNETT LOCKE, MARY E. 2,524,493
HASEK, CHARLES A. 2,643,806
HASHA, RICHARD 2,396,094
HASHIMOTO, TOMOTAKA 2,663,986
HASS, BRIAN 2,543,592
HASSEL, BERNHARD 2,557,161
HASUMI, KOICHI 2,591,912
HATOH, KAZUHITO 2,485,797
HATZINIKOLAS, MICHAEL 2,518,030
HAUBENNESTEL, KARLHEINZ 2,563,016
HAUGS, ESPEN 2,509,490
HAUSER, HANS-PETER 2,506,218
HAWKINS, MICHAEL S. 2,732,961
HAY, ROBERT G. 2,573,750
HAYASHI, YOSHIYUKI 2,670,279
HAYES, MELISSA 2,557,501
HAYNES, LYNN 2,558,700
HAYWARD, LARRY HARLAND 2,607,643
HEARN, WILLIAM 2,714,879
HEATON, KEITH PATRICK 2,613,890
HECK, HENRY G. 2,585,376
HEINICKE, PAUL R. 2,558,651
HEITZLER, JEAN-CLAUDE 2,562,496
HELMHOLTZ-ZENTRUM POTSDAM DEUTSCHES GEOFORSCHUNGSZENTRUM - GFZ 2,522,634
HELTON, TERRY E. 2,729,173
HELTON, TERRY E. 2,729,265
HELTON, TERRY E. 2,729,266
HEMISPHERE GPS INC. 2,566,604
HENDERSON, DEANE 2,491,983
HENKE, STEFAN 2,557,161
HENNINGSEN, MICHAEL 2,708,350
HEO, JUNG-KWON 2,675,699
HERAEUS MEDICAL GMBH 2,737,672
HERCULES INCORPORATED 2,630,437
HERGES, KNUT 2,632,906
HERLAND, ANNA 2,608,177
HERMANN, ROBERT 2,542,434
HERRERA TABOADA, LIDCAY 2,601,660
HESS, PETER 2,532,441
HETHERINGTON, PHILLIP 2,527,461
HEUSSER, ROLF 2,500,637
HIGHLEY, BRIAN 2,585,901
HILL'S PET NUTRITION, INC. 2,607,643
HIMMELSBACH, FRANK 2,557,801
HIMMLER, GOTTFRIED 2,573,505
HIRAKU, KEIZO 2,729,558
HITACHI PLANT TECHNOLOGIES, LTD. 2,585,323
HJORTEN, ERIK DAVID 2,576,651
HOASHI, YUKIHIKO 2,716,920
HOBERMAN, BARRY 2,720,975
HOCHMAN, MARK N. 2,693,294
HOELZL, HUBERT 2,527,293
HOENES, JOACHIM 2,532,441
HOFFMAN, MARK E. 2,301,700
HOFMANN, GERD 2,603,134
HOFSTETTER, HANS 2,573,586
HOHENTHANNER, CLAUS-RUPERT 2,571,307
HOINESS, STEVE 2,644,422
HOKE, RENEE 2,644,422
HOLNESS, WILFRED 2,620,422
HOLT, MARK D. 2,585,901
HOMSI, ELIE H. 2,785,831
HONDA MOTOR CO., LTD. 2,754,258
HONDRED, DAVID 2,524,493
HONG, DANNY 2,667,194
HONG, HO TAEK 2,562,220
HONGYU, LUO 2,738,978
HOPPE, PETER 2,597,669
HORINOUCHI, MOTOSHI 2,585,323
HORST, JUERGEN 2,587,923
HOSOKOSHIYAMA, HIROSHI 2,712,043
HOUGHTON, FREDERICK C. 2,585,901
HOUGHTON, RAYMOND 2,653,566
HOWE, MICHAEL 2,676,122
HSIEH, CHIH-CHIANG 2,596,196
HUANG, MICHELLE KUN 2,740,601
HUANG, YUNG-SHENG 2,633,074
HUBBELL INCORPORATED 2,573,750
HUDAK, PHILIP J. 2,585,901
HUDSON, HEATHER MICHELLE 2,490,736
HUFTON, GRAHAM CLIVE 2,682,361
HUIZING, ALBERT GEZINUS 2,520,091
HUMFELDT, DIRK 2,636,205
HUNTER DOUGLAS INC. 2,531,999
HUNTSMAN INTERNATIONAL LLC 2,636,621
HUNTSMAN PETROCHEMICAL LLC 2,557,192
HUTCHISON, JAMES A. 2,485,930
HUTT, STEVEN W. 2,586,928
HUYGENS, ERIC 2,636,621
HYDAC PROCESS TECHNOLOGY GMBH 2,632,906
HYVOENEN, KARI 2,760,536
I-SENS, INC. 2,703,030
IBRAHIM, EMAD B. 2,506,991
IBRANYAN, ARSEN 2,720,958
ICHIKAWA, AKIMASA 2,615,643
ICHIKAWA, AKIMASA 2,691,305
ICON GENETICS GMBH 2,541,294
IFIRE IP CORPORATION 2,371,760
IFP ENERGIES NOUVELLES 2,538,186
IFP ENERGIES NOUVELLES 2,589,673
IGA, KAZUHIRO 2,581,820
IHARA, HIROSHI 2,577,341
IKEDA, WATARU 2,556,737
IKEGAMI, TAKEFUMI 2,754,258

# Index des brevets canadiens délivrés
# 25 juin 2013


ILLEDITS, THOMAS 2,527,293
IMAMURA, MASAKATSU 2,585,323
IMHOF, HEINRICH 2,660,351
IMMUNEX CORPORATION 2,454,578
IMPRESS GROUP B.V. 2,564,010
INA RESEARCH INC. 2,601,463
INDEVEX AB 2,497,085
INGANAS, OLLE 2,608,177
INSTITUT NATIONAL D'OPTIQUE 2,795,924
INSTITUTE FOR INFORMATION INDUSTRY 2,596,196
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,583,974
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,672,528
INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC 2,618,119
INVENTIO AG 2,527,293
INVENTIO AG 2,577,178
ION DIGITAL LLP 2,677,490
IRISBUS FRANCE S.A. 2,535,047
IRM LLC 2,524,048
ISHIHARA SANGYO KAISHA, LTD. 2,622,853
ISHIYAMA, KOUICHI 2,577,922
ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI SPA 2,693,537
ISTO TECHNOLOGIES, INC. 2,570,521
ITIN, IBHO 2,559,564
ITOU, KOJI 2,712,043
ITRON, INC. 2,644,422
ITSKOVITZ-ELDOR, JOSEPH 2,501,001
IVANOVIC, RELJA 2,468,462
IWASAKI, HIROSHI 2,725,425
JACOBS, HANS 2,428,744
JACOBS, PAUL 2,563,933
JACOBSON, ELAINE L. 2,679,315
JACOBSON, MYRON K. 2,679,315
JACQUET, ARNAUD 2,646,345
JAMES WALKER & COMPANY LIMITED 2,462,060
JAMES, DAVID 2,625,455
JAMKE, RUTH A. 2,713,980
JANAGAN, PARANTHAMAN 2,588,788
JANSEN, CHRISTIAN 2,491,230
JANSEN, PAUL 2,532,441
JANSON, JEAN-PHILIPPE 2,622,795
JANSSEN PHARMACEUTICA N.V. 2,576,850
JAROSKOVA, LIBUSE 2,576,850
JAVED, MUHAMMAD 2,409,714
JEAN, MARCEL 2,502,630
JEANCLAUDE-ETTER, ISABELLE 2,585,316
JEKNAVORIAN, ARA A. 2,547,015
JELINEK, MILAN 2,501,368
JENDRYCKI, DANIEL 2,517,792
JENNEWEIN, MARC 2,720,968
JEONG, HAE-JOO 2,681,959
JEONG, KYEONG-IN 2,669,679
JEROMINEK, HUBERT 2,795,924
JESCHKE, MARGIT 2,573,586
JIANG, TAO 2,524,048
JIMENEZ, JORGE HERNAN 2,669,195
JIN, EUNJOO 2,704,962
JOHANNESSON, GLEN 2,534,603
JOHANNSEN, IB 2,550,902
JOHNSON, BERNARD DEAN 2,285,241
JOHNSON, GARY V. 2,498,886
JONES, CHRISTOPHER M. 2,506,991
JONES, KARL 2,607,046
JONES, SIMON 2,402,718
JONGEN, NATHALIE 2,502,502
JOSHI, YOGESH V. 2,729,266
JR CHEM, LLC 2,641,420
JUDD, RALPH C. 2,347,849
JUMBE, NELSON L. 2,568,632
JUNG, KIL-SOO 2,675,699
JUNK, KENNETH W. 2,467,340
KAANTA, JASON M. 2,647,943
KAASTEN, SHAUN A. 2,468,462
KABLOV, EVGENY NIKOLAEVITCH 2,417,567
KABUSHIKI KAISHA TOSHIBA 2,619,176
KAGERER, HARTMUT 2,630,413
KAH, MICHAEL 2,574,388
KAISER, ERIC J. 2,580,683
KAMADA, ATSUSHI 2,632,842
KAMIKURA, KAZUTO 2,676,709
KAMIYAMA, MOTOYA 2,597,357
KAMOI, TAKESHI 2,679,816
KANAZAWA, JYUN 2,747,424
KANE, KEVIN PAUL 2,619,139
KANEKO, HIROAKI 2,521,916
KANG, HEE-RYONG 2,719,243
KANTYMIR, KEN 2,491,983
KAPOOR, ROHIT 2,659,197
KARAMI, HAMZEH 2,565,797
KARLSSON, MATTIAS FREDRIK 2,582,882
KARUNANANDAA, KANTHASAMY 2,482,464
KARWOWSKI, JAN 2,545,134
KATO, JUN-YA 2,591,912
KATS, LAUREN JAY 2,607,643
KAUTZ, ULRICH 2,496,459
KAVALIERS, MARTIN I. 2,257,266
KAVAZOV, JULIAN D. 2,585,901
KAWABATA, MINORU 2,735,345
KAWAGUCHI, SHIGEYOSHI 2,585,323
KAWAI, KEIICHI 2,500,866
KAWAI, STEPHEN 2,705,312
KAWAMURA, YUSUKE 2,729,558
KAWAOKA, YOSHIHIRO 2,492,097
KAWASHIMA, YASUAKI 2,585,323
KAZAYAMA, SHIN-ICHI 2,598,988
KCI LICENSING, INC. 2,613,890
KEASCHALL, JOSEPH W. 2,524,493
KEBONY ASA 2,493,512
KEENAN, MICHAEL J. 2,712,187
KEILY, JOEL P. 2,605,411
KELLER, HORST 2,541,687
KELLY, THOMAS L. 2,516,134
KEMER, JOHN J. 2,502,129
KENNEDY, GORDON J. 2,729,265
KENNEDY, GORDON J. 2,729,266
KEOHANE, SUSANN MARIE 2,672,528
KERETH, YEFIM 2,615,097
KERSCHDORFER, MARKUS 2,491,882
KESTER, LEONARDUS JOHANNES HUBERTUS MARIA 2,520,091
KHODGHIBAGIYAN, HAMLET 2,563,501
KIELY, KENNETH M. 2,720,109
KILNER, JOHN 2,597,997
KIM, BYONG JUN 2,591,899
KIM, BYOUNG GILL 2,562,220
KIM, DAL-HYUN 2,719,243
KIM, HYUNTAE 2,679,315
KIM, JIN PIL 2,562,220
KIM, JIN PIL 2,694,704
KIM, JIN WOO 2,562,220
KIM, JONG MOON 2,562,220
KIM, JONG-GON 2,636,046
KIM, JU YONG 2,703,030
KIM, KEUN KI 2,703,030
KIM, MOON HWAN 2,703,030
KIM, MYUNG-SOO 2,636,046
KIM, SOO-JIN 2,719,243
KIM, YOUNG IN 2,562,220
KIM, YOUNG-HOON 2,719,243
KIMBALL, JAMES F. 2,724,253
KINCAID, MYRA AILEEN 2,675,275
KING, JAMES 2,455,813
KING, THOMAS 2,626,002
KIRCHNER, STEPHEN J. 2,633,074
KIRIBAYASHI, KEI 2,506,704
KIRK, PETER A., II 2,713,980
KIRSCH, WOLFF M. 2,557,042
KIRSHTEIN, PHILIP M. 2,714,089
KISSEI PHARMACEUTICAL CO., LTD. 2,588,963
KITAZONO, EIICHI 2,521,916
KITCHEN, DOUGLAS B. 2,285,241
KITZMANN, EWALD 2,723,662
KIYOTAKI, TOMOMI 2,556,737
KJT ENTERPRISES, INC. 2,654,442
KLIMYUK, VICTOR 2,541,294
KLOUDA, ROGER C. 2,538,581
KLUVER, LEROY M. 2,580,683
KNAACK LLC 2,752,853
KNIGHT, SAL 2,690,149
KNUTSON, GORDON P. 2,587,387
KO, JUNG-WAN 2,675,699
KO, MIN-SUK 2,669,679
KOBAYASHI, TAKEHARU 2,577,341
KOHLEISEN, BIRGIT 2,522,894
KOHLRAUSCH, ANJA 2,535,810
KOLON GLOTECH, INC. 2,669,657
KOMATSU, NAOKI 2,679,816
KOMTEBEDDE, JAN 2,586,512
KONGESTOL, MAGNAR 2,705,933
KONINKLIJKE PHILIPS ELECTRONICS, N.V. 2,395,074

KONISHI, YASUO 2,446,110
KOO, BON-YOUNG 2,636,046
KOOIMAN, KRAIG P. 2,585,901
KOONTZ, THEODORE W., II 2,687,273
KORTE, JAMES R. 2,727,120
KORTSCHACK, FRITZ 2,562,316
KOSOVER, VILEN 2,589,038
KOSS, PETER ULRICH 2,723,931
KOTDAWALA, RASESH R. 2,708,310
KOVALENKO, ALEXANDER 2,563,501
KOWA CO., LTD. 2,506,704
KOZIEL, MICHAEL G. 2,524,493
KRAEMER, REINHOLD 2,639,013
KRAEMER, UWE 2,532,441
KRAFT FOODS GLOBAL BRANDS LLC 2,545,134
KRAFT FOODS GROUP BRANDS LLC 2,490,736
KRALL, MICHAEL L. 2,579,583
KRAMARZ-VON-KOHOUT, GERHARD 2,701,736
KRAUS, HEINZ 2,731,009
KRAUS, THOMAS 2,594,478
KREITENBERG, ARTHUR 2,773,715
KRESSMANN, STEPHANE 2,589,673
KREUER, KLAUS-DIETER 2,600,213
KRISHNAN, KOMANDUR R. 2,653,204
KROENING, MICHAEL 2,585,823
KRUMME, MARKUS 2,662,771
KRYLSTEDT, PETER GUNNAR 2,582,882
KUBO, ATSUSHI 2,735,345
KUBO, HIROO 2,716,920
KUDRNA, PAUL JOHN 2,714,225
KUEHNRICH, FRANZ 2,566,324
KUFER, PETER 2,522,894
KUHL, LAWRENCE EDWARD 2,625,550
KUMAGAI, JUN 2,679,816
KUMAR, VANITHA A. 2,715,219
KUPSKY, GEORGE A. 2,371,760
KURARAY EUROPE GMBH 2,559,954
KURARAY EUROPE GMBH 2,580,302
KURZ, MICHAEL 2,407,808
KUSHIKU, TAKESHI 2,549,457
KUTOSE, KOICHI 2,747,424
KUVAJA, KARI 2,626,877
KWAK, KOOK YEON 2,562,220
KWON, OH-CHUL 2,636,046
KYOWA HAKKO KIRIN CO., LTD. 2,551,611
L & P PROPERTY MANAGEMENT COMPANY 2,662,513
L&P PROPERTY MANAGEMENT COMPANY 2,570,020
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE 2,669,356
LA MARZOCCO S.R.L. 2,723,246
LA SCALA, JOHN JOSEPH 2,565,313
LAATSCH, JOACHIM 2,613,878
LABORIE, ARNAUD 2,477,450
LACKER, KEVIN 2,647,864
LADKANI, DAVID 2,702,437
LAFET, YVES 2,594,795
LAFFERTY, TERRENCE P. 2,603,606
LAFRANCE, JUSTIN 2,425,217
LAH, RUBEN F. 2,619,482
LAHM, GEORGE PHILIP 2,569,478
LAITINEN-VELLONEN, SAKARI 2,500,788
LALANCETTE, MARIO 2,605,896
LALIBERTE, DENIS D. L. 2,748,583
LALIBERTE, WILLIAM W. L. 2,748,583
LALONDE, JEAN-PIERRE 2,651,832
LAMARTINO, SALVATORE 2,536,843
LAMBERTH, CLEMENS 2,573,661
LAMBERTH, CLEMENS 2,598,464
LAMPING, JOHN 2,647,864
LANDRY, SERGE 2,705,312
LANFRANCHI, PIERRE 2,594,795
LANG, FLORIAN 2,570,264
LANG, ROLAND 2,417,567
LARSEN, GARY 2,619,482
LARUE, EDWARD 2,558,700
LATCHWAYS PLC. 2,607,046
LAU, LOK-TING 2,495,520
LAU, PETER C.K. 2,446,110
LAWRENCE, JOSEPH 2,595,788
LAWRENCE, SELMA 2,609,804
LAZARIDIS, MIHAL 2,552,204
LE CALVEZ, JEAN-LUC 2,529,173
LE CORRE, PATRICK 2,600,997
LE DEVEHAT, YANNICK 2,779,880
LEBLANG, JONATHAN 2,579,312
LEBO, STUART E., JR. 2,669,018
LEE, CHUL SOO 2,694,704
LEE, DALSU 2,630,101
LEE, HYOUNG GON 2,562,220
LEE, JAE-KWANG 2,719,243
LEE, JUNWON 2,740,601
LEE, KYUNG-JOO 2,719,243
LEE, ROBERT E., JR. 2,301,700
LEE, SUNG-SOOK 2,719,243
LEE, YING LAU 2,658,709
LEEWOOD, ALAN R. 2,579,284
LEFEBVRE, BERNARD 2,779,880
LEGIN, MATTHIAS 2,723,662
LEHIGH TECHNOLOGIES, LLC 2,546,298
LEHNERT, FRANK 2,640,638
LEHTONEN, HARRI 2,626,877
LEININGER, HELMUT 2,721,508
LEKOVIC, HUZEIR 2,603,222
LEMAITRE, JACQUES 2,502,502
LEMON, ROBERT C. 2,712,187
LENKKERI-SCHUTZ, ULLA 2,522,894
LENTZ, D. CHRISTIAN 2,599,638
LEONARD, AMANDA EUN-YEONG 2,633,074
LEONARDI, ANDREA 2,585,316
LEPETITCORPS, YANN 2,565,108
LEREBOURS PIGEONNIERE, GUY 2,654,210
LES LABORATOIRES SERVIER 2,654,210
LETAS, HEINZ-HERMANN 2,642,790
LEUNG, LINUS K. 2,601,941
LEUTFELD, DANIELA 2,563,016
LEVCHENKO, OLEKSANDR IGOROVICH 2,682,361
LEVEL 3 COMMUNICATIONS, LLC 2,595,788
LEVIN, EUGENE 2,597,367
LEWIS, GENE 2,597,997
LG ELECTRONICS INC. 2,562,220
LG ELECTRONICS INC. 2,587,366
LG ELECTRONICS INC. 2,636,046
LG ELECTRONICS INC. 2,694,704
LI, JIANHUA 2,568,632
LI, XUANTIAN 2,701,770
LIBKE, ALBERT W. 2,588,788
LIE, GUNNAR HANNIBAL 2,606,593
LIFE+GEAR, INC. 2,739,456
LIGHT, R. BRUCE 2,428,744
LIGNOTECH USA, INC. 2,669,018
LIN, SELMA SAU WAH 2,495,520
LINDEE, SCOTT A. 2,536,843
LINDERS, JOANNES THEODORUS MARIA 2,576,850
LINDQVIST, ULF PETER 2,582,882
LINDSTROM, TED RILEY 2,490,736
LING, MICHAEL T.K. 2,540,028
LINTEC CORPORATION 2,574,053
LIPPAI, ISTVAN 2,589,038
LIST, HANS 2,532,441
LITENS AUTOMOTIVE 2,491,230
LITENS AUTOMOTIVE PARTNERSHIP 2,539,790
LIU, FANG 2,783,599
LIU, GUIMIN 2,501,121
LIU, VINCENT 2,421,794
LIVEDO CORPORATION 2,713,635
LOA, KAN-CHEI 2,596,196
LOCHER, MATHIAS 2,542,434
LOCK, ROGER 2,563,933
LOESCHER, MITCHELL E. 2,712,187
LOFTIS, TONY 2,684,751
LOGAN, WILLIAM ALLISON 2,701,770
LOHER, DARREN P. 2,595,788
LOIBNER, HANS 2,573,505
LOIDL, MANUELA 2,573,505
LOISY, JEAN 2,491,437
LOMA LINDA UNIVERSITY MEDICAL CENTER 2,557,042
LOMAX, FRANKLIN D., JR. 2,669,356
LONG, JASON E. 2,648,110
LONGMAN, JAMES A. 2,553,348
LOOSMORE, SHEENA MAY 2,583,147
LOPEZ, MARCO 2,511,920
LOPEZ, MARCO 2,602,551
LORENZEN, ERIC M. 2,720,958
LOUKAS, SERAFIM S., JR. 2,783,599
LOWENTHAL, JOHN WILLIAM 2,214,453
LTS LOHMANN THERAPIE-SYSTEME AG 2,662,771
LU, ZHIJIAN 2,562,082
LUCAS, WILLIAM 2,605,896
LUHER, ROBERT BRIAN 2,678,832

LUSS, HANAN 2,653,204
LUSSIER, REMI 2,502,630
LUTHRA, AJAY 2,421,794
LUTHRA, AJAY 2,468,087
LUU, LAP 2,630,101
LYMAN, STEWART D. 2,454,578
LYNCH, WILLIAM P. 2,313,169
M-I LLC 2,703,741
MA, LIANDONG 2,744,714
MAAS, KENNETH 2,545,134
MACEY, ANDREW MALCOLM 2,718,813
MACK, PATRICK E. 2,605,454
MACKAY, ANGELA CLAIRE 2,693,537
MADDALENI, ROMANO 2,565,831
MADDEN, DAVID 2,526,870
MADER, CARL CONRAD 2,616,420
MADSEN, SOREN MOLLER 2,584,905
MAGTECH AS 2,509,490
MAHROUCHE, RACHID 2,651,832
MAIENFISCH, PETER 2,547,814
MAIER, JOACHIM 2,600,213
MAIO, MARIO 2,585,316
MAJERCAK, DAVID C. 2,575,306
MAKINO MILLING MACHINE CO., LTD. 2,717,938
MALAGARRIGA, JULIO 2,625,578
MALATHONG, VIENGKHAM 2,599,236
MANBER, UDI 2,579,312
MANCUSO, MARJORIE J. 2,301,700
MANGO, LOUIS A., III 2,586,928
MANNING, D. SCOTT 2,347,849
MANNING, MICHAEL 2,677,881
MANNINGTON MILLS, INC. 2,651,687
MARAIA, MICAH L. 2,615,408
MARATHON OIL COMPANY 2,594,795
MARILLONNET, SYLVESTRE 2,541,294
MARIYAMA, TADAYOSHI 2,585,323
MARKLEY, JEFFREY P. 2,643,806
MARKOFF, ARSENI 2,587,923
MARKWATER HANDLING SYSTEMS LTD. 2,737,818
MARPOSS SOCIETA' PER AZIONI 2,637,732
MARTINO, SANDRO 2,500,637
MARUI, KEIZO 2,625,550
MASCARENO, EDUARDO 2,458,798
MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG 2,602,970
MASSIE, BERNARD 2,446,110
MASUBUSHI, YOICHI 2,581,820
MASUDA, YOSHITAKA 2,585,323
MASUTOMI, YUTAKA 2,577,922
MATHIESEN, ANITA 2,598,565
MATSUI, HIROSHI 2,509,360
MATSUMOTO, YASUHIRO 2,591,912
MATSUO, SHOHEI 2,676,709
MATSUSHITA, TAKATOSHI 2,697,236
MATSUSHITA, TAKATOSHI 2,731,658
MATSUZAKI, NOBUTOSHI 2,679,816
MATTNER, FRANK 2,513,218
MATTSSON, RUNE JOHAN MAGNUS 2,582,882
MATZEN, MELISSA J. 2,548,106
MAULDIN, CHARLES LEE 2,680,942
MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V. 2,600,213
MAYERHAUSER, CAROLYN M. 2,636,188
MAYERLE, DEAN 2,694,800
MCARTHUR, JOHNATHON G. R. 2,774,303
MCBREARTY, GERALD FRANCIS 2,672,528
MCCALLUM, MICHAEL E. 2,654,129
MCCI CORPORATION 2,532,077
MCCLURE, JOHN A. 2,566,604
MCCOLM, TOM 2,597,997
MCCULLOUGH, EDWARD T. 2,669,356
MCGEOUGH, BARRY 2,688,794
MCGLINCHY, TIMOTHY B. 2,520,237
MCGUINESS, CLAIRE 2,721,121
MCGUINESS, CLAIRE 2,721,124
MCILVAINE, MICHAEL SCOTT 2,674,872
MCMECHAN, DAVID EUGENE 2,739,175
MCMECHAN, DAVID, EUGENE 2,738,978
MCNEIL-PPC, INC. 2,585,852
MCPHERSON, ANDREW 2,558,700
MECKERT, GEORGE W. 2,546,298
MEDA PHARMA GMBH & CO. KG 2,542,434
MEDELA HOLDING AG 2,491,882
MEDERSKI, WERNER 2,570,264
MEDICAL DISCOVERIES, INC. 2,380,940
MEDIPURPOSE PTE. LTD. 2,584,865
MEDTRONIC CRYOCATH LP 2,651,832
MEDTRONIC MINIMED, INC. 2,585,901
MEDTRONIC MINIMED, INC. 2,594,641
MEDTRONIC MINIMED, INC. 2,597,367
MEDTRONIC MINIMED, INC. 2,704,962
MEDTRONIC MINIMED, INC. 2,720,958
MEDVINSKY, ALEXANDER 2,509,206
MEEMONGKOLKIAT, VICHAI 2,682,188
MEHRING, AMANDA DEES 2,490,736
MEISELS, DAVID 2,502,810
MELOT, MARION 2,627,065
MEMMOTT, STEPHEN D. 2,366,211
MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG 2,570,264
MERCK SHARP & DOHME CORP. 2,545,255
MERCK SHARP & DOHME CORP. 2,562,082
MERCK SHARP & DOHME CORP. 2,588,445
MERIAL LIMITED 2,583,147
MERIDIAN BIOPHARMACEUTICALS GMBH 2,573,505
MERIDIAN MEDICAL TECHNOLOGIES, INC. 2,517,792
MERTIK MAXITROL GMBH & CO. KG 2,559,437
MERTSCH, UWE 2,639,013
MESA, C. MICHAEL 2,517,792
MESSICK, TYSON R. 2,700,296
MESSIER-BUGATTI 2,646,345
METAL ALLOY RECLAIMERS, INC. II 2,557,501
METSO FABRICS OY 2,760,536
METSO MINERALS INC. 2,626,877
METSO PAPER SWEDEN AKTIEBOLAG 2,602,580
MEVISSEN, BERT 2,539,790
MEXICHEM AMANCO HOLDING S.A. DE C.V. 2,721,121
MEXICHEM AMANCO HOLDING S.A. DE C.V. 2,721,124
MEYER, BERNHARD 2,677,394
MEYER, TERRY E. 2,524,493
MI, YUAN 2,524,048
MICHAELS, ALAN J. 2,723,405
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,531,998
MICROCHIPS, INC. 2,594,641
MICROSOFT CORPORATION 2,468,462
MICROSOFT CORPORATION 2,519,828
MICROSOFT CORPORATION 2,648,110
MIDDLETON, SCOTT W. 2,603,606
MIELE, SERGIO 2,625,578
MIHALOS, MIHAELOS 2,545,134
MIHAN, SHAHRAM 2,562,925
MILELLI, ROSARIO J. 2,510,714
MILESTONE SCIENTIFIC, INC. 2,693,294
MILLENNIUM INORGANIC CHEMICALS, INC. 2,663,782
MILLER, JEFFREY A. 2,525,270
MILLER, SCOTT M. 2,696,643
MILLER, STEVEN 2,681,904
MILTNER, KARL 2,532,441
MINER, PATRICE L. 2,468,462
MINK, STEVEN N. 2,428,744
MINNOOR, ELANGO 2,597,367
MINO, BENJAMIN TORU 2,626,002
MIRCHANDANI, PRAKASH K. 2,564,082
MIRYALA, SRIKANTH 2,603,222
MITEL NETWORKS CORPORATION 2,629,694
MITEL NETWORKS CORPORATION 2,655,879
MITSUBISHI ELECTRIC CORPORATION 2,581,820
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,670,279
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,697,236
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,731,658
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,735,345
MITSUBISHI TANABE PHARMA CORPORATION 2,725,425
MIYAZAKI, MASAAKI 2,717,938
MIYAZAWA, MAMORU 2,632,842
MIYOSHI, MASAAKI 2,485,797
MOBERG, SHELDON B. 2,585,901
MOEHLER, HANNS 2,692,295

# Index of Canadian Patents Issued
## June 25, 2013


MOELLENBECK, DANIEL 2,524,493
MOESSMER, STEFAN 2,563,016
MOGHE, BHALCHANDRA DATTATRAY 2,483,907
MOGI, SEIICHI 2,754,258
MOHR, GARY D. 2,609,804
MOJACK DISTRIBUTORS, LLC 2,680,715
MOKHTARZADEH, MORTEZA 2,575,122
MOLECOR TECNOLOGIA S.L. 2,667,302
MOLLE, AMELIE RODRIGUE 2,594,795
MOLLEYRES, LOUIS-PIERRE 2,547,814
MOLNAR, LANCE 2,662,635
MONSANTO TECHNOLOGY LLC 2,482,464
MONSHOUWER, HERMAN JACQUES 2,701,258
MONTOYA, SEBASTIEN 2,477,450
MOON, SEONG-JIN 2,675,699
MOON, SEUNG-KEE 2,719,243
MOORE, JASON F. 2,468,462
MOORE, STANLEY E. 2,525,270
MOORE, TERRILL M. 2,532,077
MORELLI, ROBERTO 2,565,831
MORIARTY, KEITH 2,546,398
MORIN, SEBASTIEN 2,705,312
MORITZ, GEBHARD 2,563,501
MOROHOSHI, JYUNKO 2,747,424
MOSCO, ALFRED J. 2,564,082
MOSS, NEIL 2,577,446
MOUNT, DENNIS 2,507,866
MUDDE, GEERT C. 2,573,505
MUKERJI, PRADIP 2,633,074
MULLEN, SHAWN PATRICK 2,672,528
MULLER, CHRISTIAN 2,562,496
MULLICK, ALAKA 2,446,110
MUNOZ DE JUAN, IGNACIO 2,667,302
MURAKAMI, HIKARU 2,485,797
MURILLO, JESSICA CAROL 2,672,528
MURUGANANDAM, NATARAJAN 2,553,782
MUTHER, AARON 2,772,668
NAGARAJ, THADI 2,783,599
NAGATA, SATORU 2,679,816
NAGEL, PHILIPP HARALD 2,489,200
NAHM, STEVEN H. 2,724,229
NAIK, DONALD 2,301,700
NAKAI, YOSHIHIRO 2,601,806
NAKAJIMA, TAKAO 2,551,611
NAKAMURA, MASANORI 2,433,320
NAKAO, AKIRA 2,725,425
NAKASATO, YOSHISUKE 2,551,611
NALCO COMPANY 2,731,274
NAM, HAKHYUN 2,703,030
NARJES, FRANK 2,693,537
NARLOW, DOUGLAS A. 2,485,504
NARVA, KENNETH E. 2,524,493
NATIONAL OILWELL VARCO, L.P. 2,678,832
NATIONAL OILWELL VARCO, L.P. 2,710,564
NATIONAL RESEARCH COUNCIL OF CANADA 2,446,110
NAUMANN, REINER 2,603,134
NAVAB, MOHAMAD 2,480,217
NAZMY, MOHAMED YOUSSEF 2,586,974
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO 2,520,091
NEELS, JACOBUS 2,701,770
NEGI, SHIGETO 2,632,842
NEGISHI, SATOSHI 2,608,336
NEIDHARDT, ARNOLD L. 2,653,204
NELSON, CURTIS 2,538,581
NEMIROFF, ROBERT S. 2,421,794
NEO, POH-HOCK 2,584,865
NESTEC S.A. 2,553,884
NESTEC S.A. 2,587,258
NEUENSCHWANDER, URS 2,573,661
NEWTON PROPULSION TECHNOLOGIES LTD. 2,479,235
NEY, JAMES R. 2,588,445
NGK INSULATORS, LTD. 2,615,643
NGK INSULATORS, LTD. 2,691,305
NGUYEN, JOHN CUONG 2,591,899
NGUYEN, MARK 2,568,632
NGUYEN, PHILIP, DUKE 2,738,978
NICHIFORENCO, JORJ 2,585,823
NIE, SHUMING 2,534,402
NIEDERHAUSER, URS 2,640,638
NIELSEN, HEDELUND ANDERS 2,602,700
NIEMINEN, ILPO 2,626,877
NIHON MEDI-PHYSICS CO., LTD. 2,500,866
NIIJIMA, JUN 2,632,842
NILFISK-ADVANCE A/S 2,602,700
NILSSON, BJORN 2,589,465
NILSSON, PETER 2,608,177
NIPPON SHINYAKU CO., LTD. 2,577,922
NIPPON SODA CO., LTD. 2,747,424
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,676,709
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,679,767
NIRUNSUKSIRI, WILAS 2,524,493
NISHIBAYASHI, TORU 2,694,183
NISHIKAWA, TAICHIRO 2,601,806
NISSAN MOTOR CO., LTD. 2,678,132
NOKIA CORPORATION 2,501,368
NOMOTO, YUJI 2,551,611
NOMURA, SHIGEKI 2,433,320
NORDUYN INC. 2,687,634
NORSK HYDRO ASA 2,606,593
NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF MEDICINE 2,313,169
NORTHERN RESEARCH TECHNOLOGIES INC. 2,437,197
NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC. 2,510,714
NOVA-DUCT TECHNOLOGIES PTY LTD 2,583,044
NOVAK, JENNIFER 2,738,964
NOVARTIS AG 2,402,718
NOVARTIS AG 2,573,586
NOVELIS INC. 2,736,400
NOVELIS INC. 2,736,798
NOVIKOV, ROMAN VASILYEVICH 2,611,328
NOVO NORDISK A/S 2,550,902
NUNAMAKER, NATHAN SAMUEL 2,674,872
NUSS, VOLKER 2,531,114
NUTRI-FIT GMBH & CO. KG 2,564,161
O'HARA, JOHN 2,615,408
O'NEIL, TERRI ELLEN 2,214,453
O.M.G. S.R.L. 2,594,759
OAKES, JAMES J. 2,564,082
OFFERMANN, UWE 2,580,302
OFFNER, SONJA 2,522,894
OGDEN, MATTHEW 2,605,454
OHARA, HIDEO 2,485,797
OHGI, TADAAKI 2,577,922
OHNO, KEN 2,622,853
OHNO, TETSUJI 2,551,611
OHTA, SHUJI 2,591,912
OHYAMA, KANJI 2,648,274
OKADA, MAMI 2,591,912
OKAMOTO, TADASHI 2,244,403
OKAMURA, DAISUKE 2,663,986
OLIVEIRA, MARK 2,511,881
OLIVER, BRIAN 2,630,101
OLSON, JUDD DYLAN 2,610,678
ORR, BRIAN WILLIAM 2,783,599
ORTEGA, RUBEN E. 2,579,312
ORTH, ULRICH 2,563,016
ORTMANN, INGO 2,630,413
OSBORNE, THOMAS A. 2,599,638
OSKAM, JOHN H. 2,553,782
OSRAM SYLVANIA INC. 2,529,399
OSRAM SYLVANIA INC. 2,740,601
OSUM OIL SANDS CORP. 2,713,536
OTAGO INNOVATION LIMITED 2,454,920
OTAKI, NOBUYUKI 2,556,737
OTSUKA PHARMACEUTICAL CO., LTD. 2,590,928
OTSUKA PHARMACEUTICAL CO., LTD. 2,694,183
OTSUKA TECHNO CORPORATION 2,694,183
OUTOTEC OYJ 2,500,788
PACCAR INC 2,576,651
PACKAGING CORPORATION OF AMERICA 2,696,643
PADOVANI, ROBERTO 2,637,732
PAGE, DENIS 2,704,073
PAKIT INTERNATIONAL TRADING COMPANY INC 2,589,465
PAL-V EUROPE NV 2,582,250
PALKAR, SAURABH A. 2,588,445
PALMESE, GIUSEPPE RAFFAELLO 2,565,313
PAN, SHIFENG 2,524,048

PANANDIKER, RAJAN KESHAV 2,642,955
PANANDIKER, RAJAN KESHAV 2,642,958
PANASONIC CORPORATION 2,485,797
PANASONIC CORPORATION 2,679,816
PANDALIS, GEORGIOS 2,622,508
PANG, ZIJING 2,500,079
PANOS, PAUL J. 2,693,346
PANUSOPONE, KRIT 2,468,087
PAREKH, GIRISH G. 2,473,833
PARISIEN, MATHIEU 2,705,312
PARK, GYU-TAE 2,719,243
PARK, JIN S. 2,575,306
PARK, SUNG MEE 2,669,657
PARK, SUNG-WOOK 2,675,699
PARK, YOO-MIN 2,636,046
PARKER-BARNES, JENNIFER M. 2,633,074
PASEK, JAMES E. 2,536,843
PATWARDHAN, RAVINDRA M. 2,715,219
PAUL MUELLER GMBH & CO. KG UNTERNEHMENSBETEILIGUNGEN 2,561,574
PAULSON, GREGORY M. 2,473,833
PAXTON, RAYMOND J. 2,454,578
PAZDON, JOHN J., JR. 2,301,700
PEISSL, SVEN 2,582,185
PELLA CORPORATION 2,785,882
PENDO, SHAUN 2,594,641
PEPSICO, INC. 2,636,188
PEPSICO, INC. 2,663,336
PERRIN, PATRICK C. 2,605,411
PERSINGER, MICHAEL A. 2,257,266
PERSTORP SPECIALTY CHEMICALS AB 2,625,455
PERUFFO, ANDREA 2,732,446
PERUKE (PROPRIETARY) LIMITED 2,712,116
PERVAN, DARKO 2,548,420
PETERKA, PETR 2,509,206
PETERS, ALLAN 2,772,668
PETERSON, CHRISTOPHER L. 2,615,408
PETERSON, MATTHEW 2,511,881
PETERSON, RONALD R. 2,575,122
PETRISSANS, ISABELLE 2,575,982
PFANNEN-MULLER, THOMAS 2,417,567
PFENNINGER, ERICH 2,491,882
PFIRRMANN, ROLF W. 2,405,378
PFIRRMANN, ROLF W. 2,692,295
PFIZER INC. 2,724,774
PGS GEOPHYSICAL AS 2,582,882
PHARMACIA CORPORATION 2,498,886
PHILLION, DENNIS PAUL 2,724,774
PIETERSE, JOHANNIS ALOUISIUS ZACHARIAS 2,598,341
PINAULT, MATHIEU 2,589,673
PIONEER HI-BRED INTERNATIONAL, INC. 2,524,493
PIONEER HI-BRED INTERNATIONAL, INC. 2,703,490
PISE, ABHINAY 2,536,052
PLATT, JOHN C. 2,519,828
PLAYTEX PRODUCTS, LLC 2,612,674
PLEYDON, ROBERT G. 2,713,980
PLURITAG INC. 2,779,880
POLLACK, JAY G. 2,580,683
POLLERMAN, SARAH E. 2,366,211
POPP, HARALD 2,659,158
PORTENEUVE, CHARLOTTE B. 2,547,015
PORTER, ANDREW JUSTIN RADCLIFFE 2,495,725
PORTILLO, HECTOR EDUARDO 2,569,478
POST FOODS, LLC 2,558,700
POSTI, ARI 2,626,877
POULIN, PHILIPPE 2,585,332
POUND, TREVOR 2,629,694
POURKAVOOS, NAZANEEN 2,588,445
POWELL, FEROLYN T. 2,586,512
PRAKASH, RAJAT 2,715,219
PRATO, FRANK S. 2,257,266
PRATT & WHITNEY CANADA CORP. 2,502,810
PRATT & WHITNEY CANADA CORP. 2,558,897
PRECISION ENERGY SERVICES, INC. 2,680,942
PRECITEC VISION GMBH & CO. KG 2,663,314
PRESTA, LEONARD G. 2,545,255
PRESTON, KEVIN RUSSELL 2,631,098
PRETORIUS, GERARD 2,712,116
PREUSS, ANDREA 2,579,583
PRIDMORE-MERTEN, SYLVIE 2,553,884
PROCIW, LEV ALEXANDER 2,558,897
PSIVIDA US, INC. 2,444,894
PUDDEFOOT, JOHN RICHARD 2,496,422
PULSKAMP, STEVEN R. 2,580,683
PUR WATER PURIFICATION PRODUCTS, INC. 2,610,678
PURE BIOSCIENCE 2,579,583
PYLE, HARRY S. 2,396,094
QNX SOFTWARE SYSTEMS (WAVEMAKERS), INC. 2,527,461
QUALCOMM INCORPORATED 2,485,930
QUALCOMM INCORPORATED 2,659,197
QUALCOMM INCORPORATED 2,674,872
QUALCOMM INCORPORATED 2,678,126
QUALCOMM INCORPORATED 2,679,591
QUALCOMM INCORPORATED 2,715,219
QUALCOMM INCORPORATED 2,726,149
QUALCOMM INCORPORATED 2,783,599
QUALCOMM MEMS TECHNOLOGIES, INC. 2,580,794
QUEEN MARY & WESTFIELD COLLEGE 2,496,422
QUICKER, PETER 2,597,520
QURAISHI, NAZIA 2,562,082
QUY, ROGER J. 2,395,074
RABITSCH, ROLAND 2,582,185
RADGIV ENDE INGENIORER 2,584,905
RAJA, VISHNU R. 2,499,421
RAK, ROMAN PETER 2,552,204
RAKUS, PAUL R. 2,525,270
RAMIREZ, JOSE E. 2,641,420
RANKIN, ROBIN 2,720,975
RAO, RAJESH 2,536,052
RAOUFINIA, ARASH 2,521,885
RAPPAS, ALKIS S. 2,709,520
RASCH-MENGES, JUERGEN 2,532,441
RASCHDORF, ALFRED H., JR. 2,586,512
RATHORE, ANURAG S. 2,498,886
RAUH, RAINER 2,417,567
RAUM, TOBIAS 2,522,894
RAVEENDRAN, VIJAYALAKSHMI R. 2,783,599
RAWAT, AJAY SINGH 2,536,052
RDM CORPORATION 2,534,603
RECTOR, WILLIAM O. 2,301,700
REDBOX AUTOMATED RETAIL, LLC 2,566,324
REDEKOP ENTERPRISES INC. 2,694,800
REDEKOP, LEO 2,694,800
REDL, GERDA 2,573,505
REDMOND, H. PAUL 2,692,295
REED, STEVEN G. 2,653,566
REES, KYLE 2,774,407
REEVES WIRELINE TECHNOLOGIES LIMITED 2,437,395
REGI U.S. INC. 2,496,157
REICH, MARVIN FRED 2,285,241
REIJNS, TIEM GEERT PIETER 2,598,565
REIST, WALTER 2,568,985
REMENAR, JULIUS 2,511,881
RENEWABLE LUBRICANTS, INC. 2,498,812
RENNICH, DEAN A. 2,785,882
RENNINGER, NEIL STEPHEN 2,670,307
REPOWER SYSTEMS AG 2,642,790
RESEARCH IN MOTION LIMITED 2,552,204
RESEARCH IN MOTION LIMITED 2,625,550
RESEARCH IN MOTION LIMITED 2,630,101
RESEARCH IN MOTION LIMITED 2,654,129
RESEARCH IN MOTION LIMITED 2,662,964
RESEARCH IN MOTION LIMITED 2,678,245
RESEARCH IN MOTION LIMITED 2,714,225
REYES, ENRIQUE 2,738,978
REYES, ENRIQUE 2,739,175
RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITAET 2,595,137
RHODES, STEPHEN 2,214,453
RIBEAUD, MARC 2,559,746
RICHARD, LOUIS 2,487,910
RICHARDSON, MICHAEL D. 2,647,943
RICHTER, OWEN E. 2,578,513
RICHTER, THOMAS 2,643,186
RICKMAN, RICHARD, D 2,738,978
RICO FERREIRA, MARIA DEL ROSARIO 2,693,537
RIEDER, ALFRED 2,559,564

# Index of Canadian Patents Issued
## June 25, 2013


RIETVELD, GIJSBERTUS 2,613,878
RING, LEV 2,701,860
RING, TIMOTHY W. 2,536,843
RITCHIE, STEVEN W. 2,524,493
RIVAS, JAKE 2,688,794
ROBBINS, AVI M. 2,675,275
ROBERGE, DANNY 2,722,154
ROBERTSON, JOHN 2,496,157
ROBISON, RICHARD G. 2,603,606
RODOLFO, SAUL LE-GARCIA 2,490,670
RODRIGUEZ, PETER A. 2,604,194
ROEBKE, MATTHIAS 2,701,736
ROEDER, BLAYNE A. 2,579,284
ROEKAERTS, STIJN 2,636,621
ROELLIN, RICHARD 2,491,882
ROGERS, RICHARD C. 2,618,588
ROHATGI, AJEET 2,682,188
ROHLAND, LUTZ 2,571,307
ROM, HAIM 2,479,235
ROMANSKI, ERIC 2,497,316
RONDEAU, JEAN-MICHEL 2,573,586
RONG,JIANHUI 2,619,139
ROSAY, JACQUES 2,568,848
ROSENBLATT, STEVE R. 2,727,120
ROTH, WIESLAW J. 2,729,265
ROTH, WIESLAW J. 2,729,266
ROTONDO, ADAM W. 2,498,812
ROUSSET, DAVID 2,707,102
ROWE, NEAL E. 2,525,270
ROY, PHILIPPE 2,530,899
ROY, SHAIBAL 2,678,245
RUBBERMAID COMMERCIAL PRODUCTS LLC 2,565,718
RUCHSER, THOMAS 2,586,610
RUDERT, MARJORIE L. 2,524,493
RUTH, KARSTEN 2,511,920
RYDER, JASON A. 2,670,307
RYDER, JASON A. 2,694,982
S. C. JOHNSON & SON, INC. 2,724,229
S. C. JOHNSON & SON, INC. 2,724,253
SACRIPANTE, GUERINO G. 2,732,961
SADEPAN CHIMICA S.R.L. 2,625,578
SAEKI, ISAMU 2,590,928
SAETHERASEN, JONAS 2,602,580
SAGAWA, SHINICHI 2,585,323
SAINT-GOBAIN ISOVER 2,541,687
SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION 2,713,980
SAITO, TAKAHISA 2,591,912
SAKAI, ATSUHIRO 2,754,258
SAKAI, TETSUYA 2,691,305
SALCEDO, DAVID M. 2,485,504
SALEH, RAMZI Y. 2,712,187
SAMARDZIJA, PRIMOZ 2,772,668
SAMARINA, MARINA VLADIMIROVNA 2,417,567
SAMPATH, HEMANTH 2,679,591
SAMPATHKUMAR, RAMKUMAR 2,783,599
SAMSUNG ELECTRONICS CO., LTD. 2,669,679
SAMSUNG ELECTRONICS CO., LTD. 2,675,699
SAMSUNG ELECTRONICS CO., LTD. 2,681,959
SANCHEZ, DIANA M. 2,575,306
SANDAR INDUSTRIES, INC. 2,604,194
SANDBERG, GLENN 2,536,843
SANDERS, CRAIG D. 2,524,493
SANDFORD, CRAIG 2,540,028
SANDLER, VLADIMIR SOLOMONOVITCH 2,417,567
SANDS, JAMES MATTHEW 2,565,313
SANGAMO BIOSCIENCES, INC. 2,407,460
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,407,808
SANOGUEIRA, JAMES P. 2,612,674
SARABIA, JAIME E. 2,586,512
SARATHI, PARTHA 2,713,703
SARTORIUS, THOMAS ANDREW 2,674,872
SASHO, MANABU 2,632,842
SASNOWSKI, ALLAN 2,604,866
SATO, JUN 2,591,912
SATO, KEIZO 2,632,842
SATO, SHUICHIRO 2,591,912
SATO, TETSUYA 2,694,183
SATOH, YOSHIOKI 2,601,463
SATOU, AKEMI 2,729,558
SATTLER, STEPHAN 2,639,013
SAUTTER, ROBERT H. 2,643,186
SAVAGE, DOUGLAS R. 2,667,083
SAZDANOFF, NICHOLAS JAMES 2,669,356
SCHAMPER, THOMAS 2,483,907
SCHATZER, JAMES E. 2,576,651
SCHEBEL, DEAN DAVID 2,677,490
SCHELBERGER, KLAUS 2,708,350
SCHERER, MARIA 2,708,350
SCHERER, RONALD J. 2,515,332
SCHICKS, JUDITH MARIA 2,522,634
SCHIEWE, JOERG 2,502,502
SCHLEUNUNG, ANDREAS 2,511,920
SCHLUMBERGER CANADA LIMITED 2,529,173
SCHLUMBERGER CANADA LIMITED 2,546,398
SCHLUMBERGER CANADA LIMITED 2,591,899
SCHLUMBERGER CANADA LIMITED 2,700,296
SCHLUMBERGER NORGE AS 2,703,741
SCHLUMBERGER NORGE AS 2,705,933
SCHMALZ, JENS 2,557,161
SCHMELZEISEN-REDEKER, GUENTHER 2,532,441
SCHMIDER, JOHN 2,604,866
SCHMIDT, ALFRED 2,380,940
SCHMIDT, BEATE 2,496,459
SCHMIDT, LARRY A. 2,301,700
SCHMIDT, LEO M. 2,576,651
SCHNEIDER, BARRY VINCENT 2,680,942
SCHNEIDER, HEINZ 2,564,161
SCHNEIDER, HERMANN 2,598,464
SCHOEFL, ULRICH 2,708,350
SCHROEDER, JAN 2,636,205
SCHUELE, VOLKER 2,723,662
SCHULTZ, DAVID SHELDON 2,698,284
SCHULTZ, ERIC 2,626,002
SCHULTZ, ROGER L. 2,506,991
SCHUSTER, MANFRED 2,573,505
SCHUSTER, MICHAEL 2,600,213
SCHWARTZ, JOE L. 2,731,274
SCHWARTZ, RUSSELL J. 2,724,229
SCHWARZ, JOACHIM 2,663,314
SCHWEITZER, OLAF 2,586,791
SCINOPHARM TAIWAN, LTD. 2,686,312
SCRIPT, HENRY J. 2,572,810
SCRIPT, MICHAEL H. 2,572,810
SEBA, HARTMUT 2,630,413
SEBTI, THAMI 2,591,767
SEDERQUIST, RICHARD ALLAN 2,701,770
SEELIG, PETER 2,721,508
SEGETIS, INC. 2,639,817
SEGUIN, GUILLAUME 2,575,982
SEIFERT, ROBERT V., JR. 2,714,089
SEILER, ANDREAS 2,602,970
SEITZ, THOMAS 2,531,114
SEKI, MAKI 2,725,425
SEKISUI CHEMICAL CO., LTD. 2,433,320
SELBY, THOMAS PAUL 2,569,478
SELIFONOV, SERGEY 2,639,817
SELMEN, ARNAULT 2,589,673
SENORET GROUP, INC. 2,538,581
SENSORMATIC ELECTRONICS, LLC 2,485,504
SEQUEIRA, CLARENCE 2,663,336
SERKH, ALEXANDER 2,705,264
SETHI, SUMEET 2,783,599
SETSUTA, TOMOFUMI 2,725,425
SEYEDIN, MITCHELL S. 2,570,521
SHAFIQUE, HARRIS 2,558,897
SHAH, KETAN N. 2,724,229
SHAH, NIRAJ 2,521,885
SHAH, RAJIV 2,594,641
SHAH, RAJIV 2,704,962
SHANG, SHERWIN 2,540,028
SHAO, AIHUA 2,524,493
SHAPIRO, OFER 2,667,194
SHARRATT, ANDREW PAUL 2,721,121
SHARRATT, ANDREW PAUL 2,721,124
SHAW, DONALD 2,437,197
SHAW, RONALD WILLIAM 2,789,509
SHAYEGI, SARA 2,506,991
SHEA, JOHN J. 2,525,270
SHERWOOD SERVICES AG 2,518,392
SHETH, NEIL VIJAY 2,578,513
SHETLER, LANCE E. 2,585,901
SHI, FANG 2,783,599
SHIBATA, MASAAKI 2,697,236
SHIBATA, MASAAKI 2,731,658
SHIEH, JOHNNY MENG-HAN 2,672,528
SHIM, DONG-HEE 2,587,366
SHIMIZU, ATSUSHI 2,679,767
SHIMOMURA, MASATSUGU 2,521,916
SHINOHARA, SHIGEO 2,590,928
SHIROISHI, KUNIHIKO 2,716,920
SHIROTA, KAZUHIKO 2,591,912

SHL MEDICAL AB 2,550,667
SHULLMAN, ALEX 2,626,002
SHULZE, JOHN E. 2,667,083
SIDDIQUI, MOHAMMED A. Q. 2,458,798
SIEMENS MEDICAL SOLUTIONS USA, INC. 2,578,043
SILBERGER, AMNON 2,783,599
SILENT CALL CORPORATION 2,673,821
SIMARD, NATHALIE 2,402,718
SIMMONS, MARYANN 2,563,523
SIMOND, JEAN-JACQUES 2,517,249
SIMONEAU, BRUNO 2,705,312
SINCLAIR, PETER J. 2,562,082
SINGER, JOSEF 2,597,669
SINGH, ANIL 2,591,899
SINGHAL, AMITABH K. 2,647,864
SIVACOE, ORLANDE 2,590,980
SIVAN, URI 2,641,613
SIVASANKAR, SHOBA 2,703,490
SKEIKY, YASIR A. W. 2,653,566
SKIBINSKI, MATTHEW 2,738,964
SKINNER, SANDY 2,677,881
SLADE, LOUISE 2,558,700
SLOCUM, WILLIAM D. 2,697,391
SLONE, CLINTON NEAL 2,626,002
SMART, JASON L. 2,579,312
SMELQUIST, KEN 2,549,786
SMID, ANNE 2,685,415
SMITH, GARY S. 2,575,851
SMITH, GEOFF 2,425,217
SMITH, JOHN WILLIAM 2,721,121
SMITH, JOHN WILLIAM 2,721,124
SMITH, KIM R. 2,525,205
SMITH, MARK ADRIAN 2,680,942
SMITH, RODNEY WAYNE 2,674,872
SMITH, THOMAS J. 2,444,894
SMOOK, WARREN GREGORY 2,645,526
SNECMA 2,491,437
SNEKKENES, VIDAR 2,602,580
SNYDER, EVAN Y. 2,313,169
SOARE, LUCICA CRISTINA 2,502,502
SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES - SATELEC 2,565,108
SOMERS, PIERRE 2,750,391
SON, ERNEST LEE 2,675,275
SONG, JAE HYUNG 2,694,704
SONG, WON GYU 2,562,220
SONITUS MEDICAL, INC. 2,713,350
SORENSEN, KENT 2,625,455
SORRENTINO, GREG 2,583,247
SOUNDARARAJAN, GOPIKRISHNAN 2,594,641
SPECTRUM EXTERNAL LINE INSPECTION TECHNOLOGY INC. 2,549,786
SPENCER, MICHAEL CHARLES 2,437,395
SPERBER, MARTIN 2,636,205
SPIGAI, ALBERTO 2,594,759
SPIRO, ROBERT 2,570,521
SPITZ, ROBERT A. 2,709,520
SPOELSTRA, RONALD L. 2,785,882
SPRICH, HANS-JOERG 2,559,564
SPRINGETT, FRANK BENJAMIN 2,710,564
SQUIRE, GEORGE MCDONALD 2,558,700
SQUIRES, ANDREW 2,713,536
STANSFIELD, IAN 2,693,537
STARK, YAFIT 2,702,437
STARZ, KARL-ANTON 2,511,920
STECKELBERG, DAVE 2,549,457
STEELE, BRIAN 2,726,149
STEERE, JOHN F. 2,586,928
STEFANUK, WILLIAM 2,534,603
STEINMEYER, DAVID E. 2,498,886
STELMAN, STEVEN J. 2,524,493
STENDEL, RUEDIGER 2,692,295
STENZEL, HOLGER 2,580,302
STEVENS, JOHN H. 2,564,082
STEVENSON, THOMAS MARTIN 2,569,478
STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND 2,598,341
STIERL, REINHARD 2,708,350
STOCK, TORE 2,703,741
STONE, MARTIN W. 2,615,408
STONEHOCKER, TIMOTHY P. 2,579,312
STRACHAN, VICTOR F. 2,510,714
STRACK, KURT M. 2,654,442
STRAND, FRANK 2,509,490
STRASSENBURG-KLECIAK, MAREK 2,489,200
STRASSER, MIKE 2,626,002
STRICKLER, ROBERT W. 2,667,042
STRIDDE, HOWARD M. 2,557,192
STROHALLEN, GENE MICHAEL 2,673,821
STROUD, DAVID W. 2,662,513
STUCKER, DAVID S. 2,524,493
STUMBLEUPON, INC. 2,425,217
SU, SHIH-HORNG 2,667,083
SUGA, HITOSHI 2,758,094
SUGAWARA, MASAMORI 2,551,611
SUGIMOTO, TOSHIYA 2,433,320
SUGIYAMA, ATSUSHI 2,601,463
SUH, JONG YEUL 2,694,704
SUICHI, NOBUHIKO 2,678,132
SULLIVAN, JEFFREY M. 2,405,840
SULZER CHEMTECH AG 2,500,637
SUMI, YOSHIHIKO 2,521,916
SUMITOMO ELECTRIC INDUSTRIES, LTD. 2,601,806
SUMMERS, NEIL 2,639,297
SUN, JIANLI 2,629,694
SUN, JICHAO 2,579,284
SUNATORI, GO SIMON 2,614,182
SUNBEAM PRODUCTS, INC. 2,574,658
SUNSTAR GIKEN KABUSHIKI KAISHA 2,597,357
SUNTORY HOLDINGS LIMITED 2,648,274
SUPERNUS PHARMACEUTICALS, INC. 2,521,885
SURFACE TECHNOLOGIES IP AG 2,750,391
SUTHERLAND SEPARATION SYSTEMS, INC. 2,537,603
SUTHERLAND, GEORGE 2,537,603
SUZUKI, HIDEYUKI 2,691,305
SUZUKI, HIROKO 2,725,425
SUZUKI, HIROYUKI 2,591,912
SUZUKI, KISHO 2,549,457
SUZUKI, TADASHI 2,729,558
SUZUKI, TOMOHIRO 2,244,403
SWAZEY, SCOTT T. 2,783,599
SWINFORD, JERRY L. 2,734,285
SYMANTEC CORPORATION 2,777,125
SYMBOL TECHNOLOGIES, INC. 2,551,480
SYNGEN BIOTECH CO., LTD. 2,598,565
SYNGENTA PARTICIPATIONS AG 2,547,814
SYNGENTA PARTICIPATIONS AG 2,573,661
SYNGENTA PARTICIPATIONS AG 2,598,464
SYROWATKA, MACIEJ 2,629,694
SZELENYI, ISTVAN 2,542,434
SZPILFOGEL, CHRISTIAN 2,655,879
TABATA, KOUJI 2,574,053
TAFFET, BRUNO 2,503,120
TAGLIANI, LAURA A. 2,524,493
TAGTOW, GARY E. 2,785,882
TAICA CORPORATION 2,556,737
TAIZHOU DAJIANG IND. CO., LTD. 2,704,881
TAKAHARA, AKIRA 2,601,463
TAKAHASHI, JYUN 2,747,424
TAKAHASHI, NAOKI 2,729,558
TAKAHASHI, YUKI 2,713,635
TAKAMURA, NORITO 2,500,866
TAKAMURA, SEISHI 2,676,709
TAKAYANAGI, KOICHI 2,598,988
TAKEDA GMBH 2,496,459
TAKENO, SHOGO 2,691,305
TAKEUCHI, MASAHIKO 2,729,558
TAMBURRO, MAURIZIO 2,708,255
TAMM, CARL R. 2,573,750
TANABE, OSAMU 2,619,176
TANABE, TOSHIYA 2,549,457
TANAKA, MASARU 2,521,916
TANAKA, MINORU 2,725,425
TANIDA, RYUICHI 2,679,767
TANN, R. SCOTT 2,557,192
TARGET BRANDS, INC. 2,772,668
TATSUMI, RYO 2,725,425
TAWA, MARK 2,511,881
TAYLOR, CLINT 2,585,901
TAYLOR, GAYLE E. 2,562,082
TAZARTES, DANIEL A. 2,510,714
TBEA SHENYANG TRANSFORMER GROUP CO., LTD 2,727,976
TDY INDUSTRIES, INC. 2,564,082

# Index of Canadian Patents Issued
## June 25, 2013


TEAGUE, EDWARD HARRISON 2,679,591
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD. 2,501,001
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD. 2,641,613
TEIJIN LIMITED 2,521,916
TEISSIER, PHILIPPE 2,551,494
TELCORDIA TECHNOLOGIES, INC. 2,653,204
TENGHAMN, STIG RUNE LENNART 2,582,882
TERRY, KERSTEN ANNE 2,553,782
TERSTEGGE, STEFANIE 2,595,137
THALBITZER, ANDERSEN HENRIK 2,600,213
THALES 2,510,692
THE BABCOCK & WILCOX COMPANY 2,558,521
THE CURATORS OF THE UNIVERSITY OF MISSOURI 2,676,122
THE EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), REPRESENTED BY THE EUROP EAN COMMISSION 2,597,669
THE FLEWELLING FORD FAMILY TRUST 2,338,506
THE GATES CORPORATION 2,705,264
THE GENERAL HOSPITAL CORPORATION 2,313,169
THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC RETARY OF THE ARMY 2,565,313
THE NISSHIN OILLIO GROUP, LTD. 2,608,336
THE NORTH FACE APPAREL CORP. 2,688,794
THE PROCTER & GAMBLE COMPANY 2,642,955
THE PROCTER & GAMBLE COMPANY 2,642,958
THE PROCTER & GAMBLE COMPANY 2,708,255
THE PROCTER & GAMBLE COMPANY 2,720,968
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,480,217
THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK 2,458,798
THE SERVICEMASTER COMPANY 2,684,751
THE UNIVERSITY OF MONTANA 2,347,849
THE UNIVERSITY OF NOTTINGHAM 2,580,894
THEEUWES, FELIX 2,583,642
THEIL, ARNE 2,520,091
THERAVANCE, INC. 2,599,236
THIERJUNG, GEORGE A. 2,647,943
THOBE, NICHOLAS D. 2,580,683
THOMAS, ALEX W. 2,257,266
THOMAS, LEO 2,557,801
THOMPSON, CHRISTOPHER F. 2,562,082
THRIEN, MARKUS 2,714,225
THURMOND, JENNIFER 2,633,074
THURSTON, JOHN J. 2,727,120
TIETZ, FRANK 2,613,878
TIME WARNER CABLE INC. 2,643,806
TIMM, JOHN T. E. 2,566,604
TJELDHORN, REIDAR 2,509,490
TOA EIYO LTD. 2,598,988
TOAL, MICHELE 2,498,886
TOBLER, HANS 2,573,661
TOBLER, HANS 2,598,464
TOMITA, TOSHIHIRO 2,615,643
TOMIZAWA, TAKESHI 2,485,797
TOPSOE FUEL CELL A/S 2,613,878
TORO, EVELINA 2,708,255
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,729,558
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,758,094
TRADE ASSOCIATES, INC. 2,541,712
TRANSFORM PHARMACEUTICALS, INC. 2,511,881
TRANSOCEAN SEDCO FOREX VENTURES LIMITED 2,743,480
TRAVELPRO INTERNATIONAL INC. 2,720,975
TREBING, STEFAN 2,668,879
TRIMMIER, JAMES 2,662,635
TSAI, YI-HSUEH 2,596,196
TSANG, PATRICK KING YU 2,685,415
TSANTRIZOS, YOULA S. 2,705,312
TSOU, HWEI-RU 2,285,241
TSUJIMOTO, SHINJI 2,590,928
TSUKAMOTO, KENICHI 2,619,816
TSUTSUI, NAOKI 2,712,043
TSUZURA, KAZUHITO 2,716,920
TU, XUAN MAI 2,517,249
TUBBS, KENNETH M. 2,468,462
TUCKER, IAN GEORGE 2,454,920
TUNGALOY CORPORATION 2,736,034
TURNBULL, CLIFFORD W. 2,541,712
TURNER, GEOFFREY 2,366,211
TWARDZIK, DANIEL R. 2,653,566
TYCO HEALTHCARE GROUP LP 2,560,154
TYCO HEALTHCARE GROUP LP 2,583,247
TZANNES, MARCOS C. 2,643,424
UCHIDA, SHIN-ICHI 2,551,611
UCHIKAWA, TETSUYA 2,691,305
UEHARA, HIDETAKA 2,608,336
UEMOTO, KAZUHIRO 2,598,988
UESAKA, NORIAKI 2,551,611
ULATOWSKI, BOGDAN R. 2,531,999
ULLMANN, BERND 2,559,954
ULUPINAR, FATIH 2,715,219
UMICORE AG & CO. KG 2,511,920
UMICORE AG & CO. KG 2,571,307
UMICORE AG & CO. KG 2,602,551
UNILEVER PLC 2,589,562
UNIVATION TECHNOLOGIES, LLC 2,553,782
UNIVERSITAETSKLINIKUM MUENSTER 2,587,923
UNIVERSITE LIBRE DE BRUXELLES 2,591,767
UNIVERSITY HEALTH NETWORK 2,682,361
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION 2,679,315
UNIVERSITY OF MANITOBA 2,428,744
UNIVERSITY OF SHEFFIELD OF WESTERN BANK 2,366,211
USG INTERIORS, LLC 2,533,247
USNR/KOCKUMS CANCAR COMPANY 2,491,983
VAELINGE INNOVATION AB 2,548,420
VALENZUELA, PABLO 2,402,718
VALSPAR SOURCING, INC. 2,473,833
VAN ANTWERP, WILLIAM PETER 2,597,367
VAN BOGAERT, ANNAIEK 2,645,526
VAN CORVEN, EMILE JOANNES JOSEPHUS MARIA 2,555,412
VAN DEN BERG, WIM 2,573,586
VAN DEN BRINK, RUDOLF WILLEM 2,598,341
VAN DER HORST, PETER MARTEN 2,550,494
VAN DER VEKEN, LOUIS JOZEF ELISABETH 2,576,850
VAN HOOZER, THOMAS H., JR. 2,615,408
VAN KUIJK, ROBERT 2,529,173
VAN LANDINGHAM, ALFRED RENEAU JR. 2,565,718
VAN NESS, KIRK P. 2,454,578
VAN ZANTE, WILLIAM M. 2,524,493
VANDER VEEN, RAYMOND PAUL 2,625,550
VANDERVESSE, MARC 2,636,621
VANDEVANTER, RUSSELL E. 2,677,490
VARDHAN, ANURAG 2,715,219
VARGHESE, VINJO 2,752,853
VARKEY, JOSEPH P. 2,591,899
VARTULI, JAMES C. 2,712,187
VAUGIEN, THIBAUD 2,585,332
VEDVICK, THOMAS S. 2,653,566
VEHRA, IMRAN 2,581,437
VEMULAPALLI, VANI 2,545,134
VENIER, FABIO 2,576,064
VENIER, FABIO 2,604,866
VENTURI, DAVID 2,497,085
VERBEKE, HANS GODELIEVE GUIDO 2,636,621

# Index des brevets canadiens délivrés
# 25 juin 2013


VERBIEST, RIK 2,645,526
VERBOOM, CORNELIS 2,564,010
VERTESY, LASZLO 2,407,808
VETESNIK, JAN 2,557,985
VETTER, KERRY ANDREW 2,642,955
VETTER, KERRY ANDREW 2,642,958
VIDYO, INC. 2,667,194
VINCENT, MATTHEW J. 2,729,173
VINSON, GAVIN PAUL 2,496,422
VISX, INCORPORATED 2,570,151
VOGT, SEBASTIAN 2,737,672
VOLK, CHARLES H. 2,510,714
VON RHEINBABEN, FRIEDRICH 2,677,394
VONESH, MICHAEL J. 2,548,106
VORONINA, TATIANA ALEKSANDROVNA 2,647,512
VRAC, LLC 2,605,454
VYMENETS, LEONID LEON 2,625,550
W. R. GRACE & CO.-CONN. 2,547,015
WACKER CHEMIE AG 2,731,009
WADDEN, MICHAEL 2,583,955
WAFER, JOHN A. 2,525,270
WAGH, SNEHAL MADHAVRAO 2,752,853
WAGNER, THOMAS E. 2,328,520
WAGSTAFF, ROBERT BRUCE 2,736,400
WAGSTAFF, ROBERT BRUCE 2,736,798
WAILES, RICHARD D., JR. 2,576,651
WAKASA, TSUYOSHI 2,697,236
WAKASA, TSUYOSHI 2,731,658
WALKER, GORDON KENT 2,783,599
WALTER, HARALD 2,573,661
WALTER, HARALD 2,598,464
WALTER, OLAF 2,506,218
WANG, C. Y. (ERIC) 2,545,134
WANG, JI 2,577,446
WANG, LIMIN 2,468,087
WANG, XINTAI 2,747,284
WARD, GREGORY J. 2,563,523
WARFEN, KARSTEN 2,642,790
WATCHGUARD TECHNOLOGIES, INC. 2,537,069
WAXENECKER, GUNTER 2,573,505
WAZNYS, PETER J. 2,546,298
WEATHERFORD/LAMB, INC. 2,701,860
WEATHERFORD/LAMB, INC. 2,714,879
WEAVER, JIMMIE D. 2,739,175
WEAVER, JIMMIE, D 2,738,978
WEAVER, ROBERT JEROME 2,772,668
WEBER, BEDA 2,491,882
WEGGEMAN, MIRANDA 2,555,412
WEIDL, CHRISTIAN HUBERT 2,601,660
WEILBACHER, RICHARD 2,559,954
WEISER, DOUGLAS 2,631,098
WEISTER, NATHAN J. 2,525,270
WELLS, LAWRENCE E. 2,678,832
WENCHELL, THOMAS 2,560,154
WERTH, MICHAEL 2,563,933
WESTHOFF, JAMES C. 2,564,082
WESTIN, MATS 2,493,512
WESTMAN, MIKE 2,549,786
WESTON, RICHARD SCOTT 2,566,947
WESTPORT POWER INC. 2,701,770
WHITE, STEVEN CRAIG 2,595,788
WHITFIELD, KENNETH H. 2,583,247
WHYNOT, STEPHEN R. 2,530,888
WIELAND, HEINRICH 2,380,940
WIEMERS, TIMOTHY O. 2,506,991
WIGHT, GEOFF 2,491,983
WIJNBERG, WILLEM A. 2,591,899
WILEY, GEORGE A. 2,726,149
WILKE, BO 2,602,580
WILKINS, MATTHEW M. 2,774,303
WILLEMSENS, GUSTAAF HENRI MARIA 2,576,850
WILLEY, WILLIAM DANIEL 2,662,964
WILLIAMS, JOSHUA D. 2,548,106
WILLIAMS, KURT W. 2,583,955
WILLIAMSON, PAUL T. 2,485,930
WINK, JOACHIM 2,407,808
WINKLER, PETER-JURGEN 2,417,567
WINNER, DEAN E. 2,580,683
WINOWISKI, THOMAS S. 2,669,018
WISCONSIN ALUMNI RESEARCH FOUNDATION 2,492,097
WISSNER, ALLAN 2,285,241
WITTEN, NEIL 2,563,933
WNUK, RALF 2,632,906
WOBBEN, ALOYS 2,616,936
WOERNER, WOLFGANG 2,602,970
WOLF, ANDREAS 2,522,894
WOLFE, KATHERINE T. 2,594,641
WOLFFE, ALAN P. (DECEASED) 2,407,460
WONG, ANJULIA 2,576,272
WONG, JON G. 2,492,271
WONG, VINCENT WAI 2,562,848
WONG, WILLIAM 2,499,421
WOO, LECON 2,540,028
WOOD, MARK ANDREW 2,631,098
WRH WALTER REIST HOLDING AG 2,568,985
WRIGHT, ANDREW C. 2,685,415
WRIGHT, MARTIN JOHN 2,601,581
WRIGHT, PETER 2,705,933
WU, HONGYU 2,574,658
WU, JIANG-PING 2,577,446
WU, LIFEN 2,577,446
WU, SIU-WAI 2,421,794
WU, XINGWEI 2,371,760
WU, YUNHUI 2,588,445
WYETH HOLDINGS CORPORATION 2,285,241
WYSS, SAMUEL 2,559,564
XELLIA PHARMACEUTICALS APS 2,598,565
XENOPORT, INC. 2,568,632
XEROX CORPORATION 2,732,961
XIANG, JIA-NING 2,568,632
XIONG, ZHAOMING 2,577,446
XU, WEIZHENG 2,595,290
YAHATA, KAZUTAKA 2,678,132
YAMADA, KEIICHI 2,577,341
YAMADA, RYU 2,622,853
YAMAGUCHI, TAKESHI 2,678,132
YAMAGUCHI, YOSHITAKA 2,717,938
YAMAHARA, DAISUKE 2,679,816
YAMAMOTO, NOBUKO 2,244,403
YAMAMOTO, YUJI 2,627,598
YAMASHITA, KIICHI 2,597,357
YAMAUCHI, KENJI 2,433,320
YAMKA, RYAN MICHAEL 2,607,643
YANG, CHANG ZHENG 2,557,042
YANG, KE 2,647,864
YANG, MINGJUN 2,704,881
YANG, TAHUA 2,540,028
YANG, ZHONGPING 2,704,962
YANO, MAKIO 2,747,424
YAO, JIANSHENG 2,583,147
YASHIMA, YOSHIYUKI 2,676,709
YASUGI, AKIRA 2,697,236
YASUGI, AKIRA 2,731,658
YEDA RESEARCH AND DEVELOPMENT CO., LTD. 2,702,437
YEE, KINGMAN 2,570,151
YETTER, KELLEY E. 2,682,069
YI, PATRICK 2,584,865
YOAKIM, ALFRED 2,587,258
YOGANATHAN, AJIT P. 2,669,195
YONEKUBO, SHIGERU 2,588,963
YOO, JAE HYUN 2,703,030
YORIOKA, NORIAKI 2,506,704
YORK, JENNIFER JOY 2,214,453
YORKE, THOMAS 2,729,265
YORKE, THOMAS 2,729,266
YOSHIDA, MAKOTO 2,577,341
YOSHII, HIROSHI 2,622,853
YOSHIKAWA KOGYO CO., LTD. 2,716,920
YOSHINO KOGYOSHO CO., LTD. 2,712,043
YU, CHEUNG HOI 2,495,520
YUM, SU IL 2,583,642
ZAKHAROV, VALERY VLADIMIROVITCH 2,417,567
ZAMORA, MARIO 2,703,741
ZANICHELLI, LUCA 2,543,271
ZENITH OILFIELD TECHNOLOGY LIMITED 2,677,881
ZEUN, RONALD 2,573,661
ZF WIND POWER ANTWERPEN NV 2,645,526
ZHANG, HAITING 2,727,976
ZHANG, JIE 2,595,290
ZHONG, JUNTAO 2,727,976
ZHOU, CINDY X. 2,568,632
ZHOU, KE 2,732,961
ZHU, XIAO 2,597,367
ZHU, YONG HUA 2,557,042
ZHURAVLEV, GERMAN ALEXANDROVICH 2,611,328
ZIARNO, JAMES J. 2,580,658
ZIERENBERG, BERND 2,502,502
ZIMMER, VOLKER 2,532,441
ZINKOWSKI, VIRGINIA H. 2,301,700
ZOTEFOAMS PLC. 2,563,933
ZOU, QIUZHEN 2,726,149
ZTE CORPORATION 2,747,284
ZWARTZ, EDWARD G. 2,732,961

# Index of Canadian Applications Open to Public Inspection

**June 9, 2013 to June 15, 2013**

# Index des demandes canadiennes mises à la disponibilité du public

**9 juin 2013 au 15 juin 2013**


2308479 ONTARIO LIMITED 2,798,636
ADAMS MFG. CORP. 2,798,393
ADAMS, NEIL PATRICK 2,794,850
ADAMS, WILLIAM E. 2,798,393
ADAMS, WILLIAM E., IV 2,798,393
ADAPT-EZE SAFETY PRODUCTS LTD. 2,798,738
AFTON CHEMICAL CORPORATION 2,810,482
AHMED, SHAKIL 2,798,379
AIRBUS OPERATIONS LIMITED 2,797,715
AIRBUS OPERATIONS SAS 2,798,046
AIRBUS OPERATIONS SAS 2,798,062
AIZENFELD, AMRAM 2,798,716
AIZENFELD, AMRAM 2,798,729
ALTMANN, ANDRES CLAUDIO 2,798,305
AMACHER, BRIAN ALLEN 2,785,149
AMALRIC, JOEL 2,798,293
ANIDJAR BELILTY, NAFTALI 2,799,458
APPLE INC. 2,791,432
AQUILINA, ANTHONY GEORGE 2,798,406
ARANYI, ERNEST 2,795,568
ARDAH, BASEM A. 2,798,720
ARNETT, JAMES I., II 2,794,924
ARRUDA, PATRICE 2,791,027
ARTEAGA-KING, ALONSO 2,798,409
ATLANTIS RESEARCH LABS INC. 2,761,484
AYYASAMY, RAVI 2,798,720
BALSAMO, FRANCESCO 2,798,275
BARBANENTE, MICHAEL 2,798,689
BAYLEY, ROBERT D. 2,798,290
BEHRENDT, JASPER 2,798,414
BELL HELICOPTER TEXTRON INC. 2,794,228
BELL HELICOPTER TEXTRON INC. 2,794,805
BELL HELICOPTER TEXTRON INC. 2,798,339
BELL HELICOPTER TEXTRON INC. 2,798,673
BELLEROSE, MICHEL 2,783,424
BERNADET, PHILIPPE 2,798,046
BERNADET, PHILIPPE 2,798,062
BIAS, LARRY S. 2,798,175
BIAS, LARRY S. 2,798,177
BIAS, LARRY S. 2,798,179
BIAS, LARRY S. 2,798,283
BIAS, LARRY S. 2,798,356
BIAS, LARRY S. 2,798,400
BIAS, LARRY S. 2,798,415
BIOSENSE WEBSTER (ISRAEL), LTD. 2,798,305
BIOSENSE WEBSTER (ISRAEL), LTD. 2,798,786
BISHOP, STEPHEN K. 2,798,673
BISSAH, KOFI 2,798,836
BISSAH, KOFI 2,798,838
BLASKOVICH, PHILIP 2,795,713
BLIXT, PER 2,796,715
BLUE, WILLIAM 2,798,194
BOBSEIN, BARRETT R. 2,795,088
BOS, JEFFREY CHARLES 2,798,340
BOURGEOIS, MARTIN 2,783,424
BRANCHETTI, VINCENZO 2,798,275
BRAUN, UWE 2,798,462
BROOKSBY, GLEN WILLIAM 2,797,454
BROWN, MICHAEL S. 2,795,428
BRUCE, WALLACE 2,796,723
C.R.F. SOCIETA CONSORTILE PER AZIONI 2,786,889
CABELA'S INCORPORATED 2,798,244
CALVO, ENCARNACION GONZALEZ 2,800,035
CARLINI, RINA 2,798,108
CARLINI, RINA 2,798,842
CARLINI, RINA 2,798,913
CARROLL, JOSEPH B. 2,810,482
CARTER, SALLY 2,795,568
CARTER, SALLY 2,795,678
CARTER, SALLY 2,795,786
CARTER, SALLY 2,796,524
CASASANTA, THOMAS, JR. 2,795,678
CASASANTA, THOMAS, JR. 2,796,524
CASTILLO, DANIEL 2,798,175
CASTILLO, DANIEL 2,798,177
CASTILLO, DANIEL 2,798,179
CASTILLO, DANIEL 2,798,283
CASTILLO, DANIEL 2,798,356
CASTILLO, DANIEL 2,798,400
CASTILLO, DANIEL 2,798,403
CASTILLO, DANIEL 2,798,415
CGGVERITAS SERVICES SA 2,798,776
CGGVERITAS SERVICES SA 2,798,794
CGGVERITAS SERVICES SA 2,798,805
CHACON, RICHARD 2,796,723
CHANDANA, PRATAP 2,798,720
CHAUDRY, SAJIDA 2,811,582
CHEEDELLA, SHIVA K. K. 2,798,720
CHO, BYOUNG-WOO 2,797,381
CHOI, YUN SEOK 2,783,099
CHRISTIAN, EARL, JR. 2,798,194
CHUONG, CONWAY 2,797,984
CITTADINO, KYLE 2,792,619
CLEVELAND, CHRISTOPHER S. 2,810,482
COLE, ERIC V. 2,782,352
COMCAST CABLE COMMUNICATIONS, LLC 2,798,843
COMPTON, BRADY A. 2,794,924
CONFLUENT SURGICAL, INC. 2,795,713
CONTINI, ELIZABETH M. 2,795,678
COURTNEY, SEAN ALEXANDER 2,797,353
COVIDIEN LP 2,795,568
COVIDIEN LP 2,795,678
COVIDIEN LP 2,795,786
COVIDIEN LP 2,795,839
COVIDIEN LP 2,796,524
COVINGTON, LARRY 2,798,663
CRAWFORD, JONATHAN 2,798,676
CRIPPS, GLEN 2,793,845
CROSBY, JUSTIN DERRY 2,791,432
CRUMP, MARK J. 2,795,622
CZYZEWSKI, PETER 2,797,352
D.D. WILLIAMSON & CO., INC. 2,797,987
DAHL, CHRISTOPHER ALAN 2,785,149
DAVIS, DEWAYNE 2,798,194
DEGUDENT GMBH 2,796,762
DEL BIANCO, MASSIMO 2,798,379
DELAHAYE, ROMAIN 2,798,046
DELAHAYE, ROMAIN 2,798,062
DELOO, LORI VAN 2,797,523
DEMARS, JASON ROBERT 2,785,149
DIEHL, FABRICE 2,798,647
DIFULGENTIZ, BOBBY 2,798,175
DIFULGENTIZ, BOBBY 2,798,177
DIFULGENTIZ, BOBBY 2,798,179
DIFULGENTIZ, BOBBY 2,798,283
DIFULGENTIZ, BOBBY 2,798,356
DIFULGENTIZ, BOBBY 2,798,400
DIFULGENTIZ, BOBBY 2,798,415
DILORENZO, JOHN 2,798,443
DINKELMEYER, CHRISTOF 2,800,035
DIX, GORDON R. 2,791,432
DOUGHTY, ROGER LEE 2,798,307
DOZIER, STEVEN W. 2,797,900
DRAPER, ALAN S. 2,793,202
DUCKER, GARY 2,762,419
DUELM, SHELTON O. 2,797,984
DUFAY, LUDOVIC 2,798,465
DUGERIE, MARC 2,798,046
DUGERIE, MARC 2,798,062
DUGUAY, MONIQUE 2,799,521
EARNSHAW, ANDREW MARK 2,794,862
EARTH ALIVE CLEAN TECHNOLOGIES INC. 2,762,056
ELUARD, GILLES 2,798,600
ENDRESS+HAUSER WETZER GMBH+CO. KG 2,798,379

# Index des demandes canadiennes mises à la disponibilité du public
# 9 juin 2013 au 15 juin 2013


EPHRATH, YARON 2,798,305
ERNESTO, LUIS 2,800,035
ESBENSEN, THOMAS 2,798,749
EUROCOPTER 2,796,355
EVENOR, ERIC 2,798,465
EWANCHUK, ANDREW JOHN 2,790,529
EXPANDER ENERGY INC. 2,809,503
EXXONMOBIL CHEMICAL PATENTS INC. 2,794,924
FARRUGIA, VALERIE M. 2,798,404
FERLATTE, JOHN CHARLES 2,798,298
FERRARA, VINCENT 2,797,170
FIFE, JAKE 2,782,352
FITZGIBBON, JAMES J. 2,798,409
FLEETWOOD GROUP, INC. 2,798,829
FOX, ANDREW 2,798,636
FOX, RYAN 2,798,636
FRANCOTYP-POSTALIA GMBH 2,797,331
FRANK, DAVID 2,798,601
FRANKS, MICHAEL JOHN 2,798,307
FUERSTENBERG, ZACK 2,797,523
GALLAI, JOZSEF 2,798,281
GARDNER, SCOTT R. 2,798,194
GE AVIATION SYSTEMS LLC 2,797,985
GENERAL ELECTRIC COMPANY 2,797,454
GENERAL ELECTRIC COMPANY 2,798,271
GENERAL ELECTRIC COMPANY 2,798,281
GENERAL ELECTRIC COMPANY 2,798,307
GENERAL ELECTRIC COMPANY 2,798,309
GESTION D'EQUIPEMENTS B.T. INC. 2,783,424
GETTINGER, JONATHAN DAVID 2,793,114
GILMOUR, DAVID 2,762,056
GIUSTI, DAVID 2,795,713
GIUSTI, ENRICO 2,797,235
GOVARI, ASSAF 2,798,305
GRANDIN, THOMAS G. 2,783,099
GREEN, RON 2,793,289
GREENLEE TEXTRON INC. 2,797,352
GRIFFIN, MAURICE 2,798,339
GRILLI, MARCO 2,797,235
GRION, SERGIO 2,798,794
GUSAROV, SERGEY 2,798,404
GUSTAFSON, RYAN CHEANEY 2,797,166
HACHENBERG, JOERG 2,796,762
HADLEY, PAUL 2,797,715
HAGEMANN, BENJAMIN 2,798,414
HALLER, MITCHELL E. 2,798,382
HANSEN, LAWRENCE W. 2,797,456
HANSEN, MARTIN W. 2,793,201
HANTEL, ULRICH 2,797,331
HARE, SHANE 2,798,244
HART, JACOB J. 2,798,673
HARTOUMBEKIS, ELIAS 2,795,839
HASSMANN, CHRISTIAN 2,798,904
HAVARD, HAROLD G., JR. 2,797,520
HERNANDEZ, FRACISCO J. V. 2,798,838
HERNANDEZ, FRANCISCO J. V. 2,798,836
HILLIER, PETER MATTHEW 2,791,027
HILSCH, MICHAEL 2,798,414
HILTI AKTIENGESELLSCHAFT 2,792,382
HILTI AKTIENGESELLSCHAFT 2,798,027
HISLOP, ARTHUR 2,795,568
HISLOP, ARTHUR 2,796,524
HOCHSTETLER, WILLIAM SHANE 2,798,194
HODGKINSON, GERALD 2,795,568
HODGKINSON, GERALD 2,796,524
HOEGH, GUSTAV 2,798,749
HOFFMANN, NORBERT 2,798,414
HOLDEN, DANIEL 2,798,843
HOLT, JOHN TIMOTHY 2,798,666
HONEYWELL ASCA INC. 2,798,676
HOUIS, NICOLAS 2,798,414
HU, CHARLES Y. 2,793,202
HUGUES, FRANCOIS 2,798,647
HUNG, DER-KAI 2,797,520
HUNTER AUTOMATED MACHINERY CORPORATION 2,790,397
HUNTER, WILLIAM GARY 2,790,397
HYDRIL USA MANUFACTURING LLC 2,797,166
IFP ENERGIES NOUVELLES 2,798,647
IMPARATO, ENZO 2,797,235
ISRAELS, KYLE A. 2,798,829
IZAWA, HIDEO 2,798,721
JACKSON, RONALD E. 2,782,080
JAULAIN, YVES 2,798,207
JEWELL, TERRY D. 2,797,520
JIN, KI HO 2,798,311
JOHANSSON, CARL-ALVAR 2,796,715
JOHN BEAN TECHNOLOGIES AB 2,796,715
JOHNS MANVILLE 2,798,904
JOHNSON, MARTIN E. 2,791,432
JOKIC, GORDON 2,762,419
KAMAT, SHEKHAR SHRIPAD 2,797,518
KANDULA, RAMU 2,798,720
KARSTEN MANUFACTURING CORPORATION 2,782,352
KEMP, MATTHEW L. 2,798,194
KENWORTHY, MICHAEL THOMAS 2,797,518
KHANNA, RAJEEV 2,798,310
KIRCHHOFF, TIMM 2,794,354
KIRMA, YANIV 2,798,729
KMIECIK-LAWRYNOWICZ, GRAZYNA E. 2,798,290
KOBERG, JAMES JEROME 2,785,149
KOBRYN, ALEXANDER 2,798,404
KODIAK NETWORKS, INC. 2,798,720
KOEDERITZ, WILLIAM LEO 2,798,378
KOPECEK, JOSEPH THOMAS 2,797,985
KOSAMANA, BHASKARA 2,797,301
KOVALENKO, ANDRIY 2,798,404
KRESNYAK, STEVE 2,809,503
KRISHNA, RAMAKRISHNAN 2,798,749
KRISHNAMOORTHY, SRINIVASAN 2,801,045
KRONES AG 2,794,354
KUMAR, RAVI SHANKAR 2,798,720
KUNDU, GORACHAND 2,798,720
KYLE, DONALD 2,808,822
KYSOR PANEL SYSTEMS DIVISION OF WELBILT WALKINS, LP 2,798,726
LAFOREST, LUC 2,761,484
LAMSON, KYLE 2,797,170
LAUSTSEN, SOREN 2,783,099
LAYE, JEROME 2,797,613
LAZAR, STEVEN C. 2,798,403
LEBLANC, KIM A. 2,796,479
LEBLOND, HENRI 2,798,207
LECOURTIER, GILBERT 2,798,465
LEGER, KENWYN M. 2,794,924
LENNOX INDUSTRIES INC 2,798,400
LENNOX INDUSTRIES INC. 2,797,520
LENNOX INDUSTRIES INC. 2,798,175
LENNOX INDUSTRIES INC. 2,798,177
LENNOX INDUSTRIES INC. 2,798,179
LENNOX INDUSTRIES INC. 2,798,283
LENNOX INDUSTRIES INC. 2,798,356
LENNOX INDUSTRIES INC. 2,798,403
LENNOX INDUSTRIES INC. 2,798,415
LES LABORATOIRES SERVIER 2,798,549
LEVI, MOSHE 2,798,716
LEVI, MOSHE 2,798,729
LEVY, AVI 2,798,716
LEVY, AVI 2,798,729
LIEGEOIS, PIERRE-YVES 2,798,465
LIEVEN, PATRICK 2,798,046
LIEVEN, PATRICK 2,798,062
LIPPUNER, RALPH 2,798,027
LIQUID DYNAMICS CORPORATION 2,795,622
LITTLE, HERBERT ANTHONY 2,797,353
LIU, SHUBAO 2,797,454
LUHADIYA, ASHOK 2,797,987
MAKEIFF, DARREN 2,798,842
MAKEIFF, DARREN 2,798,913
MANDL, JEFFREY ANTON 2,798,738
MANG, MARK E. 2,798,290
MARCOVECCHIO, VINCENZO KAZIMIERZ 2,788,051
MARCUCCI, DANIELE 2,797,229
MARION, MARIE-CLAIRE 2,798,647
MARLOW, THOMAS JAMES 2,761,945
MARTELL, TIMOTHY J. 2,811,284
MATTHEWSON, RANDALL 2,793,202
MAVURI, RAJESH 2,797,301
MAY, DARRELL REGINALD 2,790,529
MCNEIL-PPC, INC. 2,798,836
MCNEIL-PPC, INC. 2,798,838
MENDONCA, PAULO RICARDO DOS SANTOS 2,797,454
MERDES, ANNETTE 2,798,549
MERHAR, THOMAS 2,798,027
MERSLACK, CLINTON BRADELY 2,798,738

# Index of Canadian Applications Open to Public Inspection
## June 9, 2013 to June 15, 2013


MESSIER-BUGATTI-DOWTY 2,798,465
MESSIER-BUGATTI-DOWTY 2,798,600
MESSIER-BUGATTI-DOWTY 2,798,601
MEUNIER, JULIEN 2,798,776
MIALHE, CHRISTOPHE 2,798,046
MIESSE, ANDREW 2,795,678
MILANI, GIULIANO 2,797,229
MINELLI, FRED L. 2,798,726
MINER ENTERPRISES, INC. 2,797,456
MINETEC S.A. 2,798,174
MIRMANAS, LEON 2,799,458
MITEK HOLDINGS, INC. 2,798,903
MITEL NETWORKS CORPORATION 2,791,027
MITEL NETWORKS CORPORATION 2,791,031
MITEL NETWORKS CORPORATION 2,791,034
MIYAKOSHI PRINTING MACHINERY CO., LTD. 2,798,721
MLAMBO, GABAZA B. 2,798,175
MLAMBO, GABAZA B. 2,798,177
MLAMBO, GABAZA B. 2,798,179
MLAMBO, GABAZA B. 2,798,283
MLAMBO, GABAZA B. 2,798,356
MLAMBO, GABAZA B. 2,798,400
MLAMBO, GABAZA B. 2,798,415
MOFFAT, KAREN A. 2,798,108
MOFFAT, KAREN A. 2,798,404
MONDEN, THOMAS 2,792,382
MORISHITA, MICHAEL KAI 2,791,432
MUDRA, ISTVAN 2,798,281
MUELLER, MANFRED 2,798,462
MUHL, WOLFGANG 2,797,331
MUNOZ, URIEL FERNANDO 2,800,035
MURRAY, JAMES SCOTT 2,797,525
MYERS, STEVEN FRANKLIN 2,796,862
NAGY, LASZLO 2,798,281
NARAYANAN, ANAND 2,798,720
NARENDRANATHAN, SHIBU 2,798,720
NATIONAL OILWELL VARCO, L.P. 2,798,378
NATIONAL RESEARCH COUNCIL OF CANADA 2,798,404
NATIONAL RESEARCH COUNCIL OF CANADA 2,798,842
NATIONAL RESEARCH COUNCIL OF CANADA 2,798,913
NEGALAGULI, HARISHA M. 2,798,720
NELSON, BLAIR P. 2,793,202
NELSON, JAMES C. 2,811,611
NEXANS 2,800,035
NIKOLIC, DRAGAN 2,798,404
NISTICA, INC. 2,798,382
NORDLIN, WILLIAM F. 2,797,352
NUOVO PIGNONE S.P.A. 2,797,229
NUOVO PIGNONE S.P.A. 2,797,235
NUOVO PIGNONE S.P.A. 2,797,301
NUOVO PIGNONE S.P.A. 2,798,275
OBEROI, HARINDER S. 2,793,202
OHRI, RACHIT 2,795,713
OLANG, FATEMEH NASSREEN 2,798,797
ORTMANN, AXEL 2,797,331
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,798,797
PAQUES, FERNANDA WIERMANN 2,798,836
PAQUES, FERNANDA WIERMANN 2,798,838
PARABIT SYSTEMS, INC. 2,798,159
PASQUETTAZ, GIORGIO 2,786,889
PATEL, KRISHNAKANT M. 2,798,720
PATEL, NAYAN VINODBHAI 2,798,309
PEER MEDICAL LTD. 2,798,716
PEER MEDICAL LTD. 2,798,729
PEOPLES, MICHAEL DEAN 2,796,862
PEREZ, ERIC M. 2,797,520
PERSCHALL, MARKUS 2,798,414
PHAM, LAN 2,795,713
PICKERING, THOMAS R. 2,798,783
PINEAU, JEAN-PHILIPPE 2,798,207
PIONEER HI-BRED INTERNATIONAL, INC. 2,808,822
POCCIA, JOHN 2,798,836
POCCIA, JOHN 2,798,838
PODDEY, ALEXANDER 2,798,414
POPELKA, DAVID A. 2,794,228
POPP, PETER 2,796,762
PROGRESSIVE FOAM TECHNOLOGIES, INC. 2,798,666
PRUDHOMME-LACROIX, PIERRE 2,796,355
RABASCO, JOHN J. 2,795,088
RANDAZZO, MATTHEW 2,798,689
RANDOLPH, JOSEPH P. 2,798,159
RANGARAJAN, BHARATH 2,811,611
RAUBER, RICHARD E. 2,794,228
RAY, MARK 2,796,723
REBEL, ESTELLE 2,798,776
RESEARCH IN MOTION LIMITED 2,783,099
RESEARCH IN MOTION LIMITED 2,788,051
RESEARCH IN MOTION LIMITED 2,790,529
RESEARCH IN MOTION LIMITED 2,793,845
RESEARCH IN MOTION LIMITED 2,794,067
RESEARCH IN MOTION LIMITED 2,794,850
RESEARCH IN MOTION LIMITED 2,794,862
RESEARCH IN MOTION LIMITED 2,795,428
RESEARCH IN MOTION LIMITED 2,797,353
RESEARCH IN MOTION LIMITED 2,798,340
REYNOLDS, ALEXANDER 2,797,170
ROBERT BOSCH GMBH 2,798,414
ROHM AND HAAS COMPANY 2,795,088
ROSADO, SEBASTIAN PEDRO 2,798,271
ROSSEN, FRANK 2,794,354
RSC MINING (PTY) LTD. 2,798,203
RSC MINING (PTY) LTD. 2,798,265
RULLI, SAMUEL ROSS 2,798,307
SAINCT, HERVE 2,798,293
SALIS, KEITH A. 2,797,456
SANTINI, GREGORY M. 2,793,044
SARH, BRANKO 2,793,202
SCAVONE, MATTHEW 2,790,596
SCHARMANN, NIK 2,798,414
SCHNEIDER ELECTRIC INDUSTRIES SAS 2,797,613
SCHNEIDER ELECTRIC USA, INC. 2,797,900
SCHREINER GROUP GMBH & CO. KG 2,798,462
SCHULZ, DIETER 2,791,034
SCHUTTENBERG, DETLEF 2,798,379
SCIRICA, PAUL A. 2,796,524
SELKEE, THOMAS V. 2,798,786
SETTI, BHARATRAM 2,798,720
SEUL, MATTIAS 2,794,354
SHAPIRO, JASON DAVID 2,798,307
SIEMENS AKTIENGESELLSCHAFT 2,798,749
SIHLER, CHRISTOF 2,798,271
SIMPLEXGRINNELL LP 2,790,596
SINGH, RAVI 2,788,051
SINGH, RAVI 2,794,850
SOLHEIM, JOHN A. 2,782,352
SONG, QI 2,797,454
SORS, AURORE 2,798,549
SOUNDRAPANDIAN, SURIYAPRAKASH 2,791,031
SPELLER, CHARLES 2,798,339
STAFFORD, WILLIAM Y. 2,811,284
STAMP, KIRK L. 2,798,290
STAMPS, FRANK B. 2,794,228
STAMPS, FRANK B. 2,794,805
STEINKE, RUDE 2,796,762
STEVENSON, RICHARD P. 2,795,568
STEVENSON, RICHARD P. 2,795,786
STEVENSON, RICHARD P. 2,796,524
STEYN, JOHANN 2,798,203
STEYN, JOHANN 2,798,265
STREIT, LEON G. 2,808,822
SWEENEY, MAURA A. 2,798,290
SYED, YASSER F. 2,798,843
TAKATA, STEVEN MATTHEW 2,785,149
TAN, ROBERT HONG SENG 2,798,903
TAPUSKA, DAVID F. 2,795,428
TARGET BRANDS, INC. 2,811,284
TARGET BRANDS, INC. 2,811,611
TEODORU, ALEX 2,797,715
TERRENO, ANDREA 2,786,889
THALES 2,798,207
THALES 2,798,293
THE BOEING COMPANY 2,793,044
THE BOEING COMPANY 2,793,114
THE BOEING COMPANY 2,793,201
THE BOEING COMPANY 2,793,202
THE CHAMBERLAIN GROUP, INC. 2,797,525
THE CHAMBERLAIN GROUP, INC. 2,798,409
THEISEN, JENNIFER A. 2,811,284
THOMSEN, DUANE DOUGLAS 2,798,309

THULL, DANIEL 2,798,414
TISDALE, PATRICK R. 2,794,228
TONCHIA, HELENE 2,798,805
TRAFI, MASSIMO 2,798,379
TRAMONTANO, VALENTINO 2,795,713
TROCME-THIBIERGE, CARYN 2,798,549
TRUSKOVSKY, ALEXANDER 2,797,353
TRYSTAR, INC. 2,785,149
UMMINGER, JUERGEN 2,798,904
UNISON INDUSTRIES, LLC 2,796,862
UNISON INDUSTRIES, LLC 2,797,518
UNITED TECHNOLOGIES CORPORATION 2,797,984
UNKNOWN 2,799,458
UREEL, EMIL J. 2,798,829
VACCARO, JOSEPH 2,792,619
VANBESIEN, DARYL W. 2,798,108
VANDER VEEN, RAYMOND PAUL 2,790,529
VELAYUDHAN, ARUN 2,798,720
VEMPATI, BRAHMANANDA R. 2,798,720
VENDT, STEPHEN J. 2,798,175
VENDT, STEPHEN J. 2,798,177
VENDT, STEPHEN J. 2,798,179
VENDT, STEPHEN J. 2,798,283
VENDT, STEPHEN J. 2,798,356
VENDT, STEPHEN J. 2,798,400
VENDT, STEPHEN J. 2,798,403
VENDT, STEPHEN J. 2,798,415
VEREGIN, RICHARD P.N. 2,798,108
VERMA, ABHISHEK SINGH 2,811,611
VICKERY, ETHAN 2,798,663
VISA INTERNATIONAL SERVICE ASSOCIATION 2,797,523
VM PRODUCTS INC. 2,798,663
VONG, CUONG 2,798,108
W-IDEAS NETWORK INC. 2,798,298
WAGENER, JEFFERSON L. 2,798,382
WENG, JIANFENG 2,794,862
WERNER, KURT P. 2,797,984
WESHLER, BENJAMIN 2,811,284
WHIFFEN, JENNIFER 2,795,568
WHIFFEN, JENNIFER 2,795,678
WIINIKKA, MARK 2,798,339
WILKINSON, ROBERT JAMES 2,798,298
WILSON, JAMES 2,797,715
WILT, DONALD E. 2,797,456
WINSETT, BETH A. 2,794,924
WISSEL, IRMGARD 2,796,762
WOELM, DIETER 2,797,331
WOOD, CHRISTOPHER WILLIAM 2,794,067
WOOD, TOMMIE L. 2,794,228
WOSNICK, JORDAN 2,798,404
XENITH, LLC 2,797,170
XEROX CORPORATION 2,798,108
XEROX CORPORATION 2,798,290
XEROX CORPORATION 2,798,404
XEROX CORPORATION 2,798,783
XEROX CORPORATION 2,798,842
XEROX CORPORATION 2,798,913
YAMAZAKI, YUUICHI 2,798,721
YUPOONG, INC. 2,797,381
ZAMORANO JONES, CLAUDIO 2,798,174
ZENITH PRODUCTS CORPORATION 2,792,619
ZHOU, KE 2,798,108
ZOBEL, ERIN L. 2,811,284

# Index of PCT Applications Entering the National Phase

# Index des demandes PCT entrant en phase nationale


3M INNOVATIVE PROPERTIES COMPANY 2,817,214
442 VENTURES, LLC 2,816,872
AALTONEN, OLLI 2,817,182
ABAD, CARLOS 2,816,695
ABBOTT CARDIOVASCULAR SYSTEMS INC. 2,817,057
ABBOTT LABORATORIES 2,816,803
ABBVIE INC. 2,817,093
ABE, KOJI 2,816,994
ABEGGLEN, DANIEL 2,817,275
ABENGOA SOLAR PV INC. 2,816,860
ABLABUTYAN, KARAPET 2,817,007
ABLES, RUSSELL ALEXANDER 2,817,081
ABRA PHARMACEUTICAL SARL 2,817,147
ACCELERON PHARMA INC. 2,817,008
ACHAOGEN, INC. 2,817,211
ACHARD, JEAN-LUC 2,816,930
ADAMI, ROGER C. 2,817,014
ADAMS, JEFFREY KROLL 2,817,202
ADAMS, NEIL 2,816,905
ADKINSON, DANA K. 2,817,251
ADLENS BEACON, INC. 2,816,715
ADVICENNE 2,816,660
AEREO, INC. 2,817,367
AGA MEDICAL CORPORATION 2,816,906
AGGEN, JAMES BRADLEY 2,817,211
AGHASSIAN, DANIEL 2,817,329
AGNEW, GERALD DANIEL 2,817,108
AGRIGENETICS, INC. 2,816,959
AGRO-INDUSTRIE RECHERCHES ET DEVELOPPEMENTS NOM COMMERCIAL : A.R.D. 2,817,027
AGUAYO GONZALEZ, CARLOS R. 2,816,970
AHLSTROM, KARL-JOHAN 2,816,914
AICHER, THOMAS DANIEL 2,816,753
AIME, SILVIO 2,816,948
AINSWORTH, BOBBY JACK 2,817,200
AIRCELLE 2,817,134
AKZO NOBEL CHEMICALS INTERNATIONAL B.V. 2,817,187
AKZO NOBEL COATINGS INTERNATIONAL B.V. 2,817,050
AKZO NOBEL COATINGS INTERNATIONAL B.V. 2,817,126
ALA-RAKKOLA, TANELI 2,817,404
ALBALAT, ALBERTO MARTINEZ 2,816,771
ALBERTA HEALTH SERVICES 2,816,929
ALDRED, DEBORAH LYNNE 2,817,276
ALDRIDGE, JEFFREY L. 2,816,890
ALECTOS THERAPEUTICS INC. 2,816,798
ALEKSANDERSEN, JOSTEIN 2,817,269
ALERS, GLENN 2,816,860
ALEXANDER, PHILIP 2,816,770
ALFA LAVAL CORPORATE AB 2,816,397
ALI, CHERIE F. 2,816,722
ALINGALAN, ROY 2,816,917
ALIPHCOM 2,817,048
ALIPHCOM 2,817,145
ALIPHCOM 2,817,341
ALKON, DANIEL, L. 2,808,660
ALLERGAN INC. 2,817,342
ALLERGAN INDUSTRIE, SAS 2,816,927
ALLISON TRANSMISSION, INC. 2,817,222
ALLOY SURFACES COMPANY, INC. 2,816,408
ALLSTEDT, ROGER 2,816,794
ALSTOM TECHNOLOGIY LTD 2,817,208
ALSTOM TECHNOLOGY LTD. 2,816,654
ALTERGON S.A. 2,817,414
ALTIMAB THERAPEUTICS, INC. 2,817,015
ALVARO, GIUSEPPE 2,817,205
ALZCHEM AG 2,816,725
AMBEKAR, PARITOSH 2,817,194
AMCOL INTERNATIONAL CORPORATION 2,817,075
ANANDAMPILLAI, SHYAM 2,816,823
ANDERSON, CHRISTOPHER B. 2,816,885
ANDERSON, NICHOLAS WILLIAM 2,816,809
ANDERSON, NICHOLAS WILLIAM 2,816,816
ANDERSON, NICHOLAS WILLIAM 2,816,921
ANDERSON, ROBERT J. 2,817,361
ANDRES, BRIAN DAVID 2,817,069
ANIKEEVA, POLINA 2,817,175
ANPAC BIO-MEDICAL SCIENCE CO., LTD. 2,817,283
ANSON, GARRY 2,816,850
AOP ORPHAN PHARMACEUTICALS AG 2,817,177
APICELLA, DANIELE 2,816,756
APLIIQ, INC. 2,815,830
ARAKI, YASUSHI 2,786,027
ARCHER, MATTHEW 2,817,080
ARDEA BIOSCIENCES, INC. 2,817,249
ARGEN-X BV 2,816,745
ARGEN-X BV 2,816,919
ARISTA CEREAL TECHNOLOGIES PTY LTD 2,816,916
ARIZONA CHEMICAL COMPANY, LLC 2,817,152
ARMSTRONG WORLD INDUSTRIES, INC. 2,816,760
ARONOVICH, LIOR 2,817,119
ARRON, JOSEPH R. 2,817,380
ASAI, TAKAHIRO 2,817,356
ASHRAFIAN, HOUMAN 2,816,448
ASHTEKAR, KOUSTUBH D. 2,816,545
ASK CHEMICALS GMBH 2,817,021
ASSISTANCE ET SERVICE SPECIALISE EN INNOVATION SCIENTIFIQUE ET TECHNIQUE (SOCIETE A RESPONSABILITE LIMITEE) 2,817,184
ASSISTANCE PUBLIQUE HOPITAUX DE PARIS 2,816,947
ASTEMAN, PER HENRIK 2,817,022
ASTETE, CARLOS E. 2,816,928
ATIA-GLIKIN, DANA 2,816,789
ATLAS COPCO ROCK DRILLS AB 2,817,087
AUREP DOS, S.L. 2,816,705
AUTIFONY THERAPEUTICS LIMITED 2,817,205
AUZELY, RACHEL 2,817,176
AVERBUCH, DORIAN 2,816,801
AVGI ENGINEERING, INC. 2,816,876
AVISON, EMMA 2,817,363
AXENS 2,816,666
AYRE, RICHARD 2,817,321
AZEVEDO, MAX S. 2,817,296
AZEVEDO, MAX S. 2,817,330
AZURE VAULT LTD. 2,817,220
BAADE, NICO 2,816,964
BAASOV, TIMOR 2,816,789
BACHTEL, CHRISTINE I. 2,816,931
BACK, ALAN B. 2,816,814
BAEK, SUNG HWAN 2,817,000
BAELE, XAVIER 2,817,443
BAGGERMAATSCHAPPIJ BOSKALIS B.V. 2,817,083
BAGUISI, ALEXANDER B. 2,817,362
BAI, YONGHE 2,816,959
BAIDAK, ALEXANDRE A. 2,817,201
BAIDOSSI, MUBEEN 2,816,795
BAK, YEVGENIY 2,817,196
BAKER HUGHES INCORPORATED 2,816,744
BAKER HUGHES INCORPORATED 2,816,823
BAKER HUGHES INCORPORATED 2,817,070

# Index des demandes PCT entrant en phase nationale


BAKER HUGHES INCORPORATED 2,817,076
BAKER HUGHES INCORPORATED 2,817,118
BAL, FREDERIC 2,817,096
BALL, ANDREW T. 2,816,845
BALLEY, RYAN C. 2,816,995
BALTUSSEN, JOZEF JOHANNES MARIA 2,817,050
BANDAK, STEPHEN I. 2,816,834
BANG-ANDERSEN, BENNY 2,817,385
BAO, JUN 2,817,015
BAO, MIN 2,817,216
BAO, ZHIYI 2,817,325
BAR-OR, DAVID 2,817,163
BAR-OR, RAPHAEL 2,817,163
BARLOW, LOUISE MARGARET 2,816,669
BARRERE, STEPHANIE 2,816,827
BARRETT, LOUIS L. 2,817,148
BARRETT, RACHEL REBECCA 2,816,950
BARTEK, ROBERT 2,816,692
BASF CORPORATION 2,816,553
BASF SE 2,816,969
BASF SE 2,817,030
BASF SE 2,817,174
BASHIR, RASHID 2,817,311
BASILICO, CRISTINA 2,816,745
BASILICO, CRISTINA 2,816,919
BASSETT, CLIFF 2,817,016
BASTIGKEIT, THORSTEN 2,817,174
BASU, JOYDEEP 2,817,206
BATTAGLIA, EVY 2,817,082
BATTELLE MEMORIAL INSTITUTE 2,817,099
BAXTER HEALTHCARE S.A. 2,816,575
BAXTER INTERNATIONAL INC. 2,816,575
BAXTER, NATHAN 2,816,760
BAYER INTELLECTUAL PORPERTY GMBH 2,816,772
BAYER INTELLECTUAL PROPERTY GMBH 2,817,287
BAYER INTELLECTUAL PROPERTY GMBH 2,817,312
BAYER INTELLECTUAL PROPERTY GMBH 2,817,317
BAYMA-PECIT, ERIC 2,817,176
BECK, ANDREW 2,816,960
BECKER, HINNERK GORDON 2,817,129
BECKER, HINNERK GORDON 2,817,282
BEDDOE, MARSHALL ALLEN 2,816,886
BEDINI, EMILIANO 2,817,414
BEEUWKES, REINIER 2,817,362
BEHAN, NIALL 2,816,992
BEHRENS, TIMOTHY W. 2,816,805
BELAKHOV, VALERY 2,816,789
BELL HELICOPTER TEXTRON INC. 2,817,089
BELL HELICOPTER TEXTRON INC. 2,817,281
BELL, IAN M. 2,816,974
BELL, IAN M. 2,817,100
BELLIVEAU, NATHAN M. 2,816,925
BEN-MOSHE, MATTI 2,816,795
BEN-SHALOM, AMIR 2,817,116
BENATTAR, ANDRE 2,817,193
BENSON, WILLIAM MERCER 2,817,069
BENTZLER, JEFFREY WALTER 2,817,061
BERBEZY, PIERRE GEORGES LOUIS 2,816,916
BERG, JOHN S. 2,816,993
BERGHAUSEN, JOERG 2,816,810
BERRY, WILLIAM W. 2,816,852
BERTUZZI, IVANOE 2,816,857
BEU, RICHARD 2,817,006
BIALCZAK, SHAWN D. 2,816,908
BINKOWSKI, BROCK 2,817,102
BIO-TERRE SYSTEMS INC. 2,817,160
BIOLASE, INC. 2,816,967
BIOLYPH, LLC 2,817,038
BIOMEDINNOVATIONS, LLC 2,817,234
BIONDI, ANDREA 2,816,857
BIOSURGICAL S.L. 2,816,771
BIOTIE THERAPIES, INC. 2,816,834
BIOTRONIK AG 2,817,450
BISHOP-WISECARVER CORPORATION 2,816,578
BLACK, KEVIN J. 2,816,834
BLACKBURN, ROBERT 2,817,201
BLACKMAN, GORDON 2,817,105
BLACKMAN, MARK P. 2,816,823
BLAGOV, SERGEJ 2,817,320
BLANCHETTE ROCKEFELLER NEUROSCIENCES INSTITUTE 2,808,660
BLOCH, ROGER B. 2,816,931
BLOCKCROSS HOLDINGS, LLC 2,816,905
BLUM, RONALD DAVID 2,817,017
BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE 2,816,928
BOBADILLA, MARIA 2,817,183
BODAY, DYLAN 2,817,125
BODUM, JORGEN 2,817,179
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,816,950
BOEKER, RICARDO 2,817,243
BOELS, GAUTHIER 2,817,105
BOEMER, ULF 2,817,317
BOGARD, TRAVIS AUSTIN 2,817,048
BOGARD, TRAVIS AUSTIN 2,817,145
BOGER, DAVID K. 2,816,863
BOGLE, STUART 2,817,313
BOISGUERIN, PRISCA 2,816,827
BOIVIN, STEVE 2,817,160
BOMER, ULF 2,817,287
BOMER, ULF 2,817,312
BONNAIN, JEAN-CHRISTOPHE 2,817,291
BONVICINI, PAOLO 2,816,846
BOOL,LAWRENCE E. III 2,817,209
BORDIN, EDER MANZINI 2,817,224
BORDYNUIK, JOHN WILLIAM 2,817,359
BORGES, RAFAEL M. 2,816,998
BORN, MAX 2,817,336
BOSSARD, MARY J. 2,816,722
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,816,849
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,817,329
BOT, ARJEN 2,817,276
BOUCHER, YVES 2,817,250
BOUDREAUX, CHAD P. 2,816,888
BOUFFET, OLIVIER 2,816,727
BOURDON, JEAN-CHRISTOPHE 2,816,838
BOUTOUSSOV, DMITRI 2,816,967
BOUTROS, MICHAEL 2,817,331
BOWLES, STEVEN E. 2,817,146
BOWSER, RON 2,817,036
BOYER, PETE A. 2,817,247
BOYLE, FREDERICK P. 2,817,127
BOZA, JULIO 2,817,372
BOZZOLO, MICHELE 2,817,108
BRACCO IMAGING SPA 2,816,948
BRACKEN, SHAWN M. 2,816,764
BRADLEY, MICHELLE 2,817,132
BRADSHAW, ROBERT D. 2,816,823
BRADY, MICHAEL 2,816,692
BRAMMER, MICHAEL A. 2,816,969
BRANAGAN, DANIEL JAMES 2,816,845
BRANETS, LARISA 2,816,931
BRAUN GMBH 2,817,062
BRAY, ALAN V. 2,816,864
BREGULLA, RAINER 2,817,057
BRETHERTON, NEIL 2,817,456
BREUER, VOLKER 2,816,813
BREUER, VOLKER 2,817,117
BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC 2,817,063
BRIGHAM YOUNG UNIVERSITY 2,816,879
BRIGHAM YOUNG UNIVERSITY 2,816,884
BRIGHTROLL, INC. 2,816,886
BRINCH, MARIE 2,817,390
BRINGER, JULIEN 2,816,933
BRODIE, MICHAEL 2,817,215
BRODT, HERBERT F. 2,816,863
BROEKAERT, MARC 2,817,274
BROOKS, DAVID 2,817,294
BROWN, ZARIN 2,817,132
BRUCCOLERI, ALDO 2,817,147
BRUNKEN, JOHN E. 2,817,089
BUCHHEIT, RUDOLPH 2,817,203
BUCHSTALLER, HANS-PETER 2,816,896
BUCKLEY, MICHAEL EOIN 2,816,400
BULAN, ANDREAS 2,817,164
BULL, JEFFREY F. 2,817,247
BULL, JEFFREY F. 2,817,361
BULT, WOUTER 2,816,797
BURBIDGE, RICHARD CHARLES 2,816,809
BURBIDGE, RICHARD CHARLES 2,816,816

# Index of PCT Applications Entering the National Phase


BURBIDGE, RICHARD CHARLES 2,816,921
BURDEN, TIMOTHY L. 2,817,325
BURGER, JAKOB 2,817,320
BURI, MATTHIAS 2,816,733
BURNETT, RYAN S. 2,816,570
BUSBY, MOLLY I. 2,816,718
BUSKE, ROBERT J. 2,816,823
BYEON, JI-YEON 2,816,995
BYERLY, JOHN ANDREW 2,817,222
C-PRO DIRECT LTD 2,817,067
CABOT CORPORATION 2,817,110
CABRERA, RICARDO 2,817,023
CAI, ZHIJUN 2,816,400
CALLIDUS BIOPHARMA, INC. 2,817,011
CAMP, CARL E. 2,817,384
CAMPAGNA, MATTHEW JOHN 2,813,765
CAMPBELL, DONALD L., JR. 2,816,969
CAMPBELL, MEGHAN C. 2,816,834
CANADA, KEITH 2,816,950
CANDELLA, MICHELE L. 2,817,156
CAO, HONGWEI 2,817,263
CARCAMO, ED 2,817,194
CARGOULD, BARRY 2,817,153
CARLSON, DAWN M. 2,817,337
CARUS CORPORATION 2,816,819
CASALE, RALPH 2,817,362
CASTIEL, ISABELLE 2,816,732
CATALYTIC DISTILLATION TECHNOLOGIES 2,817,065
CATERPILLAR INC. 2,817,121
CATERPILLAR SARL 2,816,766
CATERPILLAR SARL 2,817,173
CATRON, KATRINA MARY 2,816,950
CATTARUZZA, ANDREA 2,817,188
CAVENAGH, EDWARD JOHN 2,816,856
CELANESE INTERNATIONAL CORPORATION 2,816,898
CENKO, ANDREW T. 2,817,104
CENTRE NATINAL DE LA RECHERCHE SCIENTIFIQE - CNRS 2,816,827
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S) 2,817,423
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,817,176
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,816,838
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,817,388
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,817,393
CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB) 2,817,135
CENTRE TECHNIQUE DU PAPIER 2,817,423
CERTICOM CORP. 2,813,765
CFS BAKEL B.V. 2,817,280
CHABANNE, HERVE 2,816,933
CHADDER, SARAH J. 2,817,251
CHALBI, AGNES DOMINIKA 2,816,772
CHALTIN, PATRICK 2,817,165
CHAMPION TECHNOLOGIES LTD 2,817,456
CHAN, KWAN CHEE 2,817,370
CHAN, SHAUN SHANG-YUN 2,817,069
CHANG, JIANG 2,816,798
CHANGCHUN INSTITUTE OF APPLIED CHEMISTRY, CHINESE ACADEMY OF SCIENCES 2,817,167
CHANLIAUD, ELISABETH MARIE-ANNE IDA 2,816,916
CHANTHABANDITH, AKIRA 2,816,922
CHAO, QIMIN 2,816,991
CHAOSHUN, HU 2,816,403
CHARLTON, RACHEL 2,816,839
CHARLTON, STEVEN JOHN 2,817,132
CHARYCH, DEBORAH H. 2,816,722
CHAUHAN, VIKASH PAL SINGH 2,817,250
CHECKPOINT A-B-C GMBH 2,816,761
CHEMEL, BRIAN 2,816,978
CHEMLA, MARC-ROBERT 2,817,266
CHEMSPEED TECHNOLOGIES AG 2,817,078
CHEN, BO 2,817,015
CHEN, GRACE 2,817,311
CHEN, MEI 2,816,818
CHENG, CHIEH-FANG 2,816,818
CHENG, XUANHONG 2,817,311
CHEVRON U.S.A. INC. 2,816,403
CHEVRON U.S.A. INC. 2,816,405
CHI SING, EDUARDO 2,816,859
CHIDAMBARAM, AVINASH 2,813,765
CHIPROOT, AVI 2,816,802
CHITRE, KAUSTUBH S. 2,817,342
CHIU, WAI KWUN ROSSA 2,817,370
CHO, JOON-YOUNG 2,817,003
CHOBAN, ERIC R. 2,817,376
CHOBAN, ERIC R. 2,817,378
CHON, ANDREW M. 2,816,843
CHRIST, FRAUKE 2,817,165
CHRISTENSEN, BRITTA 2,817,390
CHRISTOPH, THOMAS 2,816,769
CHRISTOPH, THOMAS 2,816,804
CHUGAI SEIYAKU KABUSHIKI KAISHA 2,817,216
CHUNG, DO HEE 2,817,000
CHUNG, JAE-IL 2,817,192
CHURCH, TIM 2,817,211
CIANNA MEDICAL, INC. 2,816,859
CIMCORP OY 2,817,180
CINTERION WIRELESS MODULES GMBH 2,816,813
CINTERION WIRELESS MODULES GMBH 2,817,117
CISNEROS, ROBERT 2,817,075
CLARK, RICHARD F. 2,817,093
CLARK, SUZANNE 2,817,224
CLARKE, THEIS F. 2,817,110
CLASSON, BRENDAN J. 2,816,799
CLAUDIA, HOFPETER 2,817,130
CLAUSEN, JEFFERY 2,817,120
CLEAN ENERGY FUELS CORP 2,816,975
CLEARY, SCOTT ANDREW 2,817,246
CLOS, ELKE DAVID 2,817,382
CLYDE BERGEMANN GMBH MASCHINEN- UND APPARATEBAU 2,817,023
CMTE DEVELOPMENT LIMITED 2,817,072
CO, VINCENT C. 2,817,212
COATES, DAVID 2,817,116
COBB, JOEY 2,817,243
COCCO, RAYMOND A. 2,816,800
COCHRAN, JENNIFER R. 2,817,197
COHEN, JEFFREY DAVID 2,817,384
COHEN, JEFFREY DAVID 2,817,389
COLEMAN, ROSS 2,816,746
COLGATE-PALMOLIVE COMPANY 2,816,956
COLGATE-PALMOLIVE COMPANY 2,817,046
CONSTITUTION MEDICAL, INC. 2,817,303
CONVATEC TECHNOLOGIES INC. 2,816,861
COOL GEAR INTERNATIONAL, LLC 2,817,042
COOPER, JARED KLINEMAN 2,816,826
COPENHAVER, ROBERT 2,816,950
COPPOLA, GARY MARK 2,817,114
CORNELISSEN, CARSTEN 2,817,021
COSTELLO, LAURIE 2,816,960
COSTEUX, STEPHANE 2,816,937
COTLER, ELLIOT M. 2,816,903
COTTARD, BERNARD 2,816,938
COVIDIEN LP 2,816,801
COVIDIEN LP 2,817,213
COX, IAN 2,816,835
COX, IAN 2,816,839
CPL HOLDINGS PTY LTD 2,817,079
CRANE, ALAN L. 2,817,250
CRAWFORD, THOMAS 2,817,199
CRESCENZO, LINDSAY 2,817,213
CROMIE, KAREN 2,817,132
CULLIS, PIETER R. 2,816,925
CULLY, EDWARD H. 2,817,029
CURAN MEDICAL BV 2,817,010
CURTIN, MICHAEL L. 2,817,093
CYMAN, THEODORE F., JR. 2,817,077
CYTEC TECHNOLOGY CORP. 2,817,201
D'ACHILLE, BERARDINO 2,817,376
D'ACHILLE, BERARDINO 2,817,378
D'AGOSTINO, WILLIAM L. 2,817,036
DADI, ANANTHARAM P. 2,817,297
DAKO DENMARK A/S 2,817,161
DAKTARI DIAGNOSTICS, INC. 2,817,311
DAL ZOT, DAVID 2,817,443
DALBY, CHRISTINA 2,817,002
DALBY, CHRISTINA 2,817,371
DALSIN, JEFFREY L. 2,817,215
DAMBRUOSO, PAOLO 2,817,205
DAMSCHEN, MICHAEL S. 2,816,823

DANNAHER, WILLIAM D. 2,816,888
DANNAHER, WILLIAM D. 2,816,981
DANNAHER, WILLIAM D. 2,816,984
DAO, JAMES 2,816,855
DAO, JEFFREY 2,816,855
DARISSE, IAN J. 2,817,350
DAUM, WOLFGANG 2,816,826
DAVENPORT, GARY MITCHELL 2,817,171
DAVIDIAN, BENOIT 2,817,189
DAVIDSON, GREGORY J.E. 2,817,251
DAVIS, CRAIG T. 2,816,908
DAVISON, NIGEL 2,816,836
DAY, MICHAEL 2,816,814
DAY, TODD MITCHELL 2,817,069
DE CASTRO, CRISTINA 2,817,414
DE HAARD, JOHANNES 2,816,745
DE HAARD, JOHANNES 2,816,919
DE JONGE, NATALIE 2,816,745
DE JONGE, NATALIE 2,816,919
DE JOSEPH, ANTHONY B. 2,817,077
DE MAEYER, MARC 2,817,165
DE OLIVEIRA, EIDER SILVER 2,816,998
DE PAUL, MARGARET, SUSAN 2,817,112
DE ROSA, MARIO 2,817,414
DE SAUSMAREZ LINTELL, DANIEL THOMAS 2,816,806
DE VRIES, CORINNE 2,816,839
DE VRIES, RONALD PETER 2,817,082
DEBYSER, ZEGER 2,817,165
DECKER, ELDON L. 2,817,107
DECOR, ANNE 2,817,205
DEFAY, ROBIN 2,816,783
DEFRANKS, MICHAEL S. 2,817,294
DEFREITAS, KEN 2,817,364
DEISSEROTH, KARL 2,816,968
DEISSEROTH, KARL 2,816,971
DEISSEROTH, KARL 2,816,972
DEISSEROTH, KARL 2,816,976
DEISSEROTH, KARL 2,816,987
DEISSEROTH, KARL 2,816,990
DEISSEROTH, KARL 2,817,175
DEJONCKHEERE, ELINE 2,816,912
DELLI CASTELLI, DANIELA 2,816,948
DELMAR, PAUL 2,817,183
DEMCHEVA, MARINA V. 2,816,999
DEMOPULOS, GREGORY A. 2,817,071
DENG, RONG 2,816,409
DEPPE, DENISE 2,816,864
DESTA, SELAMAWIT TEDESSE 2,816,856
DETERING, JUERGEN 2,817,174
DEUTSCHES KREBSFORSCHUNGSZENTRUM (DKFZ) 2,817,331
DEVAUTOUR, JOEL 2,816,654
DHANANJAY, DIGAMBAR PANDE 2,817,037
DI NOLA, ANNALIDA 2,817,414
DIDOMENICO, ROBERT A. 2,817,350
DIEHL, GREGORY W. 2,816,545
DIELEMAN, CEDRIC 2,817,030
DIETZ, TIMOTHY G. 2,816,885
DIETZ, TIMOTHY G. 2,816,888
DIETZ, TIMOTHY G. 2,816,890
DIETZ, TIMOTHY G. 2,816,908
DIETZ, TIMOTHY G. 2,816,981
DIETZ, TIMOTHY G. 2,816,986
DIGITAL LUMENS INCORPORATED 2,816,978
DILLON, BRIAN 2,816,757
DING, DENIS 2,816,975
DIOP-FRIMPONG, BENJAMIN 2,817,250
DISCH, HARALD 2,817,244
DITMARSEN, SCOTT 2,817,243
DO, HUNG 2,817,011
DOI, MASAKO 2,817,172
DOLBY LABORATORIES LICENSING CORPORATION 2,816,889
DOLE, PATRICE 2,817,027
DOLMAZON, NELLY 2,817,401
DOM, PAUL WHITSON, JR. 2,816,893
DOMBRECHT, BRUNO 2,817,132
DONALDSON, THOMAS ALAN 2,817,048
DONALDSON, THOMAS ALAN 2,817,145
DONEGAN, JAMES J. 2,817,202
DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED 2,817,040
DOUILLET, LUDOVIC ETIENNE 2,816,703
DOW AGROSCIENCES LLC 2,817,243
DOW GLOBAL TECHNOLOGIES LLC 2,816,718
DOW GLOBAL TECHNOLOGIES LLC 2,816,937
DOW TECHNOLOGY INVESTMENTS LLC 2,816,969
DOWNER, BRANDON MATTHEW 2,817,243
DR.HANDEREK, VINCENT 2,816,945
DREAMWELL, LTD. 2,817,294
DREIER, TORSTEN 2,816,745
DREIER, TORSTEN 2,816,919
DRUNSEL, JAN-OLIVER 2,817,320
DRYSDALE, RICHARD LEE 2,817,048
DRYSDALE, RICHARD LEE 2,817,145
DSG INTERNATIONAL LIMITED 2,817,081
DU, XUEDONG 2,817,283
DUCHATEAU-NGUYEN, GUILLEMETTE 2,817,183
DUDEK, SIEGMUND 2,817,053
DUDERSTADT, JACQUELINE MARIE 2,817,261
DUDLEY, PETER G 2,817,351
DUDLEY, PETER G. 2,817,335
DUFRANCATEL, LAURENCE 2,817,027
DULCETTI FILHO, FLAVIO FRANCISCO 2,817,045
DUNNE, PAUL 2,817,286
DUPERRIER, BERNARD 2,816,916
DWYER, MICHAEL S. 2,816,759
E. I. DU PONT DE NEMOURS AND COMPANY 2,817,376
E. I. DU PONT DE NEMOURS AND COMPANY 2,817,378
E. I. DU PONT DE NEMOURS AND COMPANY 2,817,382
E. I. DU PONT DE NEMOURS AND COMPANY 2,817,384
E. I. DU PONT DE NEMOURS AND COMPANY 2,817,389
E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC. 2,817,055
EARNSHAW, ANDREW MARK 2,816,400
EBNER, MARTIN 2,816,725
ECKELT, ANDREAS 2,817,390
ECOLEAN AB 2,817,412
EDELEN, JAMES 2,817,230
EDLINGER, ALFRED 2,817,124
EGAN, WILLIAM 2,816,715
EGIS GYOGYSZERGYAR NYILVANOSAN MUKODO RESZVENYTARSASAG 2,816,952
EIBON, WILLIAM E. 2,816,757
EISENSCHMID, THOMAS C. 2,816,969
EITING, THOMAS 2,817,174
ELDON TECHNOLOGY LIMITED 2,816,920
ELECTRICITE DE FRANCE 2,816,930
ELECTRO-PETROLEUM, INC. 2,817,060
ELECTROLUX HOME PRODUCTS CORPORATION N.V. 2,817,130
ELENZA, INC. 2,817,017
ELI LILLY AND COMPANY 2,816,944
ELI LILLY AND COMPANY 2,817,001
ELLIS, LIAM PATRICK 2,817,079
ENCELL, LANCE P. 2,817,102
ENDOCYTE, INC. 2,817,219
ENDOCYTE, INC. 2,817,223
ENGELEN, DIANA 2,816,772
ENGSTROM, STEFAN 2,816,793
ENSIGN, LAURA 2,816,977
ENZO BIOCHEM, INC. 2,817,202
ERICKSON, RICHARD W. 2,817,380
ERICSSON, PATRIK 2,817,087
ERTA CARRERA, JOSE 2,816,705
ESTRINE, BORIS 2,817,027
ETHICON ENCO-SURGERY, INC. 2,816,985
ETHICON ENDO-SURGERY INC. 2,816,980
ETHICON ENDO-SURGERY, INC. 2,816,853
ETHICON ENDO-SURGERY, INC. 2,816,875
ETHICON ENDO-SURGERY, INC. 2,816,877
ETHICON ENDO-SURGERY, INC. 2,816,878
ETHICON ENDO-SURGERY, INC. 2,816,885
ETHICON ENDO-SURGERY, INC. 2,816,888
ETHICON ENDO-SURGERY, INC. 2,816,890

ETHICON ENDO-SURGERY, INC. 2,816,899
ETHICON ENDO-SURGERY, INC. 2,816,901
ETHICON ENDO-SURGERY, INC. 2,816,908
ETHICON ENDO-SURGERY, INC. 2,816,979
ETHICON ENDO-SURGERY, INC. 2,816,981
ETHICON ENDO-SURGERY, INC. 2,816,982
ETHICON ENDO-SURGERY, INC. 2,816,984
ETHICON ENDO-SURGERY, INC. 2,816,986
ETHICON, LLC 2,817,036
ETTL, ROLAND 2,817,174
EUROPE METAL CONCEPT - EMC 2,816,831
EVANS, KEVIN 2,816,736
EVO ELECTRIC LIMITED 2,817,064
EVONIK DEGUSSA GMBH 2,817,264
EVONIK OXENO GMBH 2,817,129
EVONIK OXENO GMBH 2,817,282
EWING, BRANDON 2,817,204
EWING, CARREL W. 2,817,204
EXOSOME DIAGNOSTICS, INC. 2,817,111
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,817,381
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,816,931
F. HOFFMANN-LA ROCHE AG 2,816,829
F. HOFFMANN-LA ROCHE AG 2,817,133
F. HOFFMANN-LA ROCHE AG 2,817,183
F. HOFFMANN-LA ROCHE AG 2,817,216
FAGLEY, WALTER STONE THOMAS, IV 2,814,239
FAIRMAN, BRIAN 2,816,863
FALCON, SARA 2,817,284
FAM, RENATA 2,817,014
FAN, LIANG-SHIH 2,816,800
FAND, AARON 2,817,364
FARAHANI, FARHAD 2,816,889
FARMER, KELLY 2,817,364
FASTREZ, SEBASTIEN 2,817,105
FAULKNER, DONALD G. 2,817,234
FAURE, HELENE 2,817,388
FAURE, HELENE 2,817,393
FAURECIA INTERIEUR INDUSTRIE 2,817,027
FEDELI, FRANCO 2,816,948
FEI, MINGBIAO 2,816,814
FELDMAN, YORAM 2,816,955
FEMASYS INC. 2,817,296
FEMASYS INC. 2,817,330
FENNO, LIEF 2,816,968
FENNO, LIEF 2,816,971
FENNO, LIEF 2,816,990
FERGUSON, SAMUEL M. 2,817,243
FERNANDO, FELIX 2,817,266
FERNANDO, JOSEPH A. 2,816,880
FERNANDO, JOSEPH A. 2,816,882
FERNANDO, JOSEPH A. 2,816,924
FERRARI, LORENZO 2,817,251
FESTJENS, ELS 2,816,745
FESTJENS, ELS 2,816,919
FIELD, CHISTOPHER 2,816,909
FILLENWORTH, TRENT ALLEN 2,817,019
FILTRONA FILTER PRODUCTS DEVELOPMENT CO. PTE. LTD 2,816,917
FINDLAY, JOHN G. 2,816,800
FINISH SYSTEMS INTERNATIONAL, LLC 2,816,572
FISHER CONTROLS INTERNATIONAL LLC 2,816,407
FLAHERTY, J. CHRISTOPHER 2,817,350
FLASH ROCKWELL TECHNOLOGIES, LLC 2,816,574
FLEURY, MELISSA 2,817,368
FLEX-CABLE 2,817,095
FLODESIGN WIND TURBINE CORP. 2,816,723
FLOHR, ALEXANDER 2,816,829
FLOHR, ANDREAS 2,816,735
FLUCHEL, DONALD G. 2,816,828
FLUOR TECHNOLOGIES CORPORATION 2,816,988
FMC TECHNOLOGIES INC. 2,816,960
FOCASSIO, PAULO 2,816,956
FODORNE KOCSMAR, KRISZTINA 2,816,952
FOLEY, EDAN 2,816,929
FONG, MO-HAN 2,816,400
FONTANA, JOSE EDER 2,816,956
FONTIGNIE, JACQUES 2,817,109
FORBERT, RAINALD 2,817,285
FORD, CARTER 2,816,905
FORD, PRESTON 2,816,905
FORMAN, TODD 2,817,224
FOSNAUGH, KATHY L. 2,817,014
FOTECH SOLUTIONS LIMITED 2,816,945
FOWLER, KEVIN C. 2,817,068
FRALEY, MARK E. 2,816,974
FRALEY, MARK E. 2,817,100
FRANCKHAUSER, ANDREW WILLIAM 2,817,069
FRANK, ROBERT 2,816,769
FRANK, ROBERT 2,816,804
FRASER, DAVID A. 2,816,949
FRAZIER, JASON 2,816,883
FREEMER, MICHELLE 2,817,380
FREGO, LEE EDWARD 2,816,950
FRENCH, MARIA 2,817,126
FRENNEAUX, MICHAEL PAUL 2,816,448
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,817,148
FRIEDERICHS, WOLFGANG 2,816,772
FRIEDLANDER, STEVEN 2,816,724
FRIEND, WILLIAM D., JR. 2,814,239
FRIESEN, ALDEN DALE 2,816,856
FRORMANN, SVEN 2,816,804
FRULAND, BENJAMIN 2,817,213
FRYMAN, JAMES CRAIG 2,817,207
FTD HIGHRISE INSPECTION INC. 2,817,149
FUCHS, FLORIAN 2,817,331
FUJIMOTO, YASUHIRO 2,817,172
FUJITA, YASUTAKA 2,817,172
FULLAM, SCOTT 2,817,048
FULLAM, SCOTT 2,817,145
FULLER, ANDREW 2,817,226
FURRER + FREY AG 2,816,756
FURRER, BEAT 2,816,756
G.D. SOCIETA' PER AZIONI 2,816,857
GAEDT, TORBEN 2,817,174
GAI, XIULI 2,816,931
GAITANARIS, GEORGE A. 2,817,071
GALE, SIMON 2,817,195
GALLICCHIO, STEVEN N. 2,816,974
GALLICCHIO, STEVEN N. 2,817,100
GALLUP, COURTNEY 2,817,243
GALVIN, GABRIEL 2,817,249
GAMPER, HOWARD B. 2,817,218
GANE, PATRICK A.C. 2,816,733
GAO, ALLEN CHUAN 2,816,855
GARCIA-LOPEZ DE VICTORIA, MARIELIZ 2,816,695
GARCIA-RODENAS, CLARA LUCIA 2,817,407
GARVEY, CHAD E. 2,816,880
GARVEY, CHAD E. 2,816,882
GARVEY, CHAD E. 2,816,924
GARVEY, ZACHARY 2,817,213
GAUTHIER, MICHEL 2,817,058
GAYRAL CHIRAC, MARIE-FRANCOISE 2,817,193
GAZZALEY, ADAM 2,816,910
GEELS, MICHAEL GLENN 2,816,934
GEELS, MICHAEL GLENN 2,816,936
GEISSLINGER, GERD 2,816,911
GELITA AG 2,816,900
GEN-PROBE INCORPORATED 2,817,101
GENALYTE, INC. 2,816,995
GENDRON, ROLAND 2,817,368
GENENTECH, INC. 2,816,805
GENENTECH, INC. 2,817,216
GENENTECH, INC. 2,817,380
GENERAL ELECTRIC COMPANY 2,816,826
GENERAL ELECTRIC COMPANY 2,816,893
GENTRY, RICHARD S. 2,817,118
GENUNG, SHAWN 2,817,047
GENYOUS BIOMED INTERNATIONAL 2,816,855
GEOENERGY ENTERPRISES, LLC. 2,817,047
GEOFFROY, DENIS 2,817,058
GEORGE, MATHEW 2,817,051
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,816,759
GERBAULET, ARNAUD 2,817,275
GEROLD, BODO 2,817,450
GERWICK, LENA 2,816,855

GERWICK, WILLIAM 2,816,855
GEYER, JOACHIM 2,816,761
GHAYUR, TARIQ 2,816,803
GHOSH, RAJESH 2,816,965
GIBBLE, JOHN 2,816,782
GIESEN-WIESE, MONIKA 2,816,900
GILBERT, DANIEL 2,817,331
GINNETTI, ANTHONY 2,816,974
GINNETTI, ANTHONY 2,817,100
GIRARDET, JEAN-LUC 2,817,249
GLASS, GARETH 2,816,836
GLEESON, MARTIN ANTHONY 2,816,995
GLICK, GARY D. 2,816,753
GLIMSDALE, MATHIAS C. 2,816,906
GOBBI, LUCA 2,816,829
GODEHARDT, HORST 2,817,130
GOJO INDUSTRIES, INC. 2,816,858
GOJO INDUSTRIES, INC. 2,817,080
GOLIN, MICHAEL 2,817,294
GONZALES MENDEZ, LUIS OMAR 2,817,261
GONZALEZ, YAMAIRA 2,817,384
GOOGLE INC. 2,814,007
GOOGLE INC. 2,816,842
GOOGLE INC. 2,816,847
GOOGLE INC. 2,816,998
GOOGLE INC. 2,817,103
GOOGLE INC. 2,817,340
GOOGLE INC. 2,817,345
GOROJANKINA, TATIANA 2,817,388
GOROJANKINA, TATIANA 2,817,393
GOSHEN, INBAL 2,816,972
GOSSWEILER, RICHARD C. III 2,816,842
GOULD, CHRISTOPHER BRITTON 2,816,849
GRAHAM, ROBERT R. 2,816,805
GRANIER, LUC-ANDRE 2,816,660
GRANT, MARSHALL 2,817,337
GRASS, MICHAEL 2,817,129
GRASS, MICHAEL 2,817,282
GRASSO, LUIGI 2,816,991
GREDAT, SIMON 2,816,841
GREEN, STEPHEN 2,817,203
GREEN, STEPHEN M. 2,816,863
GREEN, SUSAN 2,817,121
GREENE, THOMAS W. 2,816,959
GREENHALGH, PHILIP 2,817,226
GREGORY, PHILIP D. 2,817,355
GRENDA, JEFFREY M. 2,817,381
GRENLEY, MARC 2,816,883
GRIFFIN, DAVID C. 2,816,545
GRIGORIEV, VLADIMIR 2,817,004
GRIMES, JOEL R. 2,817,121
GRIMM, MARK 2,816,565
GROEBKE ZBINDEN, KATRIN 2,816,829
GROH, DAVID MATTHEW 2,817,069
GROHMANN, ELISABETH 2,816,913
GROSET, ERIK 2,816,783
GROSPRETRE, PATRICK 2,816,841
GRUBER, EMILY KATE 2,815,830
GRUBER, GERHARD 2,817,096
GRUBER, HARRY E. 2,816,570
GRUBER, HARRY EDWARD 2,815,830
GRUENENTHAL GMBH 2,816,769
GRUENENTHAL GMBH 2,816,804
GRUNDLEHNER, GERRIT JAN 2,817,083
GU, BEN 2,817,046
GU, JIJIE 2,816,803
GUANGZHOU ORTUS PHARMACEUTICAL TECHNOLOGY CO., LT 2,817,405
GUARNERI, JOSEPH J. 2,817,337
GUELLER, ROLF 2,817,078
GUENICHE, AUDREY 2,816,732
GUERIN, DAVID 2,817,423
GUGGENHEIMER, ETHAN 2,817,213
GUILBOT, JEROME 2,817,193
GUILDLINK PTY LTD 2,816,770
GUILFORD, WILLIAM H. 2,816,854
GUILLOUTY, JEAN-LUC 2,817,423
GUITTET, CATHERINE 2,816,660
GUNAYDIN, LISA 2,816,987
GUNN, LAWRENCE C., III 2,816,995
GUNNARSSON, FREDRIK 2,816,793
GUO, YAOJIN 2,816,644
GUSKY, MICHAEL H. 2,817,061
H. LUNDBECK A/S 2,817,385
HAAN, HENDERIKUS A. 2,817,077
HABERSTICH, WELLS D. 2,816,877
HAEGEBARTH, ANDREA 2,817,317
HAFEZ, ISMAIL 2,816,925
HAGEDORN, JASON J. 2,817,121
HAGEN, NORBERT D. 2,817,101
HAGER, DIETMAR 2,817,056
HAIDER, GERHARD 2,817,130
HAJIAN, ARSEN 2,817,104
HALAIS, CHRISTOPHE 2,816,666
HALBERSTADT, CRAIG R. 2,817,206
HALDOR TOPSOE A/S 2,817,272
HALL, DENNIS G. 2,816,929
HALL, MARY 2,817,102
HAMADA, HITOSHI 2,786,027
HAMORI, CSABA 2,816,952
HANAI, NOBUAKI 2,816,688
HANES, JUSTIN 2,816,977
HANS-DIETRICH, POLASCHEGG 2,817,327
HANSEN, CARL LARS GENGHIS 2,816,925
HAPKA, ROGER J. 2,817,254
HARARI, OLIVIER ALFRED 2,817,216
HARDIE, RACHEL L. 2,817,376
HARDIE, RACHEL L. 2,817,378
HAROUD, KARIM 2,816,715
HARRIS, MARIA C. 2,816,803
HARRISON, KYLE 2,817,345
HARROLD, JONATHAN 2,817,044
HARSH, PHILIP 2,817,309
HARSHBERGER, WAYNE E. 2,817,121
HARVIE, PIERROT 2,817,014
HASSAN, MAHMOUD 2,817,046
HASSE, HANS 2,817,320
HATT, LOTTE 2,817,390
HAUKE, STEFAN 2,817,285
HAUSMANNS, STEPHAN 2,816,900
HAVASI, BALAZS 2,816,952
HAYASHI, MASASHI 2,814,072
HAYES, DAVID 2,817,226
HAYMORE, BARRY L. 2,816,961
HAZEBROEK, JAN 2,817,241
HAZEN, MEREDITH 2,817,380
HBGARY, INC. 2,816,764
HEART METABOLICS LIMITED 2,816,448
HEDGES, BRADLEY 2,816,959
HEGEMANN, PETER 2,816,971
HEIL, BENEDIKT 2,817,062
HEINRICH, TIMO 2,816,896
HEINTZ, EWALD 2,817,174
HELLRING, STUART D. 2,817,107
HENKEL AG & CO. KGAA 2,817,174
HEO, YOUN HYOUNG 2,816,400
HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD 2,817,160
HERMAN, STEPHEN J. 2,816,824
HERMANN, ANDREW 2,816,918
HERN, GREGORY L. 2,817,070
HERSHKOWITZ, FRANK 2,817,381
HEUSER, RICHARD R. 2,817,225
HEXAL AG 2,817,336
HEYMAN, HOWARD R. 2,817,093
HILL, SETH 2,816,724
HIRATE, YU 2,817,131
HIRATE, YU 2,817,136
HIRSCH, MICHAEL 2,817,119
HO, PURVIS K. 2,817,065
HODGKINSON, BEN 2,816,850
HOEFLICH, KLAUS P. 2,817,133
HOGAN, JOHN 2,816,574
HOGLUND, MICHAEL G. 2,816,764
HOLE, DAVID PHILIP 2,817,271
HOLE, OVE 2,817,269
HOLMES, MICHAEL C. 2,817,355
HOLOGIC, INC. 2,817,364
HONKANEN, JARNO 2,817,180
HOOK, KEVIN J. 2,817,077
HORIBE, IKUO 2,817,097
HORIUCHI HIROSHI 2,817,347
HOSHI, FUMIKAZU 2,817,190
HOSPICES CIVILS DE LYON 2,816,838
HOUSER, KEVIN L. 2,816,853
HOUSER, KEVIN L. 2,816,875
HOUSER, KEVIN L. 2,816,877
HOUSER, KEVIN L. 2,816,878
HOUSER, KEVIN L. 2,816,888
HOUSER, KEVIN L. 2,816,890
HOUSER, KEVIN L. 2,816,899
HOUSER, KEVIN L. 2,816,901
HOUSER, KEVIN L. 2,816,908
HOUSER, KEVIN L. 2,816,980
HOUSER, KEVIN L. 2,816,981
HOUSER, KEVIN L. 2,816,982
HOUSER, KEVIN L. 2,816,984
HOUSER, KEVIN L. 2,816,986
HOUSTON, MICHAEL E., JR. 2,817,014
HOVLAND, RAGNAR 2,816,949
HOWARD, PHILLIP J. 2,817,243

HOYT, MARK 2,817,036
HSIUNG, DANIEL WEI-TZE 2,816,886
HU, WEIFENG 2,816,963
HUANG, JICAI 2,816,722
HUANG, MIN 2,817,263
HUANG, TIFFANY 2,816,570
HUBER, MICHAELA 2,816,725
HUEBNER, JOHANNES 2,816,913
HUECK RHEINISCHE GMBH 2,817,270
HUFT, JENS 2,816,925
HUGHES, ADAM D. 2,817,368
HUGHES, CHRISTOPHER JOHN 2,817,116
HUJANEN, MERVI 2,817,182
HUJANEN, MERVI 2,817,185
HUJANEN, MERVI 2,817,186
HULTBERG, ANNA 2,816,745
HULTBERG, ANNA 2,816,919
HUNT, JOHN V. 2,816,888
HUNTER, CECIL L. 2,816,399
HUNTSMAN INTERNATIONAL LLC 2,817,274
HURLEY, MICHAEL 2,817,309
HYDROQUEST 2,816,930
HYMEL, JAMES ALLEN 2,816,731
IBASCO, ALEX D. 2,817,212
IBRAHIM, AMENAH 2,816,736
ICHIKI, OSAMU 2,817,098
IKEDA, MASAO 2,817,098
ILLINOIS TOOL WORKS INC. 2,816,856
IN, HYUN JIN 2,816,909
INDUSTRIAL FRIGO S.R.L. 2,816,846
INEOS PARAFORM GMBH & CO. KG 2,817,320
INGRAM, GARY D. 2,814,239
INKIDIA S.R.L. 2,816,808
INOUE, NOBUKO 2,817,347
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) 2,817,027
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,817,109
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,817,119
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,817,125
INTERROLL HOLDING AG 2,817,053
INTERROLL HOLDING AG 2,817,056
INTERTECHNIQUE 2,816,841
INVENTURE RENEWABLES INC. 2,816,852
INVISTA TECHNOLOGIES S.A.R.L. 2,817,009
INVISTA TECHNOLOGIES S.A.R.L. 2,817,018
IRONWOOD PHARMACEUTICALS, INC. 2,817,319
IRVIN, DAVID J. 2,816,864
ISCHEMIX LLC 2,817,362
ISHII, TOSHIHIRO 2,817,190
ITO, AKIKAZU 2,816,994
IVERSEN, PATRICK L. 2,817,090
IVES, JAMES 2,817,286
IVY, SHERYL 2,816,819
IYIGUN, MEHMET 2,817,196
IZAWA, TETSU 2,814,072
JACKSON, MARK J. 2,816,872
JACOBSEN, PREBEN HOLM 2,817,400
JAHREIS, ANGELIKA M. 2,817,216
JAIN, DEEPAK 2,817,206
JAIN, HITESH 2,816,853
JAIN, HITESH 2,816,890
JAIN, HITESH 2,816,984
JAIN, NEEL 2,817,196
JAIN, RAKESH KUMAR 2,817,250
JAKOBSEN, BJARNE KJELD 2,817,400
JANNI, JAMES 2,817,241
JAQUIER, THOMAS 2,816,930
JAUHIAINEN, OLLI 2,817,182
JBI INC. 2,817,359
JENSEN, RONALD 2,817,006
JIA, GUIQUAN 2,817,380
JIANG, PEIYONG 2,817,370
JICHI MEDICAL UNIVERSITY 2,817,172
JING, HUANG HONG 2,816,572
JIRKA, IAN 2,813,601
JOBLIN, YAEL 2,817,135
JOH, RALPH 2,817,285
JOHANN WOLFGANG GOETHE-UNIVERSITAET FRANKFURT AM MAIN 2,816,911
JOHNS, RACHEL E. 2,817,014
JOHNSON, DENNIS W. 2,816,988
JOHNSON, GREGORY W. 2,816,875
JOHNSON, MICHAEL H. 2,816,744
JOHNSTON, RAY L. 2,817,325
JOLLY, DOUGLAS J. 2,816,570
JOMA INTERNATIONAL AS 2,816,795
JONES, ANDREW K. 2,817,309
JONES, DOUGLAS S. 2,817,197
JONES, GILBERT 2,816,701
JONES, KARL 2,817,142
JONES, KARL 2,817,323
JONES, LEIGHTON 2,816,835
JONES, LEIGHTON 2,816,839
JONES, OWAIN 2,817,142
JONES, OWAIN 2,817,323
JONES, TIMOTHY J. 2,817,095
JONSSON, BENGT 2,817,412
JONSSON, DAN 2,817,087
JORDAN, MARYANN 2,816,855
JORKAMA-LOPEZ, TOMAS 2,817,404
JOSEPH, SAJAN 2,816,944
JOSHI, RAJAN LAXMAN 2,817,360
JOSIAM, KAUSHIK 2,817,314
JUCHLI, DANIEL 2,817,078
JUD, DANIEL 2,816,926
JUDD, DAVID 2,816,824
JUDGE, JOSHUA M. 2,816,854
JUDZIS, ARVIDS 2,817,065
JUGL, MICHAEL 2,816,811
JUGL, MICHAEL 2,816,812
JUGL, MICHAEL 2,816,825
JUGL, MICHAEL 2,816,832
JUGL, MICHAEL 2,816,833
JULITA, MONIQUE 2,817,407
JUNG, GENE 2,816,880
JUNGNICKEL, UWE 2,817,062
JURAK, FERENC 2,816,952
JUSTICE, GRANT G. 2,816,845
KABIR, MOHAMMED A. 2,817,068
KAISER, WILLIAM 2,817,194
KALANTAR, THOMAS H. 2,816,937
KALB, HERMANN 2,817,450
KALLA, SUBHASH 2,816,931
KAMIO, EIJI 2,816,688
KAMPMANN GMBH 2,817,025
KAMPMANN, JUERGEN 2,817,025
KANDASAMY, JEYAKUMAR 2,816,789
KANNARI, NAOKATSU 2,817,237
KANNENGIESSER, PAULINE 2,817,027
KANOJIA, CHAITANYA 2,817,367
KAPELANSKI, SCOTT 2,816,934
KAPUR, NAVIN K. 2,816,762
KARA, ARDA 2,816,828
KARAGOUNIS, VASILIOS 2,817,196
KARCZEWICZ, MARTA 2,817,360
KARINIEMI, RYAN DOUGLAS 2,816,906
KARIOLIS, MIHALIS S. 2,817,197
KARKI, RAJESHRI GANESH 2,817,114
KARRI, SURYA B. R. 2,816,800
KARTEN, STUART ALLAN 2,817,061
KASAR, RAMESH 2,817,211
KASZUBSKI, GLEN JOSEPH 2,817,126
KATAINE FADGYAS, KATALIN 2,816,952
KATES, STEVEN A. 2,817,362
KATHOLIEKE UNIVERSITEIT LEUVEN 2,817,165
KAUB, CARL 2,816,753
KAWAMURA, DAI 2,816,997
KAWANAMI, TOSHIO 2,817,114
KAZ EUROPE SA 2,814,956
KCI LICENSING, INC. 2,817,154
KEARNEY, MICHAEL PETER 2,817,072
KEELEY, WILLIAM SCOTT 2,816,723
KEEN, CHARLES 2,816,814
KEHLER, JAN 2,817,385
KEMIRA CHEMICALS INC. 2,817,004
KENNEDY, THOMAS J., III 2,816,723
KENYON, ROSS HARTLEY 2,816,893
KERMARREC, FABIEN 2,817,134
KESTEN, RANDY 2,817,094
KESTER, ROBERT T. 2,816,728
KEYSSNER, MICHAEL 2,817,277
KHAZOVA, ELENA 2,816,772
KHOURY, EDWARD JOSEPH 2,817,363
KIEFER, RANDOLF 2,817,164
KIELY, DONALD E. 2,816,923
KIM, CHARLES 2,817,319
KIM, HOJUNG 2,816,746
KIM, NANHYE 2,817,068
KIMBALL, CORY G. 2,816,899
KIMBALL, CORY G. 2,816,979
KIMBALL, CORY G. 2,816,985
KINDT, JARED T. 2,816,995
KING, BRIAN E. 2,817,196
KING, DAVID G. 2,817,340

KING, DAVID G. 2,817,345
KIOR INC. 2,816,692
KIPMAN, ALEX ABEN-ATHAR 2,817,226
KIRCHNER, MARK W. 2,816,701
KIRTIKAR, RAHUL 2,817,294
KISHIMOTO, TAKEAKI 2,817,237
KITVAC INTERNATIONAL PTY LTD 2,817,246
KIYOHARA, YASATO 2,816,688
KLASCO, MICHAEL 2,816,783
KLASSEN, PETRA 2,816,946
KLASSEN, PETRA 2,817,128
KLEEWEIN, JAMES 2,817,230
KLEMM, TORSTEN 2,817,062
KLIKIC, DAMIR 2,816,965
KLING, ROBERT 2,817,013
KLINGHOFFER, RICHARD 2,816,883
KNC NER ACQUISITION SUB, INC. 2,817,215
KNIGHT, OLUWATOYIN A. 2,817,206
KNOWLTON, TED M. 2,816,800
KOBAYASHI, EIJI 2,817,172
KOBAYASHI, HISASHI 2,817,209
KOCH, CORINNA 2,817,331
KOCH, DIETHER 2,817,021
KOEPPEN, HARTMUT 2,817,133
KOERNER, MATTHIAS 2,816,829
KOLVRAA, STEEN 2,817,390
KORVICK, DONNA L. 2,816,878
KORVICK, DONNA L. 2,816,888
KORVICK, DONNA L. 2,816,890
KORVICK, DONNA L. 2,816,986
KOSMEDER, JEROME W. 2,817,374
KOTHANDARAMAN, SRIDHAR 2,816,849
KOVANYINE LAX, GYORGYI 2,816,952
KRAFT, TORSTEN 2,816,832
KRAMER-PRESTA, KYLIE 2,816,923
KRANE, STEPHEN 2,817,250
KRAUSE, THOMAS 2,816,735
KRAUSZ INDUSTRIES DEVELOPMENT LTD. 2,816,802
KRAUSZ, ELIEZER 2,816,802
KREBS, ROBERT R. 2,816,740
KRESSE, JOHN P. 2,817,222
KREUZER, WERNER 2,817,271
KRIMMER, HANS-PETER 2,816,725
KROGH-JESPERSEN, ERIK 2,816,753
KROLL, DENNIS E. 2,817,070
KROPEC-HUEBNER, ANDREA 2,816,913
KROULIK, ERWIN 2,817,095
KRUGER, SILVIO, E. 2,816,935
KRUSE, DAVID M. 2,817,051
KUBOTA, KAZUSHI 2,814,072
KUHN, BRIAN N. 2,816,847
KUMAR, SUNIL 2,817,076
KUMPATLA, SIVA P. 2,816,959
KURUC, JULIE 2,816,736
KUTCHKO, CYNTHIA 2,817,146
L & P PROPERTY MANAGEMENT COMPANY 2,817,252
L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDE S GEORGES CLAUDE 2,817,189
L'OREAL 2,816,732
LABAK, CHRISTOPHER 2,817,364
LABONTE, RENE 2,817,406
LACY, STUART 2,816,850
LADER, ALAN S. 2,817,362
LAHRS, THORSTEN 2,817,058
LAI, CHEE KONG 2,816,575
LAI, SAMUEL K. 2,816,977
LAIRD, ROBERT J. 2,816,888
LAMART CORPORATION 2,816,880
LAMERS, PAUL H. 2,817,146
LAMONT, ROBERT G. 2,817,329
LAMPERTH, MICHAEL 2,817,064
LANDMARK GRAPHICS CORPORATION 2,816,815
LANGER, ROBERT SAMUEL 2,817,250
LANXESS INC. 2,817,251
LAPEN, DANIEL 2,817,303
LARGE, CHARLES 2,817,205
LATCHWAYS PLC 2,817,142
LATCHWAYS PLC 2,817,323
LAW, PERRY N. 2,817,148
LAZIC, STANLEY 2,817,183
LE, THANH HA 2,816,933
LEAL, MARCUS A. 2,816,998
LEAMON, CHRISTOPHER PAUL 2,817,219
LEAMON, CHRISTOPHER PAUL 2,817,223
LEBLEU, BERNARD 2,816,827
LEBRETON, PIERRE 2,816,927
LECTIO PHARMAENTWICKLUNGS- UND VERWERTUNGS GMBH 2,817,453
LEDUC, GAETAN 2,817,406
LEE, BRUCE P. 2,817,215
LEE, INSEOP 2,816,843
LEE, JAESIK 2,816,843
LEE, JEEWOO 2,816,769
LEE, KYE-YUNE 2,817,192
LEE, MINKYU 2,816,843
LEE, SEUNG MYUNG 2,817,085
LEE, TAE-WOONG 2,817,192
LEE, THOMAS WAI-HO 2,817,319
LEE-SEPSICK, KATHY 2,817,296
LEE-SEPSICK, KATHY 2,817,330
LEFENFELD, MICHAEL 2,817,086
LEICA GEOSYSTEMS AG 2,817,033
LEICA GEOSYSTEMS AG 2,817,240
LEMAITRE, ANDRE 2,817,423
LEMIEUX, ERIN-ANNE A. 2,817,364
LEMP, JOACHIM 2,816,964
LEONE-BAY, ANDREA 2,817,337
LEROY, HELENE 2,816,666
LEROY, PASCAL 2,816,938
LESCH, BERNHARD 2,816,769
LESLIE, DUSTIN B. 2,817,342
LESSEK, TIMOTHY P. 2,816,984
LEUNG, ALEX 2,816,925
LEW, WILLIAM 2,817,215
LEWIS, JASON R. 2,817,146
LEXICON PHARMACEUTICALS, INC. 2,816,963
LEXICON PHARMACEUTICALS, INC. 2,817,112
LG FUEL CELL SYSTEMS INC. 2,817,108
LI, CHENGYU 2,817,167
LI, DONGMING 2,817,167
LI, FANXING 2,816,800
LI, HONGMEI 2,816,931
LI, NAIHONG 2,817,229
LI, QUN 2,816,963
LI, QUN 2,817,112
LI, WEI 2,816,818
LI, YAN 2,817,263
LI, ZIJUAN 2,817,015
LIANG, GUOXIAN 2,817,058
LIBERT, CLAUDE 2,816,912
LICARI, MARK 2,817,303
LIGHTNER, JON 2,817,241
LIMERKENS, DOMINICUS 2,817,274
LIN, AMY H. 2,816,570
LIN, GENG 2,817,152
LINDNER, STEFAN 2,816,772
LINSCOTT, DOUGLAS J. 2,817,243
LINSELL, MARTIN SHERINGHAM 2,817,211
LIPARE, MAHESH 2,816,965
LIPOWSKI, JOSEPH THADDEUS 2,817,367
LIPSCOMB, GLENN 2,817,297
LIPSITZ, ETHAN ANDREW 2,815,830
LIU, JUNJIAN 2,816,803
LIU, JUSTIN 2,816,783
LIU, KUN 2,816,798
LIU, NINGSHU 2,817,287
LIU, NINGSHU 2,817,312
LIU, NINGSHU 2,817,317
LIU, XIAOFENG 2,816,722
LIU, XIN 2,817,263
LIU, YE 2,817,005
LMR TECHNOLOGIES LIMITED 2,816,940
LO, YUK MING DENNIS 2,817,370
LOCHRIE, JAMES 2,817,248
LOCKE, CHRISTOPHER BRIAN 2,817,154
LOESCHE GMBH 2,817,277
LOHSE, JESPER 2,817,161
LOIFENFELD, MARINA 2,816,735
LOMBARDI, ANGELINA 2,816,808
LONGO, DARIO LIVIO 2,816,948
LORD, ADRIAN 2,816,969
LOUGHNANE, CHRISTOPHER PAUL 2,817,364
LOUGHNEY, DAVID M. 2,816,922
LOWE, JOHN 2,817,091
LU, CHEN 2,817,004
LU, FANG 2,816,959

LU, QING (JANE) 2,817,211
LU, YONGLING 2,817,263
LUCASH, NATHAN P. 2,816,998
LUCHANSKY, MATTHEW S. 2,816,995
LUECKEL, KRIS 2,817,062
LUETZENDORF, RENATE 2,817,268
LUI, MUN POOK 2,816,849
LUKACS, GYULA 2,816,952
LUNA, MICHAEL EDWARD SMITH 2,817,048
LUNA, MICHAEL EDWARD SMITH 2,817,145
LUNDGREN, KENT 2,816,794
LUOXIS DIAGNOSTICS, INC. 2,817,163
LYANNAZ, LAURENT 2,817,423
LYCERA CORPORATION 2,816,753
LYMAN, ARINNE 2,817,215
MACDONALD, KAREN LEE 2,816,856
MACK TRUCKS, INC. 2,816,782
MACK TRUCKS, INC. 2,817,091
MACKINNON, JOHN 2,816,819
MADAN, ASHVANI K. 2,816,878
MADAN, ASHVANI K. 2,816,885
MADAN, ASHVANI K. 2,816,888
MADAN, ASHVANI KUMAR 2,816,890
MADAN, ASHVANI KUMAR 2,816,986
MADSEN, JORGEN 2,817,272
MAFFEI, GIUSEPPE 2,817,354
MAGLIO, ORNELLA 2,816,808
MAGLIOLA, CORINNE 2,816,946
MAGLIOLA, CORINNE 2,817,128
MAGNONE, MARIA, CHIARA 2,817,183
MALCOM, STUART 2,816,925
MALM, ANNIKA 2,817,185
MALM, ANNIKA 2,817,186
MALMBERG, SEAN M. 2,817,251
MANESIS, NICHOLAS J. 2,817,342
MANETTI, FABRIZIO 2,817,388
MANKE, DARRIN 2,817,364
MANN, ANDRE 2,817,388
MANNKIND CORPORATION 2,817,337
MANOHARAN, PRIYANGA 2,816,824
MANSFIELD, TODD LEON 2,817,253
MARANGONI, ALEJANDRO GREGORIO 2,817,188
MARASCO, AGOSTINO 2,817,205
MARBE, PETER 2,817,412
MARCHAND, ARNAUD 2,817,165
MARCHAND, DAMIEN 2,817,165
MAREL SALMON A/S 2,817,400
MARIADASSOU, PRITHU 2,816,654
MARINA BIOTECH, INC. 2,817,014
MARINE POLYMER TECHNOLOGIES, INC. 2,816,999
MARINELLI, CLAUDIO 2,817,109
MARINEO, GIUSEPPE 2,816,962
MARINKOVIC, SINISA 2,817,027
MARKOVITS, IMRE 2,816,952
MARKS, DANIEL B. 2,816,828
MARKS, FRANK 2,817,096
MARR, AMY LOUISE 2,817,001
MARRONE BIO INNOVATIONS, INC. 2,816,871
MARRONE, PAMELA 2,816,871
MARS, INCORPORATED 2,817,188
MARSH, RANDALL GLENN 2,817,261
MARSHALL, WILLIAM S. 2,817,002
MARSHALL, WILLIAM S. 2,817,371
MARTINEZ-HACKERT, ERIK 2,817,008
MARTINI, PASCAL 2,817,291
MARXEN, MARTIN 2,817,270
MASCO BATH CORPORATION 2,816,934
MASCO BATH CORPORATION 2,816,936
MASKEY, RAJENDRA-PRASAD 2,817,331
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,817,311
MASSE, DANIEL I. 2,817,160
MASSIMINO, STEFAN PATRICK 2,817,171
MASTERS, JAMES 2,817,046
MATSUSHITA, YASUHARU 2,817,375
MATSUSITA, KOHEI 2,817,375
MATTHEWS, JOHN G. 2,817,380
MATTSON, MATTHEW N. 2,816,753
MATUSZNY, RICHARD R. 2,817,153
MAUCEC, MARKO 2,816,815
MAXON INDUSTRIES, INC. 2,817,007
MAY, ERIC J. 2,817,374
MAYER, WINFRIED 2,817,030
MAZZOCCHI, RUDY 2,817,017
MCAREE, PETER ROSS 2,817,072
MCCARTY, MICHAEL W. 2,816,407
MCCLELLAN, MELINDA S. 2,816,995
MCCOLLUM, GREGORY J. 2,817,107
MCCORMICK, RONNY D. 2,816,823
MCDUFFIE, RICHARD 2,814,956
MCEACHERN, ERNEST J. 2,816,798
MCGINNISS, VINCENT D. 2,817,099
MCGRAIL, PATRICK TERENCE 2,817,201
MCKEE, RONALD D. 2,816,967
MCKEEN, BRIAN J. 2,817,303
MCLAUGHLIN, SAMUEL 2,816,782
MCNULTY, JOHN 2,816,858
MCPEAK, THOMAS 2,817,213
MEACHAM, BRIAN E. 2,816,845
MEADE, JEFF 2,817,104
MEADWESTVACO CORPORATION 2,817,284
MEADWESTVACO PACKAGING SYSTEMS, LLC 2,817,291
MECKLEY, TRACEY L. 2,816,759
MEDCURRENT CORPORATION 2,816,824
MEDROBOTICS CORPORATION 2,817,350
MEEK, JASON 2,817,042
MEHREGANY, MEHRAN 2,816,894
MEIJI CO., LTD. 2,817,347
MEIYAPPAN, SUBRAMANIAN 2,817,115
MELACK, JOHN M. 2,817,086
MELVEN, IAN GRAEME 2,816,886
MENARD, CLAUDE 2,816,844
MENDEL, MATTHEW C. 2,817,355
MENG, XIANGDONG 2,817,355
MERCENIER, ANNICK 2,816,958
MERCENIER, ANNICK 2,817,217
MERCENIER, ANNICK 2,817,407
MERCK PATENT GMBH 2,816,896
MERCK SHARP & DOHME CORP. 2,816,798
MERCK SHARP & DOHME CORP. 2,816,974
MERCK SHARP & DOHME CORP. 2,817,100
MERCURIO, AGNES 2,817,364
MERENIUK, TODD RANDALL 2,816,929
MERGY, JIMMY 2,817,176
MERKEL, MATT 2,817,036
MERT, OLCAY 2,816,977
MERTOGLU, MURAT 2,817,030
MESSIER-DOWTY LIMITED 2,816,850
METALYSIS LIMITED 2,817,335
METALYSIS LIMITED 2,817,351
MEYER, JEFFERY ALAN 2,817,001
MEYER, KATHERINE ANN 2,817,001
MEZOVARI, MONIKA 2,816,952
MIA, RASHIDUS S. 2,817,247
MICHAELIDES, MICHAEL 2,817,093
MICHELS, CLAUDE 2,817,382
MICHIELI, PAULO 2,816,745
MICHIELI, PAULO 2,816,919
MICRO-POISE MEASUREMENT SYSTEMS, LLC 2,817,153
MICROSOFT CORPORATION 2,813,601
MICROSOFT CORPORATION 2,816,814
MICROSOFT CORPORATION 2,817,051
MICROSOFT CORPORATION 2,817,196
MICROSOFT CORPORATION 2,817,226
MICROSOFT CORPORATION 2,817,230
MIIKKULAINEN, KARI 2,817,180
MIKOVITS, JUDY 2,816,855
MILES, ANDREW FREDERICK 2,817,456
MILLER, GLENN A. 2,816,969
MILLER, KENNETH B. 2,816,880
MILLER, KENNETH B. 2,816,882
MILLER, KENNETH B. 2,816,924
MILLER, MATTHEW C. 2,816,877
MINA THERAPEUTICS LIMITED 2,817,191
MINICH, RAYMOND C. 2,816,892
MIRAGEN THERAPEUTICS 2,817,002
MIRAGEN THERAPEUTICS 2,817,371
MISHRA, ABHINAV 2,816,814
MITCHELL, HELEN J. 2,816,974
MITCHELL, HELEN J. 2,817,100
MIZUSHIRI, MAYUMI 2,817,237
MOASIS INC. 2,817,229
MOENNING, URSULA 2,817,317
MOEWES, MANFRED 2,817,317
MOHAMED, ZAHROOF 2,816,820
MOLDTECH OY 2,817,404
MOLLER, BERND 2,817,033
MOLZ, RONALD J. 2,816,903
MONNING, USRULA 2,817,312
MONSON, GAVIN M. 2,816,853
MONSON, GAVIN M. 2,816,888
MONSON, GAVIN M. 2,816,890
MONSON, GAVIN M. 2,816,899

MONSON, GAVIN M. 2,816,980
MONSON, GAVIN M. 2,816,984
MONSON, K. DAVID 2,817,099
MONTGOMERY, RUSTY 2,817,371
MOORE, GEORGE M. 2,813,601
MOORE, GREGORY D. 2,816,759
MOORE, JOEL 2,817,319
MOORE, KYLE P. 2,816,875
MOORE, ROBERT E., JR. 2,816,959
MOREL, FREDERIC 2,816,666
MORELL, MATTHEW KENNEDY 2,816,916
MORGAN, FREDERICK 2,816,978
MORGAN, JEROME R. 2,816,890
MORI, YASUKO 2,816,796
MORPHO 2,816,933
MORPHOTEK INC. 2,816,991
MORRIS, PHILIP GEORGE LITTLEAVON 2,817,067
MOSER, HEINZ E. 2,817,211
MOULARAT, STEPHANE 2,817,135
MOUNTAIN, DALE LLEWELYN 2,816,920
MOWES, MANFRED 2,817,287
MOWES, MANFRED 2,817,312
MSD CONSUMER CARE, INC. 2,817,068
MU, CHANGWEI 2,816,798
MUELLER, BEAT 2,816,926
MUELLER, JOERG 2,817,261
MULHARE, MICHAELA E. 2,816,895
MULHOLLAND, JOHN 2,816,960
MULLENIX, MICHAEL C. 2,817,202
MULLER, BEAT 2,816,926
MUMAW, DANIEL J. 2,816,875
MUMAW, DANIEL J. 2,816,908
MURILLO, ADRIAN E. 2,817,374
MURPHY, JOHN L. 2,817,215
MURPHY, ROBERT F. 2,817,208
MURWAY, EDI 2,817,204
MYONG, INHO 2,816,730
NAKAI, TAKASHI 2,817,319
NAKATA, YOSHIFUMI 2,816,582
NALCO COMPANY 2,816,565
NARAGHI, ALI 2,817,456
NARASIMHA, RAJU 2,816,965
NARGEOT, JOEL 2,816,827
NASTRI, FLAVIA 2,816,808
NATIONAL INSTITUTE OF BIOMEDICAL INNOVATION 2,816,796
NATIONAL OILWELL VARCO, L.P. 2,817,120
NATIONAL RESEARCH COUNCIL OF CANADA 2,816,935
NATIONAL UNIVERSITY CORPORATION GUNMA UNIVERSITY 2,817,237
NAVITAS SOLUTIONS, INC. 2,816,843
NEC CORPORATION 2,814,072
NEIMARK, JEAN 2,817,184
NEKTAR THERAPEUTICS 2,816,722
NELSON, DENNIS 2,817,068
NELSON, DRU 2,816,886
NEMETH, TAMAS 2,816,403
NESTE OIL OYJ 2,817,182
NESTE OIL OYJ 2,817,185
NESTE OIL OYJ 2,817,186
NESTEC S.A. 2,816,732
NESTEC S.A. 2,816,946
NESTEC S.A. 2,816,958
NESTEC S.A. 2,817,059
NESTEC S.A. 2,817,113
NESTEC S.A. 2,817,122
NESTEC S.A. 2,817,128
NESTEC S.A. 2,817,217
NESTEC S.A. 2,817,275
NESTEC S.A. 2,817,407
NEW HEALTH SCIENCES, INC. 2,817,106
NEXTNAV, LLC 2,817,115
NEXUS EWATER PTY LTD 2,816,918
NGUYEN, BINH 2,817,223
NGUYEN, DON Q. 2,816,823
NGUYEN, TOMMY G. 2,816,859
NGUYEN, TRI QUANG 2,817,183
NIAGARA ENERGY CONSERVATION PRODUCTS (XIAMEN) CO., LTD. 2,816,644
NIBAUER, LISA 2,816,715
NIELSEN, POUL ERIK HOJLUND 2,817,272
NIJSEN, JOHANNES FRANCISCUS WILHELMUS 2,816,797
NIPPON KAYAKU KABUSHIKI KAISHA 2,816,997
NISHIKAWA, YUKO 2,816,724
NISSHINBO HOLDINGS INC. 2,817,237
NOFFSINGER, JOSEPH FORREST 2,816,826
NOKIA CORPORATION 2,817,181
NONCOVICH, ALAIN 2,816,983
NORGINE BV 2,816,835
NORGINE BV 2,816,839
NOVARTIS AG 2,816,810
NOVARTIS AG 2,817,114
NOVARTIS AG 2,817,132
NOVAVAX INC. 2,817,005
NOVELIS INC. 2,817,357
NOVICI BIOTECH LLC 2,816,401
NOVOZYMES NORTH AMERICA, INC. 2,817,224
NUNLIST, FELIX 2,816,756
NUTTEN, SOPHIE 2,816,958
NUTTEN, SOPHIE 2,817,217
NUTTEN, SOPHIE 2,817,407
O'SHANNESSY, DANIEL J. 2,816,991
OBERLENDER, ROBERT A. 2,816,895
OCTAPHARMA AG 2,817,096
OESSER, STEFFEN 2,816,900
OESTLIEN, CHRISTIAN 2,816,998
OGAWA, TOMOHIRO 2,786,027
OHBA, YOSHIHIRO 2,817,190
OHRENSSTEIN, HERVE 2,816,873
OKA, SHIROU 2,817,098
OKADA, OSAMU 2,816,688
OKAZAKI, MANAMI 2,816,997
OKOUNEVA, TATIANA 2,816,855
OKUYAMA, TARO 2,817,356
OLMOS, PAOLA 2,817,059
OLSCHEWSKI, FRANK 2,817,285
OLSON, JEREMY 2,816,860
OLSSON, MAGNUS 2,817,087
OMEROS CORPORATION 2,817,071
OMYA DEVELOPMENT AG 2,816,733
ONG, CHRISTY C. 2,817,133
ONPHARMA INC. 2,817,094
OPALSKY, DAVID 2,817,101
OPENHYDRO IP LIMITED 2,817,286
OPPENHEIMER, AARON 2,817,311
OROUDJEV, EMIN 2,816,855
ORTLEPP, GERALD 2,817,268
OSBORNE, JASON L. 2,816,871
OSTERTAG, DEREK G. 2,816,570
OTSUKA PHARMACEUTICAL FACTORY, INC. 2,817,172
OUSE, DAVID G. 2,817,243
OVERBECK, GEORG-WILHELM 2,817,022
OWEN, TATE 2,816,995
OWENS, JANE GRANVILLE 2,817,001
OYOLA, ARNOLD E. 2,817,350
OZAKI, JUN-ICHI 2,817,237
PAARLBERG, TANDY ELIZABETH 2,817,001
PADGETT, HAL 2,816,401
PADTBERG, KLAUS 2,817,244
PALLON, MONDO 2,816,572
PALMER, LARRY T. 2,817,070
PALMER, SCOTT B. 2,816,895
PANDEB HOLDINGS PTY LTD 2,817,155
PAONE, DANIEL V. 2,816,974
PAONE, DANIEL V. 2,817,100
PAPASAKELLARIOU, ARIS 2,817,003
PAPER PAK INDUSTRIES 2,817,006
PAPIN, GERALDINE 2,817,401
PARASHKEVOV, ROSSEN R. 2,816,931
PARENT, MICHEL 2,817,058
PARIPATI, PRAVEEN 2,817,297
PARRILLI, MICHELANGELO 2,817,414
PARTICULATE SOLID RESEARCH, INC. 2,816,800
PASCHON, DAVID 2,817,355
PASSETTI, GIANLUIGI 2,817,453
PATERNOSTRO, CARLO 2,816,402
PATRON, ANDREW 2,816,983
PATTABIRAMAN, GANESH 2,817,115
PATTEN, PHILLIP A. 2,817,211
PATTON, WAYNE FORREST 2,817,202
PAVLIN, MARK S. 2,817,152
PAVONE, VINCENZO 2,816,808
PAYNE, RICHARD 2,817,206
PEARCY, BRANDON M. 2,816,998
PEARCY, TIMOTHY 2,817,038
PEDERSEN, JOHN 2,817,213
PEDERSEN, LEIF TOFTGAARD 2,816,794
PEDICINI, CHRISTOPHER 2,816,941
PEHRSSON, PEHR E. 2,816,909
PENACHIO, TONY 2,817,047
PENOCCHIO, CAMILLO 2,816,846
PEREIRA, JORGE 2,817,230
PERENTES, ALEXANDRE 2,817,275

# Index of PCT Applications Entering the National Phase


PEREZ, KATHRYN STONE 2,817,226
PERL, NICHOLAS ROBERT 2,817,319
PERRY, MICHAEL P. 2,817,376
PERRY, MICHAEL P. 2,817,378
PESSIER, RUDOLF C. 2,816,823
PETAINER LIDKOPING AB 2,816,914
PETERS, JENS-UWE 2,816,829
PETERSEN, SCOTT 2,817,213
PETERSON, DAVID W. 2,817,148
PETERSON, MATTHEW WALLACE 2,816,715
PETIT, VALERIE 2,817,407
PETROV, ORLIN 2,817,287
PHAN, GIAO HUU 2,816,886
PHILIP MORRIS PRODUCTS S.A. 2,817,266
PHILLIPS 66 COMPANY 2,817,325
PHOSTECH LITHIUM INC. 2,817,058
PI, ZHOUYUE 2,817,314
PI-DESIGN AG 2,817,179
PIAZZA, LOUIS 2,816,831
PICCARIELLO, THOMAS 2,816,895
PICCIONI, FRANK 2,817,074
PICKETT, KATHY 2,817,364
PIEPGRAS, COLIN 2,816,978
PIERCE, MARK 2,816,726
PIERCY, ELLEN 2,816,669
PILCH, SHIRA 2,817,046
PIMENTA, PALOMA 2,817,046
PINAULT, GILLES 2,817,443
PIONEER HI-BRED INTERNATIONAL, INC. 2,817,241
PIONTEK, DARYL M. 2,816,892
PIOT, CHRISTOPHE 2,816,827
PIVOT MEDICAL, INC. 2,817,194
PLAIN, CECILE 2,816,666
PLESSL, JORG 2,816,835
PLESSL, JORG 2,816,839
PODREBARAC, GARY G. 2,817,065
POEHLS, EMANUEL 2,816,964
POGET, PIERRE-YVES 2,817,291
POISSON, PHILIPPE 2,816,873
POLARIS INDUSTRIES INC. 2,817,254
POLIAKINE, ASSAF 2,817,116
POMBLES, MARK JOSEPH 2,816,893
PONSOLLE, DOMINIQUE 2,817,201
POOLE, DENNIS 2,817,303
POON, SIN KIE 2,817,208
POSADAS, PATRICK B. 2,817,212
POTRATZ, JASON 2,817,084
POULOS, SYLVIA P. 2,817,372
POWELL, DAVID 2,816,860
PRATA, ROGERIO 2,817,224
PRATT, MITCHELL 2,816,975
PRAXAIR TECHNOLOGY, INC. 2,817,209
PRC-DESOTO INTERNATIONAL, INC. 2,816,757
PRC-DESOTO INTERNATIONAL, INC. 2,817,107
PREBLE, JOHN EDWARD, JR. 2,816,766
PREBLE, JOHN EDWARD, JR. 2,817,173
PREMARK FEG L.L.C. 2,817,244
PRESAGE BIOSCIENCES, INC. 2,816,883
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,817,066
PRESZ, WALTER M. 2,816,723
PRIBADI, MARVIN 2,816,889
PRICE, DANIEL W. 2,816,853
PRICE, DANIEL W. 2,816,875
PRICE, DANIEL W. 2,816,877
PRICE, DANIEL W. 2,816,979
PRICE, DANIEL W. 2,816,985
PRICE, JOHN D. 2,816,895
PRIEBE, CHRISTIAN 2,817,021
PRIEMEN, STEFAN 2,817,274
PRIEST, CHAD 2,816,983
PRIGGE, MATTHIAS 2,816,971
PRILL, JONATHAN RYAN 2,817,120
PRIOULT, GUENOLEE 2,816,958
PRIOULT, GUENOLEE 2,817,217
PRIOULT, GUENOLEE 2,817,407
PRO TEQT TECHNOLOGIES, INC. 2,816,993
PROGRESSIVE RECOVERY, INC. 2,816,828
PROMEGA CORPORATION 2,817,102
PRONOVA BIOPHARMA NORGE AS 2,816,949
PROSL, FRANK 2,817,327
PUAUD, MAX MICHEL 2,817,059
PUCHALLA, ADAM 2,816,807
PURDY, SEAN 2,817,107
PUTNAM, WENDY 2,817,380
QAVI, ABRAHAM J. 2,816,995
QUALCOMM INCORPORATED 2,817,360
QUANTIBACT A/S 2,817,390
QUINLAN, ROBERT 2,816,858
R.R. DONNELLEY & SONS COMPANY 2,817,077
RADFORD, STEVEN R. 2,817,118
RADFORD, STEWART 2,817,188
RADHAKRISHNAN, REGUNATHAN 2,816,889
RAEL, LEONARD T. 2,817,163
RAGHAVAN, SRINIVAS 2,816,894
RAGHUPATHY, ARUN 2,817,115
RAHMAN, HOSAIN SADEQUR 2,817,048
RAHMAN, HOSAIN SADEQUR 2,817,145
RAINS, MARK A. 2,817,222
RAKUTEN, INC. 2,816,536
RAKUTEN, INC. 2,817,131
RAKUTEN, INC. 2,817,136
RAM, ARTHUR FRANCISCUS JOHANNES 2,817,082
RAM, RAGHAV 2,816,959
RANIWALA, SUBODH 2,816,736
RAO, MOHAN SUNDAR 2,817,009
RAO, MOHAN SUNDAR 2,817,018
RASHEED, ADAM 2,816,893
RAUCH, EDWIN L. 2,817,357
RAVET, NATHALIE 2,817,058
RAYMOND, ERNEST LEE 2,816,950
REALD INC. 2,817,044
REBOUILLAT, SERGE 2,817,382
RECKITT & COLMAN (OVERSEAS) LIMITED 2,816,669
REDDY, JOSEPH ANAND 2,817,219
REDDY, JOSEPH ANAND 2,817,223
REECE, HAYLEY A. 2,817,199
REED, CHRISTOPHER 2,817,195
REED, JAMES D. 2,816,917
REED, JEFFREY HUGH 2,816,970
REED, MICHAEL CLARK 2,817,221
REED, THOMAS W., JR. 2,816,727
REEH, HANS-RUDIGER 2,816,969
REELWELL AS 2,817,269
REGENERON PHARMACEUTICALS, INC. 2,816,799
REGINA, AHMED 2,816,916
REIFF, HENRIK 2,816,397
REIK, ANDREAS 2,817,355
REIS, DAVI R. 2,816,998
REMA TIP TOP GMBH 2,816,807
REN, HAIXIA 2,816,810
RENAISSANCE ENERGY RESEARCH CORPORATION 2,816,688
RENFROW, JAY H. 2,817,121
RENNER, MARIO 2,817,320
RENSEL, JOHN D. 2,817,063
RENTSCH, SAMUEL 2,816,733
REO, JOSEPH P. 2,817,068
RESEARCH IN MOTION LIMITED 2,813,765
RESEARCH IN MOTION LIMITED 2,816,400
RESEARCH IN MOTION LIMITED 2,816,731
RESEARCH IN MOTION LIMITED 2,816,809
RESEARCH IN MOTION LIMITED 2,816,816
RESEARCH IN MOTION LIMITED 2,816,921
RESEARCH IN MOTION LIMITED 2,817,271
RESTAINO, ODILE FRANCESCA 2,817,414
RHEE, SORA 2,816,908
RICHTEROVA, KARLA 2,817,456
RICIGLIANO, JOSEPH W. 2,817,309
RICOH COMPANY LTD. 2,817,190
RICOH COMPANY, LTD. 2,817,356
RIEDMILLER, JEFFREY 2,816,889
RIOUX, ROBERT 2,816,880
RIOUX, ROBERT 2,816,882
RIOUX, ROBERT 2,816,924
RISSER, STEVEN M. 2,817,099
RIVAIT, DEREK 2,816,814
RIVERTOP RENEWABLES 2,816,923
ROBBINS, JOAN M. 2,816,570
ROBBINS, NEIL F. JR. 2,817,206
ROBERS, MATTHEW B. 2,817,102
ROBERTS, ADRIAN 2,816,836
ROBERTSON, GREGORY D. 2,816,931
ROBERTSON, JOHN L. 2,817,234
ROBEY, ALISON 2,817,224
ROBINE, ENRIC 2,817,135
ROBINSON, MICHAEL G. 2,817,044
ROBINSON, TIMOTHY MARK 2,817,154

ROBISON, JEREMIAH 2,817,048
ROBISON, JEREMIAH 2,817,145
ROCHON, ALAIN 2,817,406
ROCKSTAR BIDCO LP 2,817,195
RODRIGUEZ, WILLIAM 2,817,311
ROEHL, BERND 2,816,813
ROEHL, BERND 2,817,117
ROEHM, VALENTIN 2,816,953
ROEPKA, GREGORY ALLEN 2,817,019
ROHAM, MASOUD 2,816,894
ROHDE, JASON 2,817,319
ROMANKO, WALTER R. 2,817,214
ROMERO, ARTHUR GLENN 2,816,753
ROPERCH, JEAN-PIERRE 2,816,947
ROSA-CALATRAVA, MANUEL 2,816,838
ROSENCRANCE, SCOTT 2,817,004
ROSHON, MELISSA S. 2,817,099
ROSS TECHNOLOGY CORPORATION 2,817,309
ROSTAGNO, IPPOLITA 2,816,765
ROTH, DONNA 2,817,042
ROTH, STANLEY A. 2,816,553
ROUSSEL-MAUPETIT, CAROLINE 2,816,660
ROWLAND, LEWIS 2,816,940
RSD - A DIVISION OF DCD DORBYL (PTY) LIMITED 2,816,647
RUAT, MARTIAL 2,817,388
RUAT, MARTIAL 2,817,393
RUDOLPH, JENS 2,816,969
RUNDE, JEFFREY K. 2,817,222
RUNGE, ZSOLT 2,816,952
RUPP, KIP M. 2,816,908
RUPRECHTS-KARLS-UNIVERSITAT HEIDELBERG 2,817,331
RUSSAK, ZE'EV 2,817,220
RUSSEL, ROBERT 2,816,905
RUSSINOVICH, MARK EUGENE 2,813,601
RUSSO, LEILEATA M. 2,817,111
RYAN, JAMES M. 2,816,822
RZANY, ALEXANDER 2,817,450
S.A. REALCO 2,817,105
S.A. RYB 2,817,162
SABLIOV, CRISTINA M. 2,816,928
SACHEM, INC. 2,816,961
SAETROM, PAL 2,817,191
SAKAGUCHI, KUMIKO 2,817,347
SALAZAR-TIO, RAFAEL 2,816,405
SALDIVAR, ENRIQUE 2,816,894
SALEM, GEORGE 2,817,340
SALTWORKS TECHNOLOGIES INC. 2,816,746
SAMAIN, DANIEL 2,817,423
SAMAJDAR, SUSANTA 2,816,944
SAMSUNG ELECTRONICS CO., LTD. 2,817,000
SAMSUNG ELECTRONICS CO., LTD. 2,817,003
SAMSUNG ELECTRONICS CO., LTD. 2,817,085
SAMSUNG ELECTRONICS CO., LTD. 2,817,314
SAMUELSSON, MAGNUS 2,816,915
SANDERFORD, H. BRITTON 2,817,157
SANDERS, COREY 2,813,601
SANGAMO BIOSCIENCES, INC. 2,817,355
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,816,806
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,816,811
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,816,812
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,816,825
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,816,832
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,816,833
SAREPTA THERAPEUTICS, INC. 2,817,090
SARTORI, DAVE 2,817,146
SASOL WAX GMBH 2,817,394
SAUNDERS, MICHAEL 2,816,745
SAUNDERS, MICHAEL 2,816,919
SAVAGE, JESSE 2,816,847
SAVAGE, PAUL B. 2,816,879
SAVAGE, PAUL B. 2,816,884
SCA HYGIENE PRODUCTS AB 2,817,013
SCANLON, JOHN J. 2,816,408
SCHABASSER, MARTIN 2,816,837
SCHEERENS, HELEEN 2,817,380
SCHERDER, ERIC 2,817,243
SCHERLEIN, JOHN F. 2,816,922
SCHIMMEL, GREG 2,816,736
SCHIRALDI, CHIARA 2,817,414
SCHLUMBERGER CANADA LIMITED 2,816,695
SCHMIDT + CLEMENS GMBH + CO. KG 2,817,022
SCHMIDT, GARY 2,816,864
SCHMIDT, GUILLAUME 2,816,841
SCHMIDT, JOHANNES F. 2,817,216
SCHMIDT, ULRICH 2,817,320
SCHMITT, JEROEN ANTONIUS JOHANNES 2,817,113
SCHNEIDER ELECTRIC IT CORPORATION 2,816,965
SCHNEIDER ELECTRIC IT CORPORATION 2,817,052
SCHNEIDER ELECTRIC USA, INC. 2,816,727
SCHNEIDER ELECTRIC USA, INC. 2,817,084
SCHNEIDER, MARC-CHRISTOPH 2,817,264
SCHNEIDER, MICHAEL 2,817,078
SCHNEIDER, ROLF 2,817,264
SCHNEIDER, RUDIGER 2,817,285
SCHNEIDER, ULRICH 2,817,394
SCHNELL, URBAN 2,816,715
SCHNYDER, ANNIE 2,817,078
SCHORR, CHRISTIAN 2,817,240
SCHROEDER, DENNIS LYNN 2,817,061
SCHROEDER, FRANK 2,817,240
SCHUELLER, REGINA 2,817,177
SCHULTE, JOHN B. 2,816,875
SCHULTZ, PETRA 2,817,096
SCHWARTZ, EVA 2,816,652
SCHWARTZ, ROLF-JOSEF 2,816,652
SCHWARTZ, STEPHEN LEONARD 2,817,125
SCOTT, ROBERT O. 2,817,372
SCOTT, WILLIAM JOHNSTON 2,817,287
SCOTT, WILLIAM JOHNSTON 2,817,312
SCOTT, WILLIAM JOHNSTON 2,817,317
SEEHRA, JASBIR 2,817,008
SEILER, MATTHIAS 2,817,264
SELNICK, HAROLD G. 2,816,798
SEMBLANT LIMITED 2,816,840
SENATORE, DANIEL 2,816,715
SENDONARIS, ANDREW 2,817,115
SENDOR-MUELLER, DOROTA 2,817,174
SENOMYX, INC. 2,816,983
SENSUS USA INC. 2,817,157
SERBAN, MONICA A. 2,817,206
SERGUEEVA, ALLA V. 2,816,845
SERVER TECHNOLOGY, INC. 2,817,204
SETH, SHAGUNA 2,817,014
SGL CARBON SE 2,817,124
SGOURAKES, GEORGE E. 2,816,876
SHAH, MITUL 2,816,894
SHAH, RAJESH D. 2,816,408
SHANG, MINGDONG (GARY) 2,817,051
SHANI, MORDECHAI 2,816,955
SHAW, EDWARD E. 2,816,954
SHAW, IAN 2,817,364
SHEEHAN, MARK 2,817,120
SHELTON, FREDERICK E. 2,816,984
SHELTON, FREDERICK E. IV 2,816,981
SHELTON, FREDERICK E., IV 2,816,885
SHELTON, FREDERICK E., IV 2,816,890
SHELTON, FREDERICK E., IV 2,816,901
SHEN, NAN 2,817,405
SHI, FENG 2,816,798
SHINODA, TOMOYUKI 2,817,097
SHINTANI, PETER 2,816,703
SHINTANI, PETER 2,816,706
SHO, YOSHIYUKI 2,816,582
SICHUAN SUNFOR LIGHT CO., LTD. 2,817,167
SIEGERS, CONRAD 2,817,251
SIEMENS AKTIENGESELLSCHAFT 2,817,285
SIGNA CHEMISTRY, INC. 2,817,086
SIGWALD, RAINER 2,816,814
SIKKA, VINOD K. 2,817,309
SILBER, YVONNE BEATA 2,817,113
SILBERBAUER, KRISTIAN 2,817,052
SILKAITIS, DANIUS P. 2,816,888
SIMOES, LUIS 2,817,065
SIMONS, KEVIN 2,817,443
SIMPSON, THOMAS KIRK 2,817,248
SINGH, RAJENDRA 2,817,115
SINGH, RIPUDAMEN 2,817,390
SINGH, SANJAYA 2,816,950
SIPOS, EVA 2,816,952
SK CHEMICALS CO., LTD. 2,817,192
SKAKOON, JAMES G. 2,817,038
SKJÆRET, TORE 2,816,949

SKO FLO INDUSTRIES, INC. 2,816,701
SKOG, JOHAN KARL OLOV 2,817,111
SKOKOS, DIMITRIS 2,816,799
SLACK, JOHN HAMILTON 2,816,408
SLATER, MICHAEL R. 2,817,102
SLEEP SCIENCE LLC 2,817,061
SLINGLUFF, CRAIG L., JR. 2,816,854
SMART HUB PTE. LTD. 2,817,212
SMIT, PATRICK HENRI 2,816,647
SMITH, BRET W. 2,816,885
SMITH, BRET W. 2,816,890
SMITH, DAVID 2,816,858
SMITH, DUDLEY E. 2,817,281
SMITH, GALE 2,817,005
SMITH, SAGE FREDERICK 2,816,766
SMITH, SAGE FREDERICK 2,817,173
SMITH, SAMUEL 2,816,835
SMITH, SAMUEL 2,816,839
SMITH, SCOTT EDWARD 2,817,069
SMITH, TERRY MARLIN, JR. 2,816,766
SMITH, TYLER N. 2,816,923
SMITHERS, MICHAEL 2,816,889
SMUTNEY, CHAD C. 2,817,337
SNYDER, DANIEL EARL 2,817,001
SOARES, IGOR PRATA 2,816,998
SOBHANI, IRADJ 2,816,947
SOBOTKA, JOZEF 2,817,149
SOCIETE D'EXPLOITATION DE PRODUITS POUR LES INDUSTRIES CHIMIQUES SEPPIC 2,817,193
SOFTKINETIC SOFTWARE 2,817,443
SOHAL, VIKAAS 2,816,987
SOKEL, JUSTIN W. 2,817,012
SOLE ROJALS, JOEL 2,817,360
SOLINAS, ANTONIO 2,817,388
SOMA, PITCHAIAH 2,817,247
SOMERS, ELIZABETH BROOKE 2,816,991
SONG, XIANGRUI 2,817,405
SONY CORPORATION 2,816,541
SONY CORPORATION 2,816,703
SONY CORPORATION 2,816,706
SONY CORPORATION 2,816,724
SORENSEN, BRYAN K. 2,817,093
SOTTMANN, THOMAS 2,816,772
SPAHR, KEVIN B. 2,817,099
SPARROW, BENJAMIN STUART 2,816,746
SPIVAK, DAVID 2,816,928
SPRENGER, NORBERT 2,817,122
SRIVASTAVA, MOHIT 2,813,601
ST. JOHN, MICHAEL R. 2,816,565
ST. JUDE MEDICAL SYSTEMS AB 2,816,915
STAAS, DONNETTE D. 2,816,974
STAAS, DONNETTE D. 2,817,100
STAFFORD, RODDY KEVIN 2,816,575
STAHLE, FREDRIK 2,817,266
STAINLESS SYSTEMS, INC. 2,817,019
STAMIRES, DENNIS 2,816,692
STAND, JOSEPH A. 2,817,350
STANEK, KIMBERLY MELISSA 2,817,173
STARK, KIRSTEN V. 2,817,196
STAUFFER, CHRISTINA S. 2,817,376
STAUFFER, CHRISTINA S. 2,817,378
STEFFENSEN, SOREN 2,817,132
STEIN, KARIN ANN 2,816,753
STEIN, PETER 2,816,835
STEIN, PETER 2,816,839
STEINBRINK, SANDRA 2,817,331
STEMEN, PATRICK L. 2,817,196
STEPOVICH, MATTHEW J. 2,817,094
STEVENSON, HEATHER E. 2,816,974
STEVENSON, HEATHER E. 2,817,100
STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN 2,817,082
STINAUER, ROBERT J. 2,817,329
STOCKERT, GUNTHER 2,817,057
STOFFEL, WOLFGANG 2,817,270
STOKELY-VAN CAMP, INC. 2,816,736
STOKES, MICHAEL J. 2,816,885
STOKKELAND, KAJ 2,816,790
STORKAN, PAVEL 2,817,399
STOWELL, GRAYSON W. 2,817,337
STOWELL, MATTHEW A. 2,817,148
STRAFACE, SAMUEL F. 2,817,350
STREY, REINHARD 2,816,772
STROBEL, SYLVIA 2,816,725
STROBL, GEOFFREY S. 2,816,901
STROBL, GEOFFREY S. 2,816,979
STROBL, GEOFFREY S. 2,816,984
STULEN, FOSTER B. 2,816,885
STULEN, FOSTER B. 2,816,888
STULEN, FOSTER B. 2,816,890
STULEN, FOSTER B. 2,816,908
STULEN, FOSTER B. 2,816,981
STULEN, FOSTER B. 2,816,982
STULEN, FOSTER B. 2,816,984
STULEN, FOSTER B. 2,816,986
SU, HAI 2,816,871
SUBRAMANIYAM, MAHESH 2,817,040
SUBRAMANYAM, MAHESH 2,817,065
SUDO, YUSUKE 2,817,237
SUGANIT SYSTEMS, INC. 2,817,297
SUGAWARA, SATORU 2,817,190
SULZER METCO (US) INC. 2,816,903
SUMITOMO BAKELITE CO., LTD. 2,817,098
SUN, MIAO-KUN 2,808,660
SUNDELIN, TORE 2,817,230
SUTTERLIN, WILLIAM RUSTY 2,816,852
SUTTON, JAMES P. 2,817,208
SUZUKI, YOJI 2,814,072
SUZUKI, ZENETSU 2,817,098
SYNTHONICS, INC. 2,816,895
SYRETT, ALISON 2,817,382
SYSTEMS AND MATERIALS RESEARCH CORPORATION 2,816,864
SZOSTEK, BOGDAN 2,817,376
SZOSTEK, BOGDAN 2,817,378
TADDEI, MAURIZIO 2,817,388
TAI, ANNA W. 2,817,068
TAKAHASHI, MICHIAKI 2,816,796
TAKANO, HIROAKI 2,816,541
TAKASHIMA, MASANORI 2,814,072
TAKEUCHI, HIROAKI 2,786,027
TANDRUP, EGON 2,816,397
TANG, HAOCHEN 2,817,115
TANNER, REIJO 2,817,185
TANNER, REIJO 2,817,186
TARDIF, JOHN 2,817,226
TARGEGEN, INC. 2,816,957
TARKETT INC. 2,817,406
TAYLOR, JAMES 2,816,925
TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD. 2,816,789
TEFFERI, AYALEW 2,816,957
TEGEDER, IRMGARD 2,816,911
TEGEN, MARK G. 2,816,852
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,816,793
TEMPLIN, MICHAEL V. 2,817,014
TENGION, INC. 2,817,206
TERAMOTO, MASAAKI 2,816,688
TERAO, KIMIO 2,817,216
TERATANI, TAKUMI 2,817,172
TERRENO, ENZO 2,816,948
TERRIER, OLIVIER 2,816,838
TEUCHER, AXEL 2,816,811
TEUCHER, AXEL 2,816,812
TEUCHER, AXEL 2,816,825
TEUCHER, AXEL 2,816,833
TEVER TECHNIK VERTRIEBS- UND BETEILIGUNGS- GMBH & CO. BERATUNGS KG 2,817,403
TEVOSYAN, KAHREN 2,813,601
THE BOARD OF TRUSTEES OF THE LELAND STANDFORD JUNIOR UNIVERSITY 2,816,976
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,816,971
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,816,972
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,816,987
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,816,990
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,817,175
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,817,197
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNOR UNIVERSITY 2,816,968
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,817,311

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, A BODY CORPORATE AN D POLITIC 2,816,995
THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE 2,817,098
THE CHINESE UNIVERSITY OF HONG KONG 2,817,370
THE COCA-COLA COMPANY 2,817,372
THE ESAB GROUP, INC. 2,816,545
THE FIRST AFFILIATED HOSPITAL, THIRD MILITARY MEDICAL UNIVERSITY, PLA 2,817,263
THE GENERAL HOSPITAL CORPORATION 2,817,250
THE GENERAL HOSPITAL CORPORATION 2,817,311
THE GILLETTE COMPANY 2,817,069
THE GOVERNMENT OF THE UNITED STATE OF AMERICA, AS REPRESENTED BY THE SEC RETARY OF THE NAVY 2,816,909
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 2,816,929
THE IAMS COMPANY 2,817,171
THE JOHNS HOPKINS UNIVERSITY 2,816,977
THE LUBRIZOL CORPORATION 2,817,127
THE NANOSTEEL COMPANY, INC. 2,816,845
THE NORDAM GROUP, INC. 2,817,200
THE OHIO STATE UNIVERSITY 2,816,800
THE PROCTER & GAMBLE COMPANY 2,816,409
THE PROCTER & GAMBLE COMPANY 2,816,735
THE PROCTER & GAMBLE COMPANY 2,817,253
THE PROCTER & GAMBLE COMPANY 2,817,261
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,816,910
THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY 2,816,796
THE UNIVERSITY OF BRITISH COLUMBIA 2,816,925
THE UNIVERSITY OF TOLEDO 2,817,297
THELEN, HANS-GUNTER 2,816,969
THERAVANCE, INC. 2,817,368
THOLLOT, JULIEN 2,817,443
THOMAS, IAN 2,817,155
THOMAS, RICHARD D. 2,817,325
THOMAS, WILLIAM DAVID 2,816,753
THRUSH, RICH 2,814,956
THUERINGISCHES INSTITUT FUER TEXTIL- UND KUNSTSTOFF-FORSCHUNG E.V. 2,817,268
THUNDER BAY REGIONAL RESEARCH INSTITUTE 2,817,104
TIANJIN CHASESUN PHARMACEUTICAL CO., LTD 2,817,263
TIDAL ENERGY LIMITED 2,817,321
TIMM, RICHARD W. 2,816,875
TIMM, RICHARD W. 2,816,888
TIMM, RICHARD W. 2,816,899
TINEMBART, JEAN-FRANCOIS 2,817,275
TINGSKOV, CARSTEN NOMMENSEN 2,817,052
TIRKSCHLEIT, MARC 2,817,023
TKACZYK, TOMASZ S. 2,816,726
TKACZYK, TOMASZ S. 2,816,728
TOAFF, YAIR 2,817,119
TOBIASZ, REBECCA LYNN 2,817,208
TOCAGEN INC. 2,816,570
TOCINOS DIAZ, JUAN CARLOS 2,817,443
TODERICI, GEORGE 2,817,103
TOEGEL, STEFAN 2,817,177
TOMLINSON, IAN A. 2,816,718
TOMMASI, SIMONA 2,817,205
TONER, MEHMET 2,817,311
TONG, ANDREW S. 2,816,800
TOOGOOD, PETER L. 2,816,753
TOPKIP B.V. 2,817,409
TOPOL, ANNA WANDA 2,817,125
TORAY INDUSTRIES, INC. 2,817,097
TORII, ATSUSHI 2,816,536
TORT, FREDERIC 2,817,401
TOTAL PIPING SOLUTIONS, INC. 2,816,892
TOTAL RAFFINAGE MARKETING 2,816,666
TOTAL RAFFINAGE MARKETING 2,816,938
TOTAL RAFFINAGE MARKETING 2,817,401
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,786,027
TRANIER, JEAN-PIERRE 2,817,189
TRANSITIONS OPTICAL, INC. 2,817,146
TRANSLUMINAL TECHNOLOGIES, INC. 2,816,863
TRANSLUMINAL TECHNOLOGIES, LLC 2,817,203
TREIBER, LASZLO, R. 2,817,249
TRICORD SOLUTIONS, INC. 2,816,941
TRILOKEKAR, NIKHIL S. 2,817,342
TRINH, KHOI Q. 2,817,118
TRUEPOSITION, INC. 2,817,247
TRUEPOSITION, INC. 2,817,361
TSAI, MINGLIANG LAWRENCE 2,816,861
TSAI, PING-CHUAN 2,817,197
TSE, CHRIS 2,817,093
TSIN, HENRY 2,816,746
TUFTS MEDICAL CENTER, INC. 2,816,762
TUNE, MICHAEL P. 2,817,068
TWENTYFOURSEVEN HOLDING AB 2,816,794
TYCO ELECTRONICS CORPORATION 2,816,730
TYE, KAY 2,816,968
UBE INDUSTRIES, LTD. 2,816,994
UCHIDA, TAKANORI 2,817,098
UGGERI, FULVIO 2,816,948
UHDENORA S.P.A. 2,817,164
ULTRAFAB, INC. 2,816,922
UMC UTRECHT HOLDING B.V. 2,816,797
UNG, JANE 2,816,983
UNIFRAX I LLC 2,816,880
UNIFRAX I LLC 2,816,882
UNIFRAX I LLC 2,816,924
UNILEVER PLC 2,817,276
UNIVERSITAETSKLINIKUM FREIBURG 2,816,913
UNIVERSITE CLAUDE BERNARD LYON 1 2,816,838
UNIVERSITE DE MONTPELLIER 1 2,816,827
UNIVERSITE DE MONTPELLIER 2 SCIENCES ET TECHNIQUES 2,816,827
UNIVERSITE JOSEPH FOURIER - GRENOBLE 1 2,817,176
UNIVERSITE PARIS XII VAL DE MARNE 2,816,947
UNIVERSITE VICTOR SEGALEN - BORDEAUX 2 2,816,873
UNIVERSITEIT GENT 2,816,912
UNIVERSITEIT LEIDEN 2,817,082
UNIVERSITEIT UTRECHT HOLDING B.V. 2,817,082
UNIVERSITY OF DUNDEE 2,816,838
UNIVERSITY OF SOUTHERN CALIFORNIA 2,816,818
UNIVERSITY OF VIRGINIA PATENT FOUNDATION 2,816,854
URNOV, FYODOR 2,817,355
URQUHART, ANDREW 2,817,195
URTEL, BOLETTE 2,817,174
UTTER, MAX EVERETT II 2,817,145
UTTER, MAX EVERETT II 2,817,341
UTTER, MAX EVERETT, II 2,817,048
VAGLE, KURT 2,817,002
VAJJHALA, PRASAD 2,817,115
VAKHARIA, OMAR J. 2,816,888
VAN DEN HONDEL, CORNELIS ANTONIUS MARIA JACOBUS JOHANNES 2,817,082
VAN GERWEN, HENDRIKUS PETRUS GERARDUS 2,817,280
VAN GRONINGEN, DAVID 2,817,010
VAN HEEKE, GINO 2,817,132

# Index of PCT Applications Entering the National Phase


VAN HET SCHIP, ALFRED DIRK 2,816,797
VAN ROOIJ, EVA 2,817,371
VAN STUIJVENBERG, WIM 2,817,409
VAN VELTHOVEN, AD 2,817,010
VANDENBROUCKE, ROOSMARIJN 2,816,912
VANHUIS, CHAD A. 2,816,753
VANIER, NOEL R. 2,817,107
VANKUYK, PATRICIA ANN 2,817,082
VARANASI, SASIDHAR 2,817,297
VENTANA MEDICAL SYSTEMS, INC. 2,817,374
VERBIO VEREINIGTE BIOENERGIE AG 2,816,964
VERENIGING VOOR CHRISTELIJK HOGER ONDERWIJS, WETENSCHAPPELIJK ONDERZOEK EN PATIEENTENZORG 2,817,082
VERHAEGHE CHALETS & SAUNA NV 2,816,951
VERHAEGHE, THOMAS DANIEL ANTOON 2,816,951
VERNUCCI, PAUL 2,817,106
VERSATILE TECHNOLOGIES LTD 2,817,116
VERSTEYLEN, SAYANDRO 2,817,006
VETTER, INGO 2,817,062
VIB VZM 2,816,912
VIEL, CYRILLE 2,817,134
VIERNSTEIN, HELMUT 2,817,177
VINOY, BERNARD 2,817,162
VIRGINIA TECH INTELLECTUAL PROPERTIES, INC. 2,816,970
VISSER, JACOB 2,817,082
VITALI, ANTONIO 2,816,857
VITNER, ASHER 2,816,795
VIVAS DUARTE, DIANA ALEXANDRA 2,817,082
VOCADLO, DAVID J. 2,816,798
VOEGELE, AARON C. 2,816,984
VOET, ARNOUT 2,817,165
VOITH PATENT GMBH 2,816,837
VOLK, BALAZS 2,816,952
VOLKE, ANDREAS 2,817,403
VOLKE, GUNTHER 2,817,403
VOLLENWEIDER, LAURA 2,817,215
VOLPE, LINDA 2,817,364
VON WERNE, TIMOTHY 2,816,840
VOURNAKIS, JOHN N. 2,816,999
VUILLEUMIER STUECKELBERG, MARC 2,817,109
VYSERA BIOMEDICAL LIMITED 2,816,992
W. L. GORE & ASSOCIATES, INC. 2,816,954
W. L. GORE & ASSOCIATES, INC. 2,817,029
W.L. GORE & ASSOCIATES, INC. 2,817,012
WAAS, STEVE 2,816,409
WADA, TAMAKI 2,817,172
WADAHARA, EISUKE 2,817,097
WADE, DEVIN 2,817,055
WAKERLY, MICHAEL JOHN 2,814,007
WALKER, DAVID 2,816,925
WALL, JONATHAN 2,814,007
WALLACE, ANDREW P. 2,817,086
WALLESER, JASON K. 2,816,845
WALSH, STEVE 2,816,669
WALTER, MAXIMILIAN 2,816,969
WALTERS, MICHAEL 2,817,187
WALTERS, ROB 2,817,146
WALTERS, SEAN 2,816,960
WAN, SHANHONG 2,816,991
WANG, CHENG 2,816,974
WANG, CHENG 2,817,100
WANG, DAN 2,817,211
WANG, DAXIANG 2,817,110
WANG, FEI 2,816,800
WANG, NING 2,817,263
WANG, YAODE 2,816,798
WANG, YILING SU 2,817,340
WANG, YING-YING 2,816,977
WANG, YUE 2,816,403
WANG, YUJUN 2,816,722
WANG, ZHAN 2,816,753
WARMUS, JAMES L. 2,817,077
WASHBURN, ADAM L. 2,816,995
WATERS, JAMES R. 2,816,760
WATERS, SANDRA LYNN 2,817,125
WATKINS, NICHOLAS 2,817,311
WATSON, NIGEL S. 2,816,578
WAVE ACCOUNTING INC. 2,817,248
WEATHERFORD/LAMB, INC. 2,814,239
WEBB, CHRIS 2,816,850
WEBB, NIGEL L. 2,817,218
WEBER, HEIKE 2,817,174
WEBER, RAINER 2,817,164
WEE, ARNSTEIN 2,816,960
WEED, JOHN A., III 2,816,908
WEGELIN, JACKSON 2,817,080
WEI, GUO 2,817,263
WEI, XINYI 2,816,553
WEI, ZHONGYONG 2,816,798
WEINFELD, MICHAEL 2,816,929
WEIZMAN, PATRICK A. 2,816,901
WERLE, MICHAEL J. 2,816,723
WEST WIRELESS HEALTH INSTITUTE 2,816,894
WETMORE, ALEXANDER 2,817,230
WHITE, JEDIAH 2,817,215
WHITE, KELLY M. 2,814,956
WHITMORE, ROBERT S., JR. 2,817,099
WIECEK, GLENN N. 2,817,252
WIERSEMA, DALE T. 2,816,545
WILD, ANDRE 2,816,925
WILLIAM MARSH RICE UNIVERSITY 2,816,726
WILLIAM MARSH RICE UNIVERSITY 2,816,728
WILLIAMS, MICHAEL C. 2,817,229
WILLIAMS, PETER 2,817,153
WILLIAMS, WILLIAM R. 2,817,110
WILLIFORD, MATTHEW A. 2,816,727
WILLIS, JOHN W. 2,816,878
WILLIS, JOHN W. 2,816,888
WILLIS, JOHN W. 2,816,890
WILLIS, JOHN W. 2,816,986
WILSON, AMANDA JANE 2,814,956
WILSON, EMILY N. 2,817,196
WILSON, GREGORY J. 2,816,409
WILSON, PAUL B. 2,817,063
WILSON, STEPHEN L. 2,817,243
WILSONART, LLC. 2,816,740
WINARSKI, DANIEL JAMES 2,817,125
WINGE, STEFAN 2,817,096
WINKLE, JOSEPH RAYMOND 2,817,001
WINN, JOHN 2,817,230
WISEMAN, MATTHEW 2,817,340
WITTEN, ILANA 2,816,976
WITTLE, J. KENNETH 2,817,060
WITZIGREUTER, JOHN 2,816,941
WOGULIS, JAMES L. 2,816,847
WOLF, TOM 2,817,115
WOLLBRINCK, JAMES 2,817,153
WOLTERING, PETER 2,817,164
WOLTERS, THOMAS 2,817,053
WON, BETTY 2,817,046
WONG, CHI SHING 2,816,956
WOOD, KEITH V. 2,817,102
WOOD, MONIKA G. 2,817,102
WOOD, THOMAS 2,816,918
WOODGATE, GRAHAM JOHN 2,817,044
WOODLEY, DAVID T. 2,816,818
WOODRUFF, MARK 2,817,243
WORRELL, BARRY C. 2,816,981
WORRELL, BARRY C. 2,816,984
WRIGHT, ALLEN RICHARD 2,817,335
WRIGHT, ALLEN RICHARD 2,817,351
WU, AMY 2,816,998
WU, CHUN 2,817,015
WU, XIAO-HUI 2,816,931
WUCHERER-PLIETKER, MARGARITA 2,816,896
XIAMEN NEW STEEL METAL PRODUCTS CO., LTD. 2,817,267
XING, FEI 2,817,405
XTUIT PHARMACEUTICALS, INC. 2,817,250
XU, FANGMIN 2,817,215
XU, XIANGLING 2,817,107
XU, ZHIYUE 2,816,744
YAMAMOTO, KEIICHIROU 2,816,997
YAMANISHI, KOICHI 2,816,796
YAMANOUCHI, MASSAHIRO 2,817,097
YAN, QIFENG 2,817,181
YANG, JINGCHENG 2,817,263
YANG, MING 2,816,977
YANG, PENG 2,817,405
YANG, WEILONG 2,817,103
YANG, XIAOGEN 2,816,963
YANG, YANG 2,817,263
YATES, DAVID C. 2,816,878
YATES, DAVID C. 2,816,888
YATES, DAVID C. 2,816,890
YATES, DAVID C. 2,816,981
YEATON, ERIC D. 2,817,303
YEH, SABRINA TAI-CHEN 2,816,724

| | |
|---|---|
| YHUEL, GREGORY | 2,817,027 |
| YILDIRIM, ALI CEM | 2,814,956 |
| YILDIZYAN, ALEKSAN | 2,814,956 |
| YIN, PENG | 2,817,066 |
| YIZHAR, OFER | 2,816,971 |
| YIZHAR, OFER | 2,816,990 |
| YKK CORPORATION | 2,816,582 |
| YONESHIMA, HISASHI | 2,816,582 |
| YOO, YOUNG-MAN | 2,817,192 |
| YOSHIDA, TAKANORI | 2,816,582 |
| YOSHIDA, TOMONARI | 2,816,582 |
| YOSHINAGA, NORIHIRO | 2,817,172 |
| YOUNG, BRUCE E., SR. | 2,816,740 |
| YOUNG, GORDON PETER | 2,816,809 |
| YOUNG, GORDON PETER | 2,816,816 |
| YOUNG, GORDON PETER | 2,816,921 |
| YOUNG, SCOTT A. | 2,816,823 |
| YPMA, MARCO | 2,817,050 |
| YU, CHRIS CHANG | 2,817,283 |
| YU, WILLIAM EMMANUEL S. | 2,817,212 |
| ZAFGEN, INC. | 2,817,199 |
| ZAHNISER, DAVID | 2,817,303 |
| ZAHRADNIK, ANTON F. | 2,816,823 |
| ZAHROOF CORP. | 2,816,820 |
| ZALEWSKI, JEFF | 2,817,094 |
| ZAMANSKY, IRINA | 2,817,249 |
| ZAPPE, HAROLD | 2,816,722 |
| ZARTMAN, BLAIR C. | 2,816,974 |
| ZARTMAN, C. BLAIR | 2,817,100 |
| ZE ENERGY INC. | 2,817,375 |
| ZEHNACKER, OLIVIER | 2,817,264 |
| ZHANG, ALICE YA HONG | 2,816,937 |
| ZHANG, DAVID YU | 2,817,066 |
| ZHANG, HAIMING | 2,817,112 |
| ZHANG, HONGJIE | 2,817,167 |
| ZHANG, JIN | 2,817,171 |
| ZHANG, LI | 2,817,167 |
| ZHANG, MING | 2,817,167 |
| ZHANG, SUSHU | 2,817,196 |
| ZHANG, XIAOPING | 2,817,216 |
| ZHAO, JIA X. | 2,817,121 |
| ZHAO, JIANGQIONG | 2,816,963 |
| ZHAO, KECEN | 2,817,263 |
| ZHAO, KUN | 2,817,167 |
| ZHAO, MATTHEW MANGZHU | 2,816,963 |
| ZHENG, JIANG | 2,817,263 |
| ZHENG, JINGJING | 2,817,267 |
| ZHENG, XINCHUAN | 2,817,263 |
| ZHENG, YANAN | 2,817,380 |
| ZHENG, YUFEI | 2,817,267 |
| ZHOU, HONG | 2,817,263 |
| ZHOU, HUAQIANG | 2,816,644 |
| ZHOU, YUANXI | 2,816,798 |
| ZHU, QIBO | 2,817,051 |
| ZHU, SHAWN | 2,817,187 |
| ZHU, XIANGYANG | 2,816,950 |
| ZHU, YONGBAO | 2,816,798 |
| ZHU, YUANFENG | 2,817,263 |
| ZIEBEL AS | 2,816,790 |
| ZIMMER, INC. | 2,817,207 |
| ZINGMAN, ARON O. | 2,816,878 |
| ZINGMAN, ARON O. | 2,816,888 |
| ZINGMAN, ARON O. | 2,816,890 |
| ZINGMAN, ARON O. | 2,816,986 |
| ZINOBILE, RAYMOND | 2,816,898 |
| ZIPBUDS, LLC | 2,816,783 |
| ZIPKIN, ROBERT ELLIOT | 2,817,202 |
| ZOLLER, FRANK | 2,817,244 |
| ZUKOWSKI, STANISLAW L. | 2,817,012 |

# Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

# Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant


ALNYLAM PHARMACEUTICALS, INC. 2,815,554
ARMS REACH CONCEPTS, INC. 2,815,854
ARMSTRONG, ORONDE J. 2,814,779
BADAWY, WAEL 2,812,890
BATENBURG, GREGORY A. 2,809,495
BECTON, DICKINSON AND COMPANY 2,816,870
BECTON, DICKINSON AND COMPANY 2,816,874
BLATTMANN, LEE DAVID 2,816,168
BROWN, GARRETT W. 2,815,881
BUSH, SHAWN D. 2,815,550
BUSH, SHAWN D. 2,815,730
BUSH, SHAWN D. 2,815,734
CHANDRA, ARTY 2,813,252
CHEN, HAUNN-LIN TONY 2,815,552
CHEON, MIN-SU 2,816,467
CHEON, MIN-SU 2,816,755
CHORNET, ESTEBAN 2,814,773
CHORNET, MICHEL 2,814,773
COATTA, JASON J. 2,809,495
CROCKETT, DOUGLAS M. 2,813,504
CROCKETT, DOUGLAS M. 2,813,536
CROCKETT, DOUGLAS M. 2,813,744
CYTEC TECHNOLOGY CORP. 2,815,552
DAMS, FRANCIS 2,816,887
DAWE, DANIEL J. 2,814,779
DE FOUGEROLLES, ANTONIN 2,815,554
EDGE, STEPHEN W. 2,813,527
FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC 2,814,779
FRACTAL SYSTEMS, INC. 2,814,773
FRANK-KAMENETSKY, MARIA 2,815,554
GOLDSPINK, LACHLAN RICHARD 2,816,168
GRIFFIN, CHRISTOPHER J. 2,816,461
HADWIGER, PHILIPP 2,815,554
HAN, WOO-JIN 2,816,467
HAN, WOO-JIN 2,816,755
HARRIS CANADA SYSTEMS, INC. 2,813,511
HAYNES, CLINTON A. 2,816,870
HAYNES, CLINTON A. 2,816,874
HAYS, PAUL J. 2,816,881
HEITNER, HOWARD I. 2,815,552
HENGEVELD, THOMAS ANDREW 2,813,511
HERAEUS ELECTRO-NITE INTERNATIONAL N.V. 2,816,887
I-CON SYSTEMS, INC. 2,815,550
I-CON SYSTEMS, INC. 2,815,730
I-CON SYSTEMS, INC. 2,815,734
INTELLIVIEW TECHNOLOGIES INC. 2,812,890
INTERDIGITAL TECHNOLOGY CORPORATION 2,813,252
JANKY, WILLIAM OSCAR 2,813,511
JOHNS MANVILLE 2,816,461
KIM, BYOUNG-HOON 2,813,506
KIM, BYOUNG-HOON 2,813,770
LEE, SUN-IL 2,816,467
LEE, SUN-IL 2,816,755
LOHR, CHARLES B. 2,814,779
LYNN, MICHAEL R. 2,816,891
MAGGENTI, MARK 2,813,504
MAGGENTI, MARK 2,813,536
MAGGENTI, MARK 2,813,744
MALLADI, DURGA PRASAD 2,813,506
MALLADI, DURGA PRASAD 2,813,770
MANOHARAN, MUTHIAH 2,815,554
MARTIN, BRUCE 2,815,854
MARTINEZ, DENNIS MICHAEL 2,813,511
MCANALLY, CRAIG B. 2,816,881
MICRO MOTION, INC. 2,816,881
MILLER, DONALD C. 2,814,779
MONTOJO, JUAN 2,813,506
MONTOJO, JUAN 2,813,770
NELSEN, DANIEL 2,815,551
NELSEN, DANIEL 2,815,594
NELSEN, DANIEL 2,815,770
NESTI, BRYAN KEITH 2,816,461
NEWBY, C. MARK 2,816,870
NEWBY, C. MARK 2,816,874
NICHOLS, JON M. 2,814,779
ODENWALDER, JOSEPH P. 2,813,507
PAREKH, NILESH 2,813,537
PETRIE, AIDAN 2,815,551
PETRIE, AIDAN 2,815,594
PETRIE, AIDAN 2,815,770
POHL, BRAD P. 2,814,779
POTH, WESLEY R. 2,814,779
PRAKASH, RAJAT 2,813,537
QUALCOMM INCORPORATED 2,813,504
QUALCOMM INCORPORATED 2,813,506
QUALCOMM INCORPORATED 2,813,507
QUALCOMM INCORPORATED 2,813,527
QUALCOMM INCORPORATED 2,813,536
QUALCOMM INCORPORATED 2,813,537
QUALCOMM INCORPORATED 2,813,744
QUALCOMM INCORPORATED 2,813,770
RAJEEV, KALLANTHOTTATHIL G. 2,815,554
ROSEN, ERIC 2,813,504
ROSEN, ERIC 2,813,536
ROSEN, ERIC 2,813,744
RUDDUCK, DICKORY 2,816,168
SAMSUNG ELECTRONICS CO., LTD. 2,816,467
SAMSUNG ELECTRONICS CO., LTD. 2,816,755
SARKAR, SANDIP 2,813,506
SARKAR, SANDIP 2,813,770
SEUTENS, FRANK 2,816,887
SIMISTER, MATTHEW P. 2,814,779
SMITHSON, ROBERT A. 2,814,779
SONG, WEIXIN D. 2,816,891
SPITZER, DONALD P. 2,815,552
STAPLES THE OFFICE SUPERSTORE, LLC 2,815,551
STAPLES THE OFFICE SUPERSTORE, LLC 2,815,594
STAPLES THE OFFICE SUPERSTORE, LLC 2,815,770
STATES, ROBERT F., III 2,816,874
STATES, ROBERT G., III 2,816,870
STOCK, THOMAS JUSTIN 2,816,461
SUBRAMANIAN, RAMACHANDRAN 2,813,527
TAYLOR, MATTHEW L. 2,815,552
TELEZYGOLOGY INC. 2,816,168
TERRY, STEPHEN E. 2,813,252
THOMASSY, FERNAND A. 2,814,779
ULUPINAR, FATIH 2,813,537
UNITED STATES GYPSUM COMPANY 2,816,891
WANG, JIN 2,813,252
WESTPORT POWER INC. 2,809,495
WHITAKER, ROBERT CHARLES 2,816,887
WILKINSON, BRADLEY M. 2,816,870
WILKINSON, BRADLEY M. 2,816,874
YU, QIANG 2,816,891
ZINS, KENNETH 2,815,551
ZINS, KENNETH 2,815,594
ZINS, KENNETH 2,815,770