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Canada

CIPO OPIC

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.

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

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

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Table of Contents
Table des matières

Notices
Avis 1

Canadian Patents Issued
Brevets canadiens délivrés 21

Canadian Applications Open to Public Inspection
Demandes canadiennes mises à la disponibilité du public 93

PCT Applications Entering the National Phase
Demandes PCT entrant en phase nationale 113

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 191

Index of Canadian Patents Issued
Index des brevets canadiens délivrés 199

Index of Canadian Applications Open to Public Inspection
Index des demandes canadiennes mises à la disponibilité du public 213

Index of PCT Applications Entering the National Phase
Index des demandes PCT entrant en phase nationale 217

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 231

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application

[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

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

Dates

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

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » . Ces codes sont utilisés pour l'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 on request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

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

none

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

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

aucun

9. Applications Open to Public Inspection

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

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 September 1st, 2012

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1445***
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.

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

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1445 $***
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

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

4. Late payment fee

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

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$217**

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

* International fees will be reduced by:

- **$109** for all applications filed using PCT-EASY,
-
- **$217** for all applications filed electronically using PCT-SAFE (The request in character coded format).
- **$326** for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

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

4. Taxe pour paiement tardif

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

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **217 $**

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

* Les frais seront réduits de:

- **$109** pour toutes les demandes déposées en utilisant PCT-EASY,
- **$217** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- **$326** 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

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

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

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

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

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

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

13. Énoncé de pratique

JOURS FÉRIÉS

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

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

Time limits under the Patent Cooperation Treaty

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

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:
(i) on which such Office or organization is not open to the public for the purposes of the transaction of official business;

(ii) on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
(iii) which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
(iv) which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

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

Loi sur les dessins industriels, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :
"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour
i) où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii) où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
iii) qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
iv) qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

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

Jours fériés provinciaux ou territoriaux

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

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day)
1st Monday in August (Civic Holiday)

6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day)
When Patent and Trade-marks Offices are closed for business

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

1) All Saturdays and Sundays
2) *New Year's Day (Jan. 1)
3) Good Friday
4) Easter Monday
5) Victoria Day - First Monday immediately preceding May 25

6) *St. John the Baptist Day (June 24)
7) *Canada Day (July 1)
8) Labour Day - First Monday in September
9) Thanksgiving Day - Second Monday in October
10) *Remembrance Day (November 11)
11) *Christmas Day (December 25)
12) Boxing Day (December 26)

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

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

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 :

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

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

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

14. Practice notice

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

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

14. Énoncé de pratique

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

15. 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.

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

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

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

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

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

Téléchargez le formulaire de paiements.

Notices

1. Designated Establishments

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

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

2. Industry Canada
   5 Place Ville-Marie, Suite 700
   Montreal QC H3B 2G2
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037
3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

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

1. Établissements désignés

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

1. Industrie Canada
   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.

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.

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.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.
Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Notices

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

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

3.1 Facsimile

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

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

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

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

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

Patents

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

3.2 Online

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

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

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

3.1 Correspondance par télécopieur

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

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

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

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'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.

Avis

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:
•filing an application (regular application);
•filing a request for national entry;
•filing an international application (PCT Safe);
•general correspondence relating to applications and patents;
•maintaining the name of a patent agent on the register of patent agents;
•ordering copies in paper, or electronic form of a document.

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.

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.

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.

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.

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

Industrial Designs

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

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

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 intégrés

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

•correspondance générale relative aux topographies de circuits intégrés

3.3 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 702 of Part 7 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

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

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

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

* 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

Photographs in JPEG Format:

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

Format TIFF

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

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

ASCII

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

Dessins industriels

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

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

Format TIFF:

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

Photographies en format JPEG :

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

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

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

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

16. Erratum

The information concerning application number 2,743,245 referred to under the section "PCT Applications Entering the National Phase" of the Canadian Patent Office Record of August 2, 2011 was incorrect. Please note that no application was open to public inspection under this number.

2,743,245

17. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 4, 2012 contains applications open to public inspection from November 11, 2012 to November 17, 2012

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

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

5. Renseignements généraux

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

16. Erratum

Les renseignements ayant trait au numéro 2,743,245 apparaissant sous la section "Demandes PCT entrant en phase nationale" dans la Gazette du Bureau des brevets du 2 Août 2011, étaient erronés. Veuillez noter que le numéro n'a été mise à la disponibilité du public sous ce numéro.

2,743,245

17. Demandes canadiennes mises à la disponibilité du public

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 11 novembre 2012 au 17 novembre 2012

Avis

Canadian Patents Issued

December 4, 2012

Brevets canadiens délivrés

4 decembre 2012

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[11] **2,210,484**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/00 (2006.01) A61K 45/06 (2006.01) C07K 16/22 (2006.01) C07K 16/24 (2006.01) C07K 16/26 (2006.01)**
[25] EN
[54] **COMPOSITION TO AMELIORATE OSTEOLYSIS AND METASTASIS**
[54] **PROCEDE VISANT A INHIBER L'OSTEOLYSE ET LES METASTASES**
[72] YONEDA, TOSHIYUKI, US
[72] MUNDY, GREGORY R., US
[72] GUISE, THERESA A., US
[73] XENOTECH INCORPORATED, US
[85] 1997-07-15
[86] 1996-01-23 (PCT/US1996/000895)
[87] (WO1996/022790)
[30] US (08/376,359) 1995-01-23
[30] US (08/386,361) 1995-02-09
[30] US (08/481,088) 1995-06-06

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[11] **2,212,456**
[13] C
[51] **Int.Cl. C12N 9/54 (2006.01) C11D 3/386 (2006.01) C12N 1/20 (2006.01) C12S 11/00 (2006.01) D06M 16/00 (2006.01)**
[25] EN
[54] **BACILLUS PROTEASES**
[54] **PROTEASES DE BACILLUS**
[72] OUTTRUP, HELLE, DK
[72] CONRAD, LARS SPARRE, DK
[73] NOVOZYMES A/S, DK
[85] 1997-08-07
[86] 1996-02-08 (PCT/DK1996/000061)
[87] (WO1996/024666)
[30] DK (0157/95) 1995-02-10
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[11] **2,222,509**
[13] C
[51] **Int.Cl. C12N 15/18 (2006.01) A61K 31/70 (2006.01) A61K 38/00 (2006.01) A61K 38/16 (2006.01) A61K 38/18 (2006.01) A61K 39/395 (2006.01) C07K 14/475 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **CONNECTIVE TISSUE GROWTH FACTOR**
[54] **FACTEUR DE CROISSANCE DES TISSUS CONJONCTIFS**
[72] BRADHAM, DOUGLASS M., US
[72] GROTENDORST, GARY R., US
[73] UNIVERSITY OF SOUTH FLORIDA, US
[85] 1997-11-26
[86] 1996-05-31 (PCT/US1996/008140)
[87] (WO1996/038172)
[30] US (08/459,717) 1995-06-02

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[11] **2,241,267**
[13] C
[51] **Int.Cl. C12N 15/81 (2006.01) C12N 1/19 (2006.01) C12N 9/00 (2006.01) C12N 9/02 (2006.01) C12N 9/10 (2006.01) C12N 9/90 (2006.01) C12N 15/10 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12P 21/00 (2006.01) C12P 23/00 (2006.01)**
[25] EN
[54] **IMPROVED METHODS FOR TRANSFORMING PHAFFIA STRAINS, TRANSFORMED PHAFFIA STRAINS SO OBTAINED AND RECOMBINANT DNA IN SAID METHODS**
[54] **AMELIORATIONS APPORTEES A DES METHODES POUR TRANSFORMER DES SOUCHES DE PHAFFIA, SOUCHES DE PHAFFIA AINSI OBTENUES ET ADN DE RECOMBINAISON OBTENU SELON LESDITES METHODES**
[72] WERY, JAN, NL
[72] VERDOES, JAN CORNELIS, NL
[72] VAN OOIJEN, ALBERT JOHANNES JOSEPH, NL
[73] DSM IP ASSETS BV, NL
[85] 1998-06-22
[86] 1996-12-23 (PCT/EP1996/005887)
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[30] EP (95203620.0) 1995-12-22
[30] EP (96200943.7) 1996-04-11

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[13] C
[51] **Int.Cl. A61K 38/47 (2006.01) A61K 38/51 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT FOR HERNIATED INTERVERTEBRAL DISC**
[54] **AGENT THERAPEUTIQUE POUR DISQUE INTERVERTEBRAL HERNIE**
[72] ISHIKAWA, HIROKI, JP
[72] NOHARA, YUTAKA, US
[73] SEIKAGAKU CORPORATION, JP
[22] 1998-08-21
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[11] **2,261,630**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/505 (2006.01) A61K 38/00 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **ANTI-TNF ANTIBODIES AND METHOTREXATE IN THE TREATMENT OF AUTOIMMUNE DISEASE**
[54] **ANTICORPS ANTI FACTEUR DE NECROSE TUMORALE ET METHOTREXATE DANS LE TRAITEMENT DES MALADIES AUTO-IMMUNES**
[72] MAINI, RAVINDER NATH, GB
[72] FELDMANN, MARC, GB
[73] THE KENNEDY INSTITUTE OF RHEUMATOLOGY, GB
[85] 1999-01-25
[86] 1997-08-01 (PCT/GB1997/002058)
[87] (WO1998/005357)
[30] US (08/690,775) 1996-08-01

[11] **2,286,021**
[13] C
[51] **Int.Cl. F16L 19/10 (2006.01)**
[25] EN
[54] **FERRULE WITH RELIEF TO REDUCE GALLING**
[54] **FERRULE A EXPANSION PERMETTANT DE REDUIRE LE GRIPPAGE**
[72] WILLIAMS, PETER C., US
[72] KUHNS, HOWARD C. B., US
[72] MCMILLAN, DAVID A., US
[73] SWAGELOK COMPANY, US
[85] 1999-10-12
[86] 1998-04-14 (PCT/US1998/007202)
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[30] US (08/834,255) 1997-04-15
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[11] **2,309,727**
[13] C
[51] **Int.Cl. C12N 15/88 (2006.01) A61K 9/127 (2006.01) A61K 48/00 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS FOR ENCAPSULATING NUCLEIC ACIDS IN LIPID BILAYERS**
[54] **METHODES D'ENCAPSULATION D'ACIDES NUCLEIQUES DANS DES BICOUCHES LIPIDIQUES**
[72] WHEELER, JEFFERY J., CA
[72] CULLIS, PIETER R., CA
[72] SARAVOLAC, EDWARD G., CA
[72] ZHANG, YUAN-PENG, CA
[72] SCHERRER, PETER, CA
[72] LUDKOVSKI, OLGA, CA
[72] KOJIC, LJILJANA D., CA
[73] TEKMIRA PHARMACEUTICALS CORPORATION, CA
[85] 2000-05-10
[86] 1998-10-09 (PCT/US1998/021500)
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[51] **Int.Cl. B29D 30/54 (2006.01) B26D 3/06 (2006.01) B29C 35/02 (2006.01) B29D 30/00 (2006.01) B29D 30/68 (2006.01)**
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[54] **METHOD AND APPARATUS FOR PREPARING TIRE TREAD FOR A RETREAD TIRE**
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[54] **LECTEUR DE SUPPORT D'ENREGISTREMENT EN FORME DE DISQUE, PROCEDE ET APPAREIL DE FABRICATION DUDIT SUPPORT D'ENREGISTREMENT**
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[72] FURUMIYA, SHIGERU, JP
[72] SCHEP, CORNELIS MARINUS, NL
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[54] **LECTEUR DE DISQUE ET PROCEDE DE DETECTION D'INFORMATIONS D'OSCILLATION**
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[54] **METHODE ET INGREDIENT PERMETTANT D'ACCROITRE LA TENEUR EN FIBRES SOLUBLES DE MATIERES AFIN D'EN AUGMENTER LA CAPACITE DE FIXATION D'ACIDES BILIAIRES, LA VISCOSITE ET LES PROPRIETES HYPOCHOLESTEROLEMIQUES**
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[54] **COMPOSITIONS INJECTABLES COMPRENANT FLUNIXINE ET FLORFENICOL PERMETTANT DE TRAITER DES INFECTIONS CHEZ LE BOVIN ET LE PORC**
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[72] ZARRAGA, ISIDRO ANGELO E., US
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[54] **COMPARTIMENTS DE REPARTITION POUR UNE REPARTITION DU TRAFIC EFFICACE ET SURE EN CAS DE DEFAILLANCE DANS UN RESEAU A COMMUTATION DE PAQUETS**
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[72] JOW, JINDER, US
[73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US
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[73] SONY ELECTRONICS INC., US
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[54] **NEGATIVE DIHEDRAL WING FOR PULLING A LOAD**
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[54] **DISPOSITIF DE SAISIE D'IMAGE**
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[72] SUDO, FUMIHIKO, JP
[72] KANEKO, KATSUMI, JP
[73] SONY CORPORATION, JP
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[54] **ARTICLE COMPOSITE AVEC REGION ELASTOMERE THERMOPLASTIQUE SUR SUBSTRAT THERMOPLASTIQUE**
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[72] TONES, CHRISTOPHER, US
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[54] **PROCEDE DE PURIFICATION DE GAZ DE COMBUSTION**
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[72] SCHAAF, STEPHEN, CA
[72] BICHEL, JOE, CA
[73] AIRBORNE INTERNATIONAL HOLDINGS LLC, CA
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[54] **PROTECTION SYSTEM FOR MAIN MOTOR SHAFT WITH INTEGRATED BEARING**
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[54] **MELANGES DE COMPOSES CHIRAUX A UN ATOME DE PHOSPHORE EN TANT QUE SYSTEMES DE LIGANDS POUR LA CATALYSE ASYMETRIQUE A L'AIDE DE METAUX DE TRANSITION**
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[54] **AIRCRAFT ENGINE LOW-PRESSURE COMPRESSOR STIFFENER**
[72] NICLOT, THIERRY, FR
[72] LEJARS, CLAUDE, FR
[72] MAILLARD, PIERRE-YVES, FR
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[54] **METHOD OF PRODUCING A COLD-ROLLED BAND OF DUAL-PHASE STEEL WITH A FERRITIC/MARTENSITIC STRUCTURE AND BAND THUS OBTAINED**
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[54] **DERIVE D'ESTER D'ACIDE PHOSPHORIQUE POLYMERISABLE ET COMPOSITION DE DENTISTERIE UTILISANT CE DERIVE**
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[54] **2,4-DI(PHENYLAMINO)PYRIMIDINES UTILISEES POUR TRAITER DES MALADIES NEOPLASIQUES, DES TROUBLES INFLAMMATOIRES ET DES TROUBLES DU SYSTEME IMMUNITAIRE**
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[72] DUDDING, ASHLEY THOMAS, US
[72] STUART, JOHN WAYNE, US
[73] HENDRICKSON USA, L.L.C., US
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[72] ARISTIDOU, ARISTOS, US
[72] OLSON, STACEY, US
[72] MILLER, CHRIS, US
[72] RUOHONEN, LAURA, FI
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[72] YANG, DONGFANG, CA
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[54] **COMPOSES COMPORTANT DES GROUPES HYDROXYAMIDINE ET HYDROXYGUANIDINE UTILISES EN TANT QU'INHIBITEURS DE L'UROKINASE**
[72] WOSIKOWSKI, KATJA, DE
[72] CLEMENT, BERND, DE
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[72] DE SILVA, AMILRA PRASANNA, GB
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[54] **UTILISATION DE RESINES DE CONDENSATION POUVANT ETRE DILUEES A L'EAU EN TANT QU'AGENT DISPERSANT DESTINE A DES CONCENTRES DE PIGMENTS POUVANT ETRE DILUES A L'EAU**
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[54] **IGM PRODUCTION BY TRANSFORMED CELLS AND METHODS FOR QUANTIFYING SAID IGM PRODUCTION**
[54] **PRODUCTION D'IGM PAR DES CELLULES TRANSFORMEES ET METHODES DE QUANTIFICATION DE CETTE PRODUCTION**
[72] TSUCHIYA, MASAYUKI, JP
[72] IRIE, REIKO, US
[72] TSUNODA, HIROYUKI, JP
[72] SEKIMORI, YASUO, JP
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[54] **FORMULATION POUR ADMINISTRATION TRANSDERMIQUE COMPRENANT UN ANALGESIQUE OPIOIDE ET UNE COMPOSITION D'ALOES**
[72] MEYER, ELISABETH, DE
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[72] MCLEOD, SARAH, DE
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[54] **CHASSIS DE VEHICULES POSSEDANT UN SYSTEME DE GESTION D'ENERGIE ET PROCEDE DE FABRICATION DE CE CHASSIS**
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[54] **CONVERTISSEURS D'ENERGIE DES VAGUES (WEC) A MULTIPLICATION DE VELOCITE**
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[72] STEWART, DAVID B., US
[73] OCEAN POWER TECHNOLOGIES, INC., US
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[54] **PALIER SERVANT A ABSORBER DES CONTRAINTES AXIALES**
[72] DAMBAUGH, GABRIEL, US
[72] INGERSLEW, JIM, US
[73] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE
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[54] **UTILISATION DE TELMISARTAN POUR LA PREVENTION DE LA CEPHALEE VASCULAIRE**
[72] DAVIDAI, GIORA, US
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **FORMULATIONS DE RIFALAZIL**
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[73] ACTIVBIOTICS PHARMA LLC, US
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[54] **METHODE PERMETTANT D'INDUIRE LA DIFFERENCIATION DES CELLULES SOUCHES EN CARDIOMYOCYTES**
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[72] TANAKA, TOMOFUMI, JP
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[54] **ENSEMBLE D'ELECTRODES POUR POINTE DE CATHETER ET PROCEDE DE FABRICATION CORRESPONDANT**
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[72] BERNHART, WILLIAM HENRY, US
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[54] **ELECTROCATALYSEURS D'OXYDATION DE L'AMMONIAC DANS DES MILIEUX ALCALINS**
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[73] TYCO HEALTHCARE GROUP LLP, US
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[54] **HEXYLCARBOXANILIDES ET LEUR UTILISATION POUR LUTTER CONTRE DES MICRO-ORGANISMES INDESIRABLES**
[72] GEBAUER, OLAF, DE
[72] ELBE, HANS-LUDWIG, DE
[72] DUNKEL, RALF, FR
[72] HARTMANN, BENOIT, DE
[72] DAHMEN, PETER, DE
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[54] **SYSTEME CATALYSEUR D'HYDROTRAITEMENT APPROPRIE POUR HYDROTRAITER DES FLUX D'ALIMENTATION HYDROCARBONES**
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[54] **PROCEDE D'ELIMINATION DE METAUX DE TRANSITION A PARTIR DE SOLUTIONS REACTIONNELLES COMPORTANT DES SOUS-PRODUITS DE METAUX DE TRANSITION**
[72] WIRTH, THOMAS, DE
[72] NICOLA, THOMAS, DE
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[54] **PROCEDE ET APPAREIL DE FOURNITURE D'UNE STRUCTURE DE CANAL DE COMMANDE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
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[72] DUNTON, RANDY R., US
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[54] **COMPOSES IMIDAZOL BICYCLIQUES, LEUR FABRICATION ET LEUR UTILISATION COMME MEDICAMENTS**
[72] HIMMELSBACH, FRANK, DE
[72] ECKHARDT, MATTHIAS, DE
[72] LANGKOPF, ELKE, DE
[72] THOMAS, LEO, DE
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[54] **CATALYSEUR COMPOSITE POUR L'OLIGOMERISATION SELECTIVE D'ALCENES INFERIEURS ET LA PRODUCTION DE PRODUITS A INDICE D'OCTANE ELEVE**
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[72] NG, FLORA TAK TAK, CA
[72] NKOSI, BONGANI, ZA
[73] UNIVERSITY OF WATERLOO, CA
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[54] **SYSTEME POUR EXECUTER DES INSTRUCTIONS PENDANT L'INITIALISATION DU SYSTEME D'EXPLOITATION**
[72] EDMOND, BRIAN, CA
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[72] ETHIER, SHERIDAN, CA
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[54] **METHOD OF DATA ACQUISITION DURING SURVEY OF BURIED LINEAR CONDUCTORS**
[54] **METHODE D'ACQUISITION DE DONNEES PENDANT LE LEVER DE CONDUCTEURS LINEAIRES ENFOUIS**
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[54] **OLIGOCARBONATES ET POLYCARBONATES A TERMINAISON DE FLUOROCARBONE EN TANT QUE MODIFICATEURS DE SURFACE**
[72] TINKL, MICHAEL, CH
[72] THANKI, PARAGKUMAR NATHALAL, IN
[72] BRAND, FABIEN JEAN, FR
[72] BRUNNER, MARTIN, CH
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[54] **DISPOSITIF DE SERRAGE POUR LACETS OU MOYENS DE LACAGE ANALOGUES**
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[72] WHELAN, JOHN MICHAEL, US
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[54] **PROCESS FOR CONTROLLING THE PROFILE OF THE BLEND BETWEEN THE CYLINDRICAL PART AND THE RELIEF OF A ROLL TO OFFSET THE BEARING OF A TURBINE ENGINE**
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[54] **PHARMACEUTICAL COMPOSITION OF VINFLUNINE WHICH IS INTENDED FOR PARENTERAL ADMINISTRATION PREPARATION METHOD THEREOF AND USE OF SAME**
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[54] **COMBINAISON DE REACTIFS ET PROCEDE DE MESURE SUR BANDE DE TEST DIRECT DE CHOLESTEROL A PARTIR DE LIPOPROTEINES A FAIBLE DENSITE A DES TEMPERATURES AMBIANTES**
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[73] POLYMER TECHNOLOGY SYSTEMS, INC., US
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[54] **PROCEDE POUR LA FABRICATION DE MONATINE**
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[54] **USE OF BOTULINUM TOXIN FOR PREPARING A DRUG FOR PREVENTING HAIR GROWTH**
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[73] IPSEN PHARMA S.A.S., FR
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[72] FROM, WESLEY, CA
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE PRODUIRE UN PRODUIT BRUT**
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[72] VANDERBERG, CHRISTOPHER ALLEN, US
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[72] COMSTOCK, JOHN PAUL, US
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[72] PACE, JOHN W., US
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[54] **APPAREIL D'INTERFACE A DEBIT DE DONNEES ELEVE ET PROCEDE CORRESPONDANT**
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[72] MARINI, GRAZIANO, IT
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[72] SUN, MINGHUA, US
[72] COWART, MARLON D., US
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[54] **POLYESTERS HAUTEMENT FONCTIONNELS, HAUTEMENT RAMIFIES OU HYPER RAMIFIES, LEUR PRODUCTION ET LEUR UTILISATION**
[72] STUMBE, JEAN-FRANCOIS, FR
[72] BEDAT, JOELLE, FR
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[54] **PROCEDE POUR LA COMBUSTION DE RESIDUS DE RAFFINAGE**
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[54] **AMELIORATION DE LA VISCOELASTICITE DU PETROLE LOURD PAR MODIFICATION DE SON MODULE D'ELASTICITE**
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[54] **CARTOUCHE MUNIE D'UN RESERVOIR A COMBUSTIBLE ET D'UN ENSEMBLE ELECTRODE A MEMBRANE OU EMPILEMENT**
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[54] **LIPO-OLIGO-SACCHARIDES DE NEISSERIA MENINGITIDIS IGTB EN TANT QU'ADJUVANT**
[72] STEEGHS, LIANA JULIANA JOSEPHINE, NL
[72] VAN DE WINKEL, JOHANNES GERARDUS JOSEPH, NL
[72] VAN DER LEY, PETER ANDRE, NL
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[54] **DERIVES DE PYRIMIDINES ANTAGONISTES DU RECEPTEUR DE LA VITRONECTINE**
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[54] **EPAISSISSANT A USAGE OPHTHALMIQUE**
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[54] **BANDE POUR MATRICE DENTAIRE COMPORTANT DES FIBRES ET MATRICE PARTIELLEMENT NON DURCIE**
[72] LASSILA, LIPPO, FI
[72] VALLITTU, PEKKA, FI
[72] YLI-URPO, ANTTI, FI
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[73] COMPUMEDICS LIMITED, US
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[54] **SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE DESTINES A LA GESTION DES DROITS NUMERIQUES D'UN CONTENU PROTEGE**
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[54] **COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DE L'ARTHRITE ET/OU DE SES SYMPTOMES**
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[72] ROBSON, PHILIP, GB
[73] GW PHARMA LIMITED, GB
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[54] **PROCEDE PERMETTANT DE TRANSMETTRE UN MESSAGE D'INDICATION DE TRAFIC DANS UN SYSTEME DE COMMUNICATION SANS FIL, STATION DE BASE ASSOCIEE, PROCEDE PERMETTANT DE RECEVOIR UN TEL MESSAGE, TERMINAL CORRESPONDANT ET STRUCTURE DE MESSAGE ASSOCIEE**
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[72] FINCH, CHARLES W., US
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[72] SOMMERFELD, HOWARD, US
[73] WABTEC HOLDING CORPORATION, US
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[73] COLGATE-PALMOLIVE COMPANY, US
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[72] MAIER, MICHAEL, DE
[72] CHOU, DAVID TEH-WEI, DE
[72] MALASKA, MICHAEL JAMES, US
[72] MCINTYRE, DON, US
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[54] **PROCEDE POUR AMELIORER LA BIODISPONIBILITE D'UN INHIBITEUR DE RENINE**
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[72] OTTINGER, ISABEL, DE
[72] CAMENISCH, GIAN P., CH
[72] GROSS, GERHARD, DE
[73] NOVARTIS AG, CH
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[72] STECKL, ANDREW J., US
[73] THE UNIVERSITY OF CINCINNATI, US
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[54] **AQUEOUS FLUID PHOTOPROTECTION COMPOSITION WITH A POLY(ESTER-AMIDE) POLYMER BASE AND AN ESTER TERMINATION**
[72] GAUDRY, ANNE-LAURE, FR
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[73] L'OREAL, FR
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[54] **PIECE RAPPORTEE POUR CONTENANT A LIQUIDE, FLOTTANTE ET POURVUE DE PLUSIEURS CHAMBRES**
[72] ULLMANN, BERND, DE
[72] LIEBERZ, RALF, DE
[73] BALL PACKAGING EUROPE GMBH, DE
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[54] **METHODE D'UTILISATION EFFICACE DE MEDICAMENTS ET METHODE DE PREVENTION DE L'EXPRESSION D'EFFETS SECONDAIRES**
[72] KUDOU, SHINJI, JP
[72] YASUE, TOKUTAROU, JP
[72] KURIYAMA, KAZUHIKO, JP
[73] KYORIN PHARMACEUTICAL CO., LTD., JP
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[54] **STRUCTURE TEXTILE POUR MACHINE A PAPIER ET PROCEDE DE FABRICATION**
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[54] **DISTRIBUTEUR DE PRODUITS SOLIDES ET PROCEDE ET APPAREIL POUR LA COMMANDE DE DEBIT DE DISTRIBUTION D'UN PRODUIT SOLIDE AVEC MODIFICATION DE LA TEMPERATURE**
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[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DE LIQUIDES UTILISES DANS DES PROCESSUS DE REVETEMENT ELECTROLYTIQUE PAR ULTRASONS**
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[54] **METHOD FOR IMPROVING ROLL STEERING OF AN AIRCRAFT AND AIRCRAFT USING SAME**
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[54] **ZEOLITE CATALYST WITH CONTROLLED CONTENT OF A DOPING ELEMENT AND IMPROVED METHOD FOR TREATING HYDROCARBON FEEDSTOCKS**
[72] EUZEN, PATRICK, FR
[72] BOBIN, CAROLE, FR
[72] BOURGES, PATRICK, FR
[72] CHAUMONNOT, ALEXANDRA, FR
[72] GUERET, CHRISTOPHE, FR
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[54] **COMPOSE D'AMIDE ET ACTIVATEUR DU RECEPTEUR DE LA THROMBOPOIETINE**
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[72] HIROKAWA, YUTAKA, JP
[72] YANAGIHARA, KAZUFUMI, JP
[72] TOYAMA, KOJI, JP
[72] OWADA, SHINGO, JP
[72] HORIKAWA, MASATO, JP
[72] ISHIWATA, NORIHISA, JP
[72] OTA, HIROFUMI, JP
[72] NAKANO, SATOSHI, JP
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[72] STENSRUD, GRY, NO
[72] MARTINUSSEN, GRETHE KARIN, NO
[73] GE HEALTHCARE LIMITED, GB
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[72] WU, ZHONGLIN, US
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[54] **EMBALLAGE DE PRODUITS PHARMACEUTIQUES, DE PRODUITS MEDICAUX OU DE PRODUITS SIMILAIRES, EN PARTICULIER DE PRODUITS PESTICIDES OU PHYTOSANITAIRES**
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[54] **ORGANE ET INSTRUMENT DE MESURE POUR DETERMINER L'ECOULEMENT SANGUIN DU TRACTUS GASTRO-INTESTINAL, ET POUR ENREGISTRER LE PERISTALTISME INTESTINAL**
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[54] **SYSTEME PORTATIF D'ECHANGE DE FLUIDES PERMETTANT DE POMPER SIMULTANEMENT UN LIQUIDE D'UN RECIPIENT DE SOURCE VERS UN AUTRE RECIPIENT ET VICE VERSA**
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[72] NONOMURA, MUNEO, JP
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[72] MOOG, REGINA, DE
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[72] RUF, ARMIN, DE
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[54] **METHODE ET APPAREIL POUR CARACTERISER DES SCHEMAS DE MODULATION DANS UN RESEAU HFC**
[72] COOPER, MICHAEL J., US
[72] MOORE, CHARLES S., US
[72] MORAN, JOHN L., III, US
[72] THOMPSON, ROBERT J., US
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[72] SEZAKI, TAKAO, JP
[72] KIMURA, YOSHIHARU, JP
[72] KUTSUWA, KOJI, JP
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[73] HARIMA CHEMICALS, INC., JP
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[54] **INTERFACE DE GAINE D'ECHAPPEMENT DE CHAMBRE DE COMBUSTION ET D'AUBAGE FIXE HP DE TURBINE A GAZ**
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[72] DUROCHER, ERIC, CA
[72] MORENKO, OLEG, CA
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[72] ZECCHI, STEFANO, IT
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[54] **ADSORBANT ET COLONNE POUR CIRCULATION EXTRACORPORELLE**
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[72] YAMAMURA, YASUFUMI, JP
[72] SHIMAGAKI, MASAAKI, JP
[72] OOZEKI, TAKESHIGE, JP
[72] TERAMOTO, KAZUO, JP
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[54] **SYSTEME ET PROCEDES DE COMMUNICATION SUR DES CANAUX DE COMMUNICATION BRUYANTS**
[72] WATKINS, LARRY A., US
[72] FINCHER, ROGER W., US
[72] ARONSTAM, PETER S., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **PROCEDE DE PRODUCTION DE CRISTAUX DE CHLORHYDRATE DE SAPROPTERINE DE FORME ALPHA**
[72] KIYONO, HIROOMI, JP
[72] HOTODA, KATSUMI, JP
[72] TAZAWA, SHINNOSUKE, JP
[73] SHIRATORI PHARMACEUTICAL CO., LTD., JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **PROCEDE ET DISPOSITIF DE SEPARATION DE MATIERES PLASTIQUES DE COMPOSITION CHIMIQUE DIFFERENTE PAR FLOTTATION**
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[54] **SYSTEME ET PROCEDE DE LOCALISATION MULTIDIMENSIONNELS**
[72] AUDET, MATHIEU, CA
[72] BERTHIAUME, YVES, CA
[73] MAYA-SYSTEMS INC., CA
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[54] **SYSTEME ET PROCEDE DESTINES A LA TRANSMISSION ADAPTATIVE DE PARAMETRES DE BRUIT DE CONFORT AU COURS D'UNE TRANSMISSION VOCALE DISCONTINUE**
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[72] GOURNAY, PHILIPPE, CA
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[54] **SYSTEME DE MONTAGE REGLABLE A EQUILIBRAGE AUTOMATIQUE POURVU D'UN REGLAGE DU FROTTEMENT**
[72] DITTMER, JAY, US
[73] MILESTONE AV TECHNOLOGIES LLC, US
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[54] **MODELE ANIMAL DE CANITIE PRESENTANT DES MUTATIONS AU NIVEAU DES GENES RET ET EDNRB**
[72] KATO, MASASHI, JP
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[54] **ROUE DE VEHICULE SUR RAILS A SUSPENSION ELASTIQUE EN CAOUTCHOUC**
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[72] MURAWA, FRANZ, DE
[73] BOCHUMER VEREIN VERKEHRSTECHNIK GMBH, DE
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[54] **DISPOSITIF DE PRESSION POSITIVE CONTINUE DES VOIES AERIENNES**
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[72] BERRY, ROBERT CHARLES, NZ
[72] CHALONER, WILLIAM JESSE, NZ
[72] SMITH, TERENCE JAMES, NZ
[72] RYAN, MICHAEL WILLIAM, NZ
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[54] **MOUSSE CREMEUSE EN SPRAY, PROCEDE PERMETTANT DE TRAITER LES CHEVEUX ET PROCEDE D'UTILISATION CORRESPONDANT**
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[72] MUELLER, TIMOTHY, DE
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[54] **SYSTEME ET METHODE D'EFFACEMENT ET D'INVALIDATION D'UN DISPOSITIF DEPOSE**
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[54] **USE OF IVABRADINE FOR THE MANUFACTURE OF MEDICATIONS FOR THE TREATMENT OF ENDOTHELIAL DYSFUNCTION**
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[72] THORIN, ERIC, CA
[72] TARDIF, JEAN-CLAUDE, CA
[72] BENATAR, VIDAL, FR
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[72] WANG, FRANK CHENG-YU, US
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[54] **PROCESS AND APPARATUS FOR UPGRADING HEAVY HYDROCARBONS USING SUPERCRITICAL WATER**
[54] **PROCEDE ET APPAREILLAGE D'AMELIORATION DES HYDROCARBURES LOURDS AU MOYEN D'EAU SURCRITIQUE**
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[72] ALLISON, BRETT D., US
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[54] **METHOD FOR BINDING A BUNDLE OF LOOSE LEAVES OR THE LIKE AND BINDING ELEMENT, END LEAF OR COVER APPLIED THEREBY**
[54] **PROCEDE DE RELIURE DE LIASSE DE FEUILLES LIBRES OU AUTRES ET ELEMENT DE RELIURE, FEUILLE DE JAQUETTE OU COUVERTURE APPLIQUEE SELON LE PROCEDE**
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[73] UNIBIND LIMITED, CY
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[54] **PROCEDE ET DISPOSITIF DE MONTAGE D'UNE MACHINE A FLUIDE A PLATEAU INCLINE**
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[54] **COMMANDE AMELIOREE DE MODULES D'AMPLIFICATEUR DE PUISSANCE REGULES PAR COMMUTATEUR**
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[54] **ACTUATION STRUCTURE FOR INTERNAL FUEL CELL METERING VALVE AND ASSOCIATED COMBUSTION TOOL**
[54] **STRUCTURE D'ACTIVATION POUR SOUPAPE DOSEUSE INTERNE DE PILE A COMBUSTIBLE ET OUTIL A COMBUSTION ASSOCIE**
[72] WAGADY, MOHAMED K., US
[72] VANSTAAN, VALERY H., US
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[25] EN
[54] **UNDERREAMING AND STABILISATION TOOL TO BE USED IN A BOREHOLE AND A METHOD FOR USING IT**
[54] **OUTIL D'ELARGISSEMENT ET DE STABILISATION A EMPLOYER DANS UN TROU DE FORAGE ET PROCEDE POUR SON UTILISATION**
[72] SILLEN, VALERIE, BE
[72] MAGEREN, OLIVIER, BE
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[54] **SYSTEME ET METHODE DE CREATION DE MODULE A ACTIVATION INVIOLABLE**
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[54] **APPARATUS FOR CONNECTING/SEPARATING A LAUNCH VEHICLE AND A SATELLITE**
[54] **DISPOSITIF DE CONNEXION-SEPARATION D'UN LANCEUR ET D'UN SATELLITE**
[72] LANCHO DONCEL, MIGUEL, ES
[73] EADS CASA ESPACIO S.L., ES
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[25] EN
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[54] **PARTAGE DYNAMIQUE DE COURANT DANS LES AMPLIFICATEURS LNB DES BANDES KA/KU**
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[73] THE DIRECTV GROUP, INC., US
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[54] **ANTAGONIST ANTIBODIES DIRECTED AGAINST CALCITONIN GENE-RELATED PEPTIDE AND METHODS USING SAME**
[54] **ANTICORPS ANTAGONISTES ORIENTES CONTRE UN PEPTIDE LIE AU GENE DE LA CALCITONINE, ET PROCEDES D'UTILISATION CORRESPONDANTS**
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[72] COLLIER, SIERRA JONES, US
[72] ROSENTHAL, ARNON, US
[72] POULSEN, KRISTIAN TODD, US
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[54] **PROCEDE ET SYSTEME D'ARRET D'UN MOTEUR DE VEHICULE HYBRIDE**
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[54] **PROCEDE DE BRASSAGE DE BIERE**
[72] PAHL, ROLAND, DE
[72] DOERR, TILLMANN, DE
[72] SCHNEIDER, JAN, DE
[72] KOWALCZYK, JOERG, DE
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[54] **SYSTEMS AND METHODS FOR MULTI-SOURCE VIDEO DISTRIBUTION AND COMPOSITE DISPLAY**
[54] **SYSTEMES ET METHODES DE DISTRIBUTION VIDEO MULTISOURCE ET AFFICHAGE COMPOSITE**
[72] BAO, YONGJIAN, US
[72] MORITA, MARK M., US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **COMBINATION OF GLYCOISOFORMS FOR THE TREATMENT OR PREVENTION OF SEPTICEMIA, TRANSGENIC CELL LINE THAT PRODUCES ERYTHROPOIETIN GLYCOISOFORMS, PHARMACEUTICAL COMPOSITION COMPRISING SAID COMBINATION**
[54] **COMBINAISON DE GLYCO-ISOFORMES DESTINEES AU TRAITEMENT OU A LA PREVENTION DE LA SEPTICEMIE, LIGNEE CELLULAIRE TRANSGENIQUE PRODUISANT DES GLYCOFORMES D'ERYTHROPOIETINE, COMPOSITION PHARMACEUTIQUE RENFERMANT LADITE COMBINAISON**
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[72] MASKIN, NESTOR, AR
[72] PEREIRA BACCI, DARDO ALEXIS, AR
[72] DAELLI, MARCELO GUSTAVO, AR
[72] AMADEO, GABRIEL IGNACIO, AR
[72] LOPEZ, RICARDO AGUSTIN, ES
[72] ARTANA, CRISTINA NOEMI, AR
[72] PEREIRO, MIRIAM PATRICIA, AR
[72] ETCHEVERRIGARAY, MARINA, AR
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[54] **SEQUENCAGE ET GENOTYPAGE AU MOYEN DE NUCLEOTIDES DE TERMINAISON REVERSIBLE**
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[72] GUPTA, AMAR P., US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **DISPOSITIF POUR SOULAGER LES SYMPTOMES DU SYNDROME DES JAMBES ET DES BRAS SANS REPOS ET LES CRAMPES AU PIED ET A LA JAMBE**
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[54] **METHOD FOR PREPARING A CALIBRATED EMULSION**
[54] **PROCEDE DE PREPARATION D'UNE EMULSION CALIBREE**
[72] TANGUY, PHILIPPE A., CA
[72] FRADETTE, LOUIS, CA
[72] GINGRAS, JEAN-PHILIPPE, CA
[72] JORDA, ERIC, FR
[73] TOTAL SA, FR
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[25] EN
[54] **TRANSDERMAL ANALYTE SENSOR ASSEMBLY AND METHODS OF USING THE SAME**
[54] **ENSEMBLE DE DETECTION D'ANALYTE TRANSDERMIQUE ET PROCEDES D'UTILISATION DE CE DERNIER**
[72] BRENNEMAN, ALLEN J., US
[73] BAYER HEALTHCARE LLC, US
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[25] EN
[54] **HIGH QUALITY, CONTINUOUS THROUGHPUT, TISSUE FIXATION-DEHYDRATION-FAT REMOVAL-IMPREGNATION**
[54] **PROCEDE DE FIXATION, DE DESYDRATATION, D'ELIMINATION DES GRAISSES ET D'IMPREGNATION EN CONTINU DES TISSUS DONNANT UN PRODUIT DE GRANDE QUALITE**
[72] ESSENFELD, HAROLD, VE
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[73] THE UNIVERSITY OF MIAMI, US
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[54] **PROCEDE DESTINE A LA LIXIVIATION AU THIOSULFATE DE MATERIAUX CONTENANT DES METAUX PRECIEUX**
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[72] SMITH, DAVID BERNARD, US
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[54] **PROCEDE ET APPAREIL FOURNISSANT UN INDICATEUR DE CHAMP D'ACCUSE DE RECEPTION POSITIF/ACCUSE DE RECEPTION NEGATIF SUPERPOSES ET UN INDICATEUR D'INVITATION**
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[54] **JUPE AERODYNAMIQUE**
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[54] **COMPOSE POLYCYCLIQUE**
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[72] SASAKI, TAKEO, JP
[72] KIMURA, TEIJI, JP
[72] YOSHIDA, YU, JP
[72] DOKO, TAKASHI, JP
[72] UEMURA, TOSHIYUKI, JP
[72] ITO, KOICHI, JP
[72] KAWANO, KOKI, JP
[72] KANEKO, TOSHIHIKO, JP
[72] HASEGAWA, DAIJU, JP
[72] HAGIWARA, HIROAKI, JP
[72] MIYAGAWA, TAKEHIKO, GB
[72] SATO, NOBUAKI, JP
[72] TAKAISHI, MAMORU, JP
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[72] BECK, BRIAN ROBERT, US
[73] GREYSTONE, INC., US
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[54] **ACIER FAIBLEMENT ALLIE POUR UN ENVIRONNEMENT D'HYDROGENE GAZEUX A PRESSION ELEVEE ET CONTENEUR POUR HYDROGENE A PRESSION ELEVEE**
[72] IGARASHI, MASAAKI, JP
[72] MIYAHARA, MITSUO, JP
[72] SEMBA, HIROYUKI, JP
[72] OMURA, TOMOHIKO, JP
[73] SUMITOMO METAL INDUSTRIES, LTD., JP
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[54] **NOUVEAU SEL DE COMPOSE D'ISOQUINOLEINE ET SES CRISTAUX**
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[72] TANAKA, TOSHIHIKO, JP
[72] TAKAYANAGI, HISAO, JP
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[54] **CLAMPING AND BREAKING DEVICE**
[54] **DISPOSITIF DE SERRAGE ET DE RUPTURE**
[72] KRUSE, CHRISTOF, DE
[72] WREDE, STEFAN, DE
[73] LONGYEAR TM, INC., US
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[54] **IMPROVED PHARMACEUTICAL COMPOSITION CONTAINING A PYRROLIDONE ANTICONVULSANT AGENT AND METHOD FOR THE PREPARATION THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE AMELIOREE CONTENANT UN AGENT ANTICONVULSIF A BASE DE PYRROLIDONE ET SON PROCEDE DE PREPARATION**
[72] SAMARA, VICKY, GR
[72] BIKIARIS, DIMITRIOS, GR
[72] KOUTRI, IOANNA, GR
[72] STATHAKI, ELENI, GR
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[54] **DISPOSITIFS ET PROCEDES D'ELIMINATION D'EAU DANS DES COLONNES DE DISTILLATION**
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[73] FLUOR TECHNOLOGIES CORPORATION, US
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[54] **COLLE INTERNE POUR FABRICATION DE PAPIER ET UTILISATION DE CELLE-CI**
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[72] INAOKA, KAZUSHIGE, JP
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[54] **GRUE TELESCOPIQUE AVEC DISPOSITIF DE RENFORCEMENT AUTOPORTANT ET METHODE DE MONTAGE DUDIT DISPOSITIF**
[72] RICHTER, FRANK, DE
[73] MANITOWOC CRANE GROUP FRANCE SAS, FR
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[54] **APPAREIL ET PROCEDE DE REGULATION DE LA TEMPERATURE D'UN CRYOGENE**
[72] ZBIGNIEW, ZURECKI, US
[72] GIARDINIERE, KEVIN JOHN, US
[72] GIBSON, DANIEL, US
[72] GREEN, JOHN L., US
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[54] **DISPOSITIF DE SOULEVEMENT DE JAMBE ET PROCEDE ASSOCIE**
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[72] HAZEN, WAYNE W., US
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[54] **SYSTEME DE PURIFICATION D'ECHAPPEMENT ET PROCEDE DE PURIFICATION D'ECHAPPEMENT**
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[72] SAMBOLA, JORDI, ES
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[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[54] **DISPOSITIF D'ANASTOMOSE MAGNETIQUE A MISE EN PLACE AMELIOREE**
[72] MOUW, STEVEN, US
[73] COOK MEDICAL TECHNOLOGIES LLC, US
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[54] **DISPOSITIF DE COMMANDE DE L'AFFICHAGE DE LA QUANTITE RESTANTE DE GAZ DANS UN RESERVOIR, DISPOSITIF D'AFFICHAGE DE LA QUANTITE RESTANTE DE GAZ ET METHODE DE COMMANDE DE L'AFFICHAGEDE LA QUANTITE DE GAZ RESTANTE**
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[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[72] HARTUNG, MARKUS, DE
[72] KRUSE, CHRISTOF, DE
[72] WREDE, STEFAN, DE
[73] LONGYEAR TM, INC., US
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[54] **NOVEL 1,3-DIHYDRO-5-ISOBENZOFURANCARBONITRILE DERIVATIVES AND PHARMACEUTICAL COMPOSITION THEREOF FOR THE TREATMENT OF PREMATURE EJACULATION**
[54] **NOUVEAUX DERIVES DE 1,3-DIHYDRO-5-ISOBENZOFURANCARBONITRILE ET COMPOSITION PHARMACEUTIQUES LES RENFERMANT POUR LE TRAITEMENT DE L'EJACULATION PRECOCE**
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[72] LEE, YEONG GEON, KR
[72] KANG, KYUNG-KOO, KR
[72] AHN, BYOUNG-OK, KR
[72] KIM, DONG-SUNG, KR
[72] AHN, GOOK-JUN, KR
[72] KIM, DONG-HWAN, KR
[72] CHOI, SEUL-MIN, KR
[72] KIM, YONG-DUCK, KR
[72] YOO, MOO-HI, KR
[72] LEE, KYUNG-SEOK, KR
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[54] **DEVICE WITH DISTRIBUTED MASSES TO REDUCE VIBRATIONS CAUSED BY A ROTORCRAFT LIFTING ROTOR, AND ROTOR HUB EQUIPPED WITH THE DEVICE**
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[54] **SYSTEME ET PROCEDE INTELLIGENTS DE TRAITEMENT DE SEMENCES**
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[72] MEYER, TIMOTHY P., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **PROCEDE DE REFORMAGE DES HYDROCARBURES A LA VAPEUR REDUISANT LES EMISSIONS DE DIOXYDE DE CARBONE**
[72] LICHT, WILLIAM ROBERT, US
[72] DIMARTINO, STEPHEN PAUL, SR, US
[72] GENKIN, EUGENE S., US
[72] HOKE, BRYAN CLAIR, JR., US
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[54] **PROCEDE ET APPAREIL VISANT A REDUIRE LES CONTRAINTES RESIDUELLES DANS LES JOINTS DE TUYAUX SOUDES**
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[54] **APPAREIL DE CHOC ET DE TRACTION A COUPLEUR, COUPLEUR A DOUBLE FLANC ET ARBRE INFERIEUR DE ROTATION A CHEVILLES DE VERROUILLAGE**
[72] YU, YUEBIN, CN
[72] JIANG, YAN, CN
[72] WANG, JUNSONG, CN
[72] SUN, HONGJI, CN
[72] CUI, YINGJUN, CN
[72] CHEN, LONG, CN
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[72] WILLIAMSON, BRENDAN H., US
[72] HOLLENBAUGH, WILLIAM H., JR., US
[72] LINCOLN, TIMOTHY L., US
[72] TONG, YUHUA, US
[72] PAWLAK, JOHN, US
[73] XEROX CORPORATION, US
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[54] **MOTEUR A RESSORT ET COUVRE-FENETRE**
[72] PIERSON, DANIEL R., US
[72] FOLEY, PATRICK EUGENE, US
[72] MCCAULEY, JAMES, US
[72] ROSSATO, ALEJANDRO MARTIN, US
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[54] **METHODES ET SYSTEME DE DETECTION AUTOMATIQUE DES SIGNAUX DE COMMANDE D'UN VOLANT DE DIRECTION**
[72] DALY, CHARLES DAVID, US
[72] JONES, WILLIAM H., JR., US
[73] CIRCUIT WORKS, INC., US
[73] METRA ELECTRONICS CORPORATION, US
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[72] HE, JIAN, CN
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[54] **MELANGE DE POLYFLUOROALCADIENES ET SON PROCEDE DE FABRICATION**
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[72] PAYNTON, DWAYNE RALPH, CA
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[54] **DISPOSITIF DE CODAGE DE FILM CINEMATOGRAPHIQUE ET DISPOSITIF DE DECODAGE DE FILM CINEMATOGRAPHIQUE**
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[73] FUJITSU LIMITED, JP
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[54] **SYSTEM FOR IDENTIFYING AND LOCATING MISSING OR LOST ANIMALS**
[72] BELANGER, ISABELLE, CA
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[54] **SUPPORT FLEXOGRAPHIQUE IMPRIMABLE PAR JET D'ENCRE ET SA METHODE D'UTILISATION**
[72] BATTISTI, PETER D., US
[72] RACH, JOSEPH F., US
[72] MANEIRA, JOAO P., US
[71] CHEMENCE MEDICAL PRODUCTS INC., US
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[54] **AMELIORATION DE L'OPERABILITE D'UN REACTEUR DURANT LE PROCESSUS DE POLYMERISATION EN PHASE GAZEUSE**
[72] SHAW, BENJAMIN MILTON, CA
[72] MAK, ANDY, CA
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[71] NOVA CHEMICALS CORPORATION, CA
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[54] **NOUVELLE SOURCE DE REVENU MUNICIPAL PROVENANT DE LA DELIVRANCE D'UN PERMIS SPECIAL D'EXPLOITATION D'UNE ANTENNE CELLULAIRE OU D'UNE LICENCE VISANT LES LIEUX DE CONCESSION IMMOBILIERE UTILISES POUR L'ERECTION D'UNE ANTENNE CELLULAIRE**
[72] BENNETT, ROY B., CA
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[54] **METHODE, APPAREIL ET SYSTEME POUR TESTER LA CAPACITE D'AUTO-SCELLAGE D'UN ECHANTILLON DE BETON**
[72] YUERS, KEVIN, CA
[72] BIPARVA, ALIREZA, CA
[72] GUPTA, RISHI, CA
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[54] **DISPOSITIF DE REDUCTION DE TRAINEE COULISSANT ET RETRACTABLE**
[72] CHAE, JEUNGSUCK, CA
[71] CHAE, JEUNGSUCK, CA
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[54] **ELECTRO-CELL EXTRACTION OF METAL ION AND SALTS CONTAINED IN THE WASTE FROM ELECTRO-PLATING BATHS**
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[54] **SYSTEME ET METHODE DE TRAITEMENT DES PLANTES**
[72] HALL, PETER RYAN, CA
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[72] SCOTT, GEORGE R., CA
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[54] **DISPOSITIF ET METHODE D'ANCRAGE D'UN CABLE-BOULON**
[72] SIMON, HORST-PETER, DE
[72] MCCLELLAN, RICHARD STANTON, CA
[71] MINOVA INTERNATIONAL LTD., GB
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[54] **CONVOYEUR A COURROIE POUR OLEAGINEUX**
[72] DEKONING, ADRIANUS, CA
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[54] **PLATEFORME POUR MOLECULES HAUTEMENT ABSORBEUSES DE LUMIERE POUR TEINTURES**
[72] BERLINGUETTE, CURTIS, CA
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[54] **METHODES ET SYSTEMES DE TRAITEMENT D'INTRANTS MULTI-LANGUES SUR DISPOSITIF MOBILE**
[72] ELIZAROV, MICHAEL, CA
[72] SHELLEY, GABRIEL LEE GILBERT, CA
[72] FUX, VADIM, CA
[72] NANDA GILANI, PARUL, CA
[72] KOO, TIMOTHY, CA
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[54] **SYSTEME DE BEQUILLE**
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[54] **METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE TO RANK WEB SITE INFLUENCE**
[54] **METHODES, APPAREIL ET ARTICLES DE FABRICATION POUR DETERMINER LE RANG DE L'INFLUENCE D'UN SITE WEB**
[72] KRICHMAN, YAKIR, IL
[72] GREITZER, ELIYAHU, IL
[71] BUZZMETRICS LTD., IL
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[54] **METHODS, SYSTEMS AND NODES FOR AUTHORIZING A SECURIZED EXCHANGE BETWEEN A USER AND A PROVIDER SITE**
[54] **METHODES, SYSTEMES ET NOEUDS POUR L'AUTORISATION D'UN ECHANCE SECURISE ENTRE UN UTILISATEUR ET LE SITE D'UN FOURNISSEUR**
[72] HEZRONY, MOSHE, CA
[71] MY SECURE ID, CA
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[54] **SCINTILLATION LIGHT DETECTION SYSTEMS AND METHODS BASED ON MONOLITHIC SCINTILLATORS**
[54] **SYSTEMES ET METHODES DE DETECTION DE LUMIERE DE SCINTILLATIO BASES SUR DES SCINTILLATEURS MONOLITHIQUES**
[72] ROWLANDS, JOHN, CA
[72] TAGHIBAKSSH, FARHAD, CA
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[54] **SYSTEME D'EMBALLAGE A PRISE HYDRAULIQUE ET METHODES DE FRACTURATION**
[72] BOGUE, CHRISTOPHER, CA
[72] LOCKHURST, RAYMOND, CA
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[71] TELIK, INC., US
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[54] **METHODE DE PROTECTION CONTRE LE VOL ET LA CORROSION AXEE SUR DES CODES DE SUIVI**
[72] JODOIN, MARTIN, CA
[71] MARQUAGE ANTIVOL SHERLOCK, INC., CA
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[54] **METHODES, APPAREIL ET ARTICLES MANUFACTURES PERMETTANT DE CLASSER LES UTILISATEURS DANS UN RESEAU SOCIAL EN LIGNE**
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[71] THE NIELSEN COMPANY (U.S.), LLC, US
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[54] **POMPE DE FOND AVEC BOUCHON D'ISOLATION DECOUPLABLE**
[72] KRAWIEC, PETER STEVEN DAVID, CA
[72] LACUSTA, GREGG J., CA
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[54] **IDENTIFICATION OF TOUCH POINT ON TOUCH SCREEN DEVICE**
[54] **IDENTIFICATION DE POINT TACTILE SUR UN ECRAN TACTILE**
[72] IBDAH, ABDALLAH, CA
[71] RESEARCH IN MOTION LIMITED, CA
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[72] KLIMACK, JESSE, CA
[72] FOUILLARD, EDMOND, CA
[71] CORE DESIGN LTD., CA
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[54] **SYSTEME D'INSTALLATION DE LUMIERES A DEL AVEC SCHEMA D'ECLAIRAGE AJUSTABLE**
[72] MEYER, GUY, CA
[72] PAULSON, MURRAY, CA
[71] OPTILUME ENGINEERED LIGHT CORPORATION, CA
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[54] **METHODE DE TRAITEMENT DU MIEL**
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[71] HEINEN, DIRK, CA
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[54] **SYSTEME D'EVALUATION ET D'OFFRE POUR LES PROPRIETES IMMOBILIERES A VENDRE INSCRITES**
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[54] **METHODE ET SYSTEME POUR SYNCHRONISATION EGALE A TRAVERS PLUSIEURS CALENDRIERS NON RELIES ET SERVEURS DE CALENDRIERS**
[72] CHENG, CHUN-YEN, CA
[72] CHOW, STANLEY T., CA
[71] CHENG, CHUN-YEN, CA
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[54] **SYSTEME D'EVACUATION SECURITAIRE POUR CONDUCTEURS ET PASSAGERS DE VEHICULES TERRESTRES ET MARINS**
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[54] **OBTURATEUR A CLAPET A BOUTON-POUSSOIR**
[72] XIA, JUNTAO, CN
[72] LI, CHUNHUNG,, TW
[72] HSU, WEIMIEN, TW
[71] GLOBE UNION INDUSTRIAL CORP., TW
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[54] **TROUSSES DE PROTECTION CONTRE LES PROJECTILES**
[72] STEWART, DOUGLAS JAMES, GB
[72] ANDREWARTHA, MICHAEL IAN, GB
[71] AMSAFE BRIDPORT LIMITED, GB
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[54] **SYSTEME DE PAIEMENT MOBILE A IMAGES**
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[54] **WORKING ALONE PERSONNEL MONITOR**
[54] **MONITEUR POUR PERSONNEL TRAVAILLANT SEUL**
[72] YOUNG, WENDELL, CA
[71] NORALTA TECHNOLOGIES INC., CA
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[54] **EXPANDABLE MILL AND METHODS OF USE**
[54] **BROYEUR EXTENSIBLE ET METHODES D'UTILISATION**
[72] HEBERT, DAVID, US
[72] KRIEG, GEORGE N., US
[71] BAKER HUGHES INCORPORATED, US
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[54] **SYSTEME DE DIAGNOSTIQUE EN RESEAU PERMETTANT L'ANALYSE DU RENDEMENT D'UNE CHAINE RADIOPHONIQUE PENDANT LES HEURES D'ACTIVITE EN ONDES**
[72] MCCARTHY, JOHN, US
[72] MITCHELL, ROBERT, US
[71] LOCUS LOCATION SYSTEMS LLC, US
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[54] **PLAQUE GUIDE DE LUMIERE**
[72] CHEN, KO-JU, TW
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[54] **SYSTEME DE RECHERCHE RAPIDE DANS LES ANNUAIRES SUR UN DISPOSITIF A ECRAN TACTILE ET SA METHODE D'UTILISATION**
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[71] MITEL NETWORKS CORPORATION, CA
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[54] **TRAITEMENT DE LA FIBROSE PULMONAIRE ET PLEURALE A L'AIDE D'INHIBITEURS HSP27**
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[72] BONNIAUD, PHILIPPE, FR
[72] WETTSTEIN, GUILLAUME, FR
[71] ONCOGENEX TECHNOLOGIES INC., CA
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[71] MAXXMAR INC, CA
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[72] HATHERILL, MARK A., US
[72] YATES, ADAM JOHN, GB
[72] GASTELUM, RODOLFO, US
[72] DUNN, STEVEN B., US
[72] BIRKERT, THOMAS, US
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[54] **PLAQUE DE GUIDE DE LUMIERE ET SA METHODE DE FABRICATION**
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[71] ICHIA TECHNOLOGIES, INC., CN
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[54] **PYROGENATION ET RAFFINAGE SUR PLACE INTEGRES D'HYDROCARBURES PROVENANT DE SCHISTES BITUMINEUX, DE SABLES BITUMINEUX ET DE FORMATIONS APPAUVRIES**
[72] HILL, GILMAN A., US
[72] AFFHOLTER, JOSEPH A., US
[71] HILL, GILMAN A., US
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[54] **FILTRE DE GUIDE D'ONDES AVEC RACCORDS A VIS**
[72] FRENNA, GIUSEPPE, CA
[71] APOLLO MICROWAVES, LTD., CA
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[54] **OUTIL SISMIQUE AVEC ANNEAU DE PIVOTEMENT PERMETTANT L'INSERTION D'UN ANCRAGE**
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[71] COUSINEAU, ROBERT, CA
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[54] **OUTIL SISMIQUE AVEC BRIDES PERMETTANT L'INSERTION D'UN ANCRAGE**
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[54] **DISPOSITIF DE PURIFICATION DES GAZ D'ECHAPPEMENT DE DECHIQUETEUSES INDUSTRIELLES**
[72] KOEHL, ERICH, DE
[72] VAN DER BEEK, AUGUST, DE
[71] METSO LINDEMANN GMBH, DE
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[54] **GUIDE ROLLER FOR CENTERING CONVEYOR BELTS**
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[72] IVAN, FRANK, CA
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[54] **TREATMENT AND/OR PREVENTION OF INFLAMMATION AND CUTANEOUS PHOTODAMAGE AND PHOTOPROTECTION OF THE SKIN WITH A WATER-SOLUBLE EXTRACT FROM PLANT OF SOLANUM GENUS**
[54] **TRAITEMENT OU PREVENTION DE L'INFLAMMATION ET LES PHOTODOMMAGES CUTANES ET PHOTOPROTECTION DE LA PEAU CONTENANT UN EXTRAIT HYDROSOLUBLE DE PLANTE DU GENRE SOLANUM**
[72] SHEU, HAMM-MING, TW
[72] KUO, KOU-WHA, TW
[71] G & E HERBAL BIOTECHNOLOGY CO., LTD., TW
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[72] DE BELDER, DANIEL BORIS F., BE
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[54] **MOULE POUR COUVERCLE DE TASSE, METHODE DE FABRICATION DE COUVERCLE DE TASSE ET COUVERCLE DE TASSE**
[72] HUNG, CHI-JUI, TW
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[54] **OUTIL DE COUPE ROTATIF AMELIORE MUNI D'UNE TETE DE COUPE EN DIAMANT POLYCRISTALLIN**
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[54] **PALIER MAGNETIQUE ACTIF CHEMISE A L'EPREUVE DE LA CORROSION**
[72] MOULIN, DAVID, FR
[72] DUPUIS, YVES, FR
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[72] ZHENG, DONG, CA
[72] WANG, DEMIN, CA
[72] ZHANG, LIANG, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
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[54] **WORK TOP AND HOUSEHOLD APPLIANCE HAVING A LAUNDRY HANGING DEVICE**
[54] **APPAREIL ELECTROMENAGER A SURFACE DE TRAVAIL MUNI D'UN DISPOSITIF DE SUSPENSION A LINGE**
[72] STEGERWALD, GERHARD, US
[71] BSH HOME APPLIANCES CORPORATION, US
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[54] **TAMBOUR DE MACHINE A LAVER REDUCTEUR DE BRUIT**
[72] STEGERWALD, GERHARD, US
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[72] KOSTRZEWSKI, STANISLAW, US
[71] TYCO HEALTHCARE GROUP LP, US
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[54] **BLOCKING DEVICE FOR STRANDS OF WIRE**
[72] DONNADIEU, THIERRY, FR
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[72] NIEHAUS, BERND, DE
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[54] **DEVICE AND METHOD FOR COATING IN THE EDGE AREA OF THE SMALL SIDES OF WORKPIECES**
[54] **DISPOSITIF ET METHODE DE RECOUVREMENT DES RECOINS DES PETITS COTES DES PIECES A TRAVAILLER**
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[72] FRICKE, WOLFGANG, DE
[71] LCM GMBH, DE
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[54] **APPAREIL DE TRACTION DE WAGON DE TRAIN**
[72] SALIS, KEITH A., US
[72] WILT, DONALD E., US
[71] MINER ENTERPRISES, INC., US
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[72] WOLLAK, JONATHAN J., US
[72] PAULEY, DEVIN BERTRUM, US
[72] LE, ANDREW PHONG, US
[71] RESEARCH IN MOTION LIMITED, CA
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[54] **SYSTEME POUR JEUX A JOUEURS MULTIPLES**
[72] MOSHAL, MARTIN, GI
[71] WATERLEAF LTD., GB
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[54] **DEVICE AND METHOD FOR DEGASSING AND DISPENSING BONE CEMENT**
[54] **DISPOSITIF ET METHODE DE DEGAZAGE ET DE DISTRIBUTION DE CIMENT ACRYLIQUE**
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[72] VOGT, SEBASTIAN, DE
[71] HERAEUS MEDICAL GMBH, DE
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[72] PALIN, ARTO, FI
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[54] **MODULAR EXPONENTIATION METHOD AND DEVICE RESISTANT AGAINST SIDE-CHANNEL ATTACKS**
[54] **METHODE D'EXPONENTIATION MODULAIRE ET RESISTANT AUX ATTAQUES COLLATERALES**
[72] JOYE, MARC, FR
[71] THOMSON LICENSING, FR
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[54] **RUBAN A MESURER ECLAIRE**
[72] CARL, ROSS, US
[71] SEARS BRANDS, LLC, US
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[54] **A MARITIME CURRENT POWER PLANT PARK AND A METHOD FOR ITS PRODUCTION**
[54] **PARC DE CENTRALES ELECTRIQUES MARITIME ET METHODE DE PRODUCTION DE CELUI-CI**
[72] BISKUP, FRANK, DE
[72] ARLITT, RAPHAEL, DE
[72] PERNER, NORMAN, DE
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[54] **DISPOSITIF DE FERMETURE AUTOMATIQUE POUR PORTES COULISSANTES**
[72] TARREGA LLORET, MIGUEL ANGEL, ES
[71] KLEIN IBERICA, S.A., ES
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[54] **METHOD AND APPARATUS PERTAINING TO USING A DOOR CHIME TO AUDIBILIZE NON-DOOR-CHIME MESSAGES**
[54] **METHODE ET APPAREIL QUI A RECOURS A UN CARILLON DE PORTE POUR RENDRE AUDIBLES LES MESSAGES NE PROVENANT PAS D'UN CARILLON DE PORTE**
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[72] KARASEK, MARK L., US
[72] FITZGIBBON, JAMES J., US
[71] HEATHCO, LLC, US
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[54] **APPLICATION DE VOYAGE POUR LES AGENTS FONCTIONNANT SUR LES APPAREILS INFORMATIQUES MOBILES**
[72] MCREAKEN, JANICE, US
[72] GRIGG, NATHAN, US
[72] RAYBACK, GEOFFREY PAUL, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **SYSTEM AND METHOD FOR AUTOMATICALLY PROGRAMMING HVAC SYSTEM TEMPERATURE ADJUSTMENT TIMES**
[54] **SYSTEME ET METHODE DE PROGRAMMATION AUTOMATIQUE DES HEURES DE REGLAGE DE LA TEMPERATURE DES SYSTEMES CVCA**
[72] DIFULGENTIZ, ROBERT A., US
[71] LENNOX INDUSTRIES INC., US
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[54] **ENDOSCOPE VIDEO TRIDIMENSIONNEL PIVOTANT**
[72] PANDEY, ASHWINI K., US
[71] TYCO HEALTHCARE GROUP LP, US
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[54] **LOCALISATEUR D'HERNIE SUR MONITEUR PAR MARQUAGE**
[72] DAVIS, EMILY, US
[72] VIOLA, FRANK, US
[71] TYCO HEALTHCARE GROUP LP, US
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[54] **RUBAN HYBRIDE POUR LA TRANSMISSION ROBOTIQUE**
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[71] BELL HELICOPTER TEXTRON INC., US
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[54] **EOLIENNE AVEC SYSTEME DE SOUTIEN DE TOUR ET SA METHODE DE CONSTRUCTION**
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[72] HARIDASU, BALAJI, IN
[72] JOHNSON, STEPHEN BERTRAM, US
[72] ZHENG, DANIAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[72] MAHABADI, HADI K., CA
[72] CHRETIEN, MICHELLE N., CA
[72] ZWARTZ, EDWARD G., CA
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[54] **PREPARATION D'ELECTRODES A PARTICULES POSITIVES POUR BATTERIES AU LITHIUM-ION**
[72] TSUMORI, TOSHIHIRO, JP
[72] TAKAI, YASUSHI, JP
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[54] **METHODE DE DETECTION DES ZONES D'HYDROCARBURES DANS UNE FORMATION GEOLOGIQUE**
[72] MONTIE, MARK W., US
[72] VAVRA, CHARLES L., US
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[54] **METHODE DE SEPARATION DE METAUX MONOVALENT A PARTIR DE METAUX MULTIVALENTS**
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[71] ROHM AND HAAS COMPANY, US
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[54] **CAPUCHON DE COULISSEAU A GRILLE ET LANCE D'ANCRAGE**
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[72] LEHANE, JAMES J., US
[72] FARLEY, STEVEN E., US
[72] KOVAL, RONALD J., US
[72] LEAHY, DONALD J., US
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[54] **APPAREIL ET METHODE DE MISE A L'ESSAI D'UN CAPTEUR TACTILE**
[72] SOLVEN, DEREK RAYMOND, US
[72] GOLOVCHENKO, MYKOLA, US
[72] PEREVERZEV, STANISLAV, US
[71] RESEARCH IN MOTION LIMITED, CA
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[54] **CONTENEUR PLIABLE D'ENTREPOSAGE D'ACCESSOIRES DE PISCINE**
[72] ERLICH, GUY, US
[72] MYERS, STEVEN, US
[71] WATER TECH LLC, US
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[54] **COMPOSITIONS D'ENCRES PATEUSES DURCISSABLES HAUTEMENTS REACTIVES**
[72] BRETON, MARCEL P., CA
[72] CHRETIEN, MICHELLE N., CA
[71] XEROX CORPORATION, US
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[54] **COUPLEUR DE FIL DE THROMBECTOMIE ROTATIF**
[72] LEVINE, MARC-ALAN, US
[72] CICCARELLI, NICHOLAS, US
[72] LEEDLE, JOHN D., US
[72] LEEDLE, MICHAEL, US
[71] REX MEDICAL, L.P., US
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[54] **MANAGING DATA**
[54] **DONNEES DE GESTION**
[72] HOLDEN, DAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **DISTRIBUTEUR DE CONDIMENTS**
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[54] **FILTRE, AVEC SA METHODE DE FONCTIONNEMENT ET D'UTILISATION**
[72] SCHMIDT, ELISABETH, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **COMBINATION GFCI/AFCI RECEPTABLE WITH CLASS 2 POWER UNITS**
[54] **RECEPTACLE COMBINE DISJONCTEUR DE FUITE DE TERRE/INTERRUPTEUR DE CIRCUIT SUR DEFAUT AVEC BLOCS D'ALIMENTATION DE CLASSE 2**
[72] DODAL, ROHIT SUMERCHAND, US
[72] GU, EDWARD, CN
[72] ZHUANG, ALEX, CN
[72] RESTREPO, CARLOS EDUARDO, US
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[71] TYCO HEALTHCARE GROUP LP, US
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[54] **METHODE ET SYSTEME DE LOCALISATION DES INTERFERENCES AFFECTANT LE SIGNAL DE RADIONAVIGATION PAR SATELLITE**
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[72] LETESTU, FRANCK, FR
[71] THALES, FR
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[54] **CONNECTIONLESS COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT SANS CONNEXION**
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[71] HONEYWELL ASCA, INC., CA
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[54] **CONDUIT D'EVACUATION**
[72] GIAMATI, MICHAEL JOHN, US
[71] GOODRICH CORPORATION, US
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[71] NAGAYAMA ELECTRIC CO., LTD., JP
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[54] **ENCRES DURCISSABLES SOLIDES RESISTANTES ET LEURS MODES D'EMPLOI**
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[72] BRETON, MARCEL P., CA
[71] XEROX CORPORATION, US
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[54] **HYALURONIC ACID ESTERS, THEIR PREPARATION AND USE IN DERMATOLOGY**
[54] **ESTERS D'ACIDE HYALURONIQUE, LEUR PREPARATION ET LEUR UTILISATION EN DERMATOLOGIE**
[72] ROVATI, LUCIO CLAUDIO, IT
[71] ROTTAPHARM S.P.A., IT
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[71] JURA-PLAST GMBH, DE
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[54] **TONER CLAIR D'EMULSION/AGREGATION DE STYRENE**
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[72] KMIECIK-LAWRYNOWICZ, GRAZYNA E., US
[72] BAYLEY, ROBERT D., US
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[54] **HOUSSE DE PROTECTION DE BARRE D'ARMATURE**
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[72] RUDOLF, JUERGEN, DE
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[54] **COUVERCLE INDICATEUR D'EFFRACTION POUR CONTENANT**
[72] YOUNG, LOUIS J., US
[71] PLASTIC ENTERPRISES CO., INC., US
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[54] **APPARATUS FOR TRANSPORTING AND INSERT MEANS FOR OPENING/CLOSING THE MOUTH OF BAGS AND BAG FILLING/SEALING MACHINE PROVIDED WITH SAID APPARATUS**
[54] **APPAREIL DE TRANSPORT ET D'INSERTION DE DISPOSITIFS POUR OUVRIR/FERMER L'OUVERTURE DE SACS ET MACHINE DE REMPLISSAGE ET DE SCELLAGE DE SACS FOURNIE AVEC L'APPAREIL**
[72] CONCETTI, TEODORO, IT
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[54] **DISPOSITIF DE SECURITE DE RESEAU**
[72] MALINS, JONATHAN NIGEL, GB
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **MOBILE REWARDS REDEMPTION SYSTEM AND METHOD**
[54] **SYSTEME MOBILE DE REMBOURSEMENT DE RECOMPENSES ET SA METHODE D'UTILISATION**
[72] PIRILLO, CARLO, US
[71] MARITZ INC., US
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[54] **METHODE D'ISOLATION DE ZONES ET DEVIATION DE TRAITEMENT**
[72] LECERF, BRUNO, RU
[72] NESTEROVA, SVETLANA VIKTOROVNA, RU
[72] POTAPENKO, DMITRY IVANOVICH, RU
[72] ALEKSEENKO, OLGA PETROVNA, RU
[72] BULOVA, MARINA NIKOLAEVNA, RU
[72] DANIELS, JOHN, US
[72] SOVA, ALEXEY ALEXANDROVICH, RU
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **TRANSPORTEUR A COURROIE AVEC CRAMPONS CROISES POUR CONVOYEUR TUBULAIRE**
[72] THIESSEN, BERNIE, US
[72] NEUFELD, JUAN, US
[71] MERIDIAN MANUFACTURING GROUP, US
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[54] **SYSTEME ET METHODE POUR AMELIORER LA VISIBILITE DE L'ECRAN DE VOL PRINCIPAL**
[72] THOMSON, ROBERT WILLIAM, GB
[71] GE AVIATION SYSTEMS LLC, US
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[54] **METHOD AND ASSEMBLY FOR HIGH ANGLE OF ATTACK PROCESS PARAMETER SENSORS**
[54] **METHODE ET ASSEMBLAGE DE CAPTEURS DE PARAMETRES DE PROCESSUS A ANGLE D'ATTAQUE ELEVE**
[72] GOEDEL, JARODD DAN, US
[71] UNISON INDUSTRIES, LLC, US
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[54] **BUTTER DISPENSER**
[54] **DISTRIBUTRICE DE BEURRE**
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[72] PAPAVERO, ANTHONY TAD, US
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[54] **DISPOSITIF DE TRANSFERT DE CHARGE**
[72] LONG, ROBERT T., SR., US
[71] COMPOSITE TECHNOLOGIES CORPORATION, US
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[54] **DESIGNING A THREE-DIMENSIONAL MODELED ASSEMBLY OF OBJECTS IN A THREE-DIMENSIONAL SCENE**
[54] **CONCEPTION D'UN ENSEMBLE TRIDIMENSIONNEL MODELISE D'OBJETS DANS UN SCHEMA TRIDIMENSIONNEL**
[72] DIGUET, MICHAEL, FR
[71] DASSAULT SYSTEMES, FR
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[54] **CAISSE PLIABLE**
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[71] REHRIG PACIFIC COMPANY, US
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[25] EN
[54] **METHOD FOR DESIGNING A GEOMETRICAL THREE-DIMENSIONAL MODELED OBJECT**
[54] **METHODE DE CONCEPTION D'UN OBJET GEOMETRIQUE TRIDIMENSIONNEL MODELISE**
[72] HONG, JEAN, FR
[72] QUERIC, MIKAEL, FR
[72] DEREL, JEROME, FR
[72] LETZELTER, FREDERIC, FR
[71] DASSAULT SYSTEMES, FR
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[72] LAROCHE, RUSS, US
[72] BOULNOIS, JEAN-LUC, US
[72] JOSHI, SHARAD H., US
[72] DEVLIN, CHRIS A., US
[72] ALISKI, PETER, US
[72] SULLIVAN, CHRIS, US
[71] MICROLINE SURGICAL, INC., US
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[54] **TOOLING SYSTEM AND METHOD FOR REMOVING A DAMAGED OR DEFECTIVE BUSHING**
[54] **SYSTEME D'OUTILS ET METHODE POUR LE RETRAIT D'UN MANCHON DEFECTUEUX**
[72] COOPER, TOM, US
[71] BELL HELICOPTER TEXTRON INC., US
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[54] **DECONTAMINATION SUR PLACE, SOUS LA SURFACE**
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[71] LUNDY, WILLIAM L., US
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[54] **VERTICALLY ADJUSTABLE CUBICLE LAMP**
[54] **LAMPE POUR CUBICULE REGLABLE EN HAUTEUR**
[72] RESTEL, CARRIE ANN, US
[71] EVOLUTION LIGHTING, LLC, US
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[25] EN
[54] **METHOD FOR PREPARING A PROTEINACEOUS VEGETABLE FLAVOR ENHANCER**
[54] **METHODE DE PREPARATION D'UN EXHAUSTEUR DE GOUT A BASE DE MATIERE VEGETALE PROTEINIQUE**
[72] CHENG, TAIBEN, US
[72] DIEZ DE MEDINA, DAFNE, US
[71] GRIFFITH LABORATORIES INTERNATIONAL, INC., US
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[54] **BOITIER POUR VENTILATEUR D'EXTRACTION AJUSTABLE**
[72] MICHAUD, BERTRAND, CA
[72] JEPSON, RAYMOND, CA
[72] OULDCHAMA, KHALIL, CA
[72] VEZINA, CHRISTIAN, CA
[72] FORTIN, CHRISTIAN, CA
[71] STELPRO DESIGN INC., CA
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[25] EN
[54] **ARC PROOF DOOR ASSEMBLY**
[54] **BLOC PORTE A L'EPREUVE DES ARCS**
[72] GASPARETTO, MARIO, CA
[71] GASPARETTO, MARIO, CA
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[54] **METHOD AND DEVICE FOR RENDERING AREAS BOUNDED BY CURVES USING A GPU**
[54] **METHODE ET APPAREIL POUR CARTOGRAPHIER DES SECTEURS A FRONTIERES COURBEES A L'AIDE D'UN GPU**
[72] PFEIFLE, RONALD FRIEDRICH, CA
[71] RESEARCH IN MOTION LIMITED, CA
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[54] **MULTILAYER FILM FOR A TEAR-OPEN PACKAGE**
[54] **FILM MULTICOUCHE POUR CONDITIONNEMENT DECHIRABLE**
[72] MASEIKER, DARIUS, DE
[72] BRAUER, JOCHEN, DE
[71] NORDENIA DEUTSCHLAND HALLE GMBH, DE
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[54] **CHOIX DU MANIPULATEUR D'UN OBJET PARMI UN ENSEMBLE DE MANIPULATEURS**
[72] GUNTHER, MATHIEU, FR
[72] LETZELTER, FREDERIC, FR
[71] DASSAULT SYSTEMES, FR
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[54] **MOBILE TERMINAL SIMULATOR FOR A WIRELESS TELECOMMUNICATIONS NETWORK AND METHOD OF SIMULATING A MOBILE TERMINAL**
[54] **SIMULATEUR DE TERMINAL MOBILE POUR UN RESEAU DE TELECOMMUNICATIONS SANS FIL ET METHODE DE SIMULATION DU TERMINAL MOBILE**
[72] MARINI, PAOLO, IT
[72] BINDA, LODOVICO, IT
[72] BENDINELLI, ENRICO, IT
[71] PRISMA ENGINEERING S.R.L., IT
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[25] EN
[54] **METHOD OF PROTECTING A LUG AND A CHAIN OF A LUMBER DRAG CHAIN AND A PROTECTED LUMBER DRAG CHAIN**
[54] **METHODE DE PROTECTION DU CROCHET ET DE LA CHAINE D'UNE CHAINE DE HALAGE DE BOIS D'OUVRE ET CHAINE DE HALAGE DE BOIS D'OUVRE PROTEGEE**
[72] RAYBON, CHRIS, US
[72] KENNEDY, RUSSELL, US
[72] CONRY, PAT, US
[71] BAXLEY EQUIPMENT CO., US
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[54] **INPUT PROCESSING FOR CHARACTER MATCHING AND PREDICTED WORD MATCHING**
[54] **TRAITEMENT D'INTRANTS POUR CORRESPONDANCE DE CARACTERES ET CORRESPONDANCE DE MOT PREVU**
[72] NANDA GILANI, PARUL, CA
[72] SHELLEY, GABRIEL LEE GILBERT, CA
[71] RESEARCH IN MOTION LIMITED, CA
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[54] **EMBRAYAGE A COMPOSANTS CONIQUES**
[72] BOSK, BRIAN K., US
[71] BOSK, BRIAN K., US
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[54] **SYSTEM AND METHOD FOR GENERATING A NEGATIVE CAPACITANCE**
[54] **SYSTEME ET METHODE DE GENERATION D'UNE CAPACITANCE NEGATIVE**
[72] CHAKER, MOHAMED, CA
[72] SOLTANI, MOHAMMED, CA
[71] INSTITUT NATIONAL DE RECHERCHE SCIENTIFIQUE (INRS), CA
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[25] EN
[54] **ALLOCATING MEDIA DECODING RESOURCES ACCORDING TO PRIORITIES OF MEDIA ELEMENTS IN RECEIVED DATA**
[54] **ALLOCATION DE RESSOURCES DE DECODAGE DE MEDIUM SELON LES PRIORITES DES MEDIUMS DANS LES DONNEES RECUES**
[72] GAMMON, SCOTT PETER, CA
[72] STAIKOS, MATTHEW NICHOLAOS, CA
[72] STAIKOS, GEORGE ROSS, CA
[71] RESEARCH IN MOTION LIMITED, CA
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[25] EN
[54] **HINGED NOZZLE VEHCILE DRYING ASSEMBLY**
[54] **APPAREIL DE SECHAGE POUR VEHICULE AVEC BUSE ARTICULEE**
[72] MCELROY, CHRISTOPHER P., US
[72] MCELROY, LUCIAN G., US
[71] PROTO-VEST, INC., US
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[54] **DERIVATIVES OF DILLAPIOL AND RELATED MONOLIGNANS AND USE THEREOF**
[54] **DERIVES DU DILLAPIOL ET MONOLIGNANS CONNEXES, ET UTILISATION DE CEUX-CI**
[72] ARNASON, JOHN THOR, CA
[72] FOSTER, BRIAN, CA
[72] DURST, TONY, CA
[71] UNIVERSITY OF OTTAWA, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
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[25] EN
[54] **METHOD AND APPARATUS FOR QUENCHING OF MATERIALS IN VACUUM FURNACE**
[54] **METHODE ET APPAREIL DE REFROIDISSEMENT RAPIDE DES MATIERES DANS UN FOUR A VIDE**
[72] ZURECKI, ZBIGNIEW, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2012-05-15
[41] 2012-11-17
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[54] **INTERACTIVE KNITTING AND CROCHETING SYSTEM**
[54] **SYSTEME INTERACTIF DE TRICOT ET DE CROCHET**
[72] FELICE, KAREN, CA
[71] FELICE, KAREN, CA
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[25] EN
[54] **MEDICAL ULTRASOUND INSTRUMENT WITH ARTICULATED JAWS**
[54] **INSTRUMENT MEDICAL A ULTRASON MUNI DE MACHOIRES ARTICULEES**
[72] BALANEV, ANDREY, RU
[72] MISUCHENKO, IGORIS, RU
[72] VASIL'EV, VLADIMIR, RU
[72] MARTSINOVSKIY, GEORGY, RU
[72] RUIN, ALEXEY, RU
[71] TYCO HEALTHCARE GROUP, LP, US
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[25] EN
[54] **TOOL AND METHOD FOR HANDLING A PART**
[54] **OUTIL ET METHODE DE MANUTENTION D'UNE PIECE**
[72] MORIN, LEO, CA
[72] YEATS, KEITH I., CA
[72] MERRILLS, CASEY D., CA
[72] NILES, MARTIN S., CA
[71] CANTEGA TECHNOLOGIES INC., CA
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[54] **EMERGENCY POWER SUPPLY DEVICE AND METHOD FOR SUPPLYING EMERGENCY POWER**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE DE SECOURS ET METHODE D'ALIMENTATION ELECTRIQUE D'URGENCE**
[72] ROSMANN, TOBIAS, DE
[71] MOOG UNNA GMBH, DE
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[54] **PARTICULATE MATERIAL MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE MATIERE PARTICULAIRE**
[72] HASKINS, JAMES H., US
[71] HASKINS, JAMES H., US
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[54] **A METHOD AND DEVICE FOR THE TRANSFER OF PRINTED PRODUCTS**
[54] **METHODE ET DISPOSITIF PERMETTANT LE TRANSFERT DE PRODUITS IMPRIMES**
[72] BUERGE, NORBERT, CH
[71] FERAG AG, CH
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[54] **SYSTEMS AND METHODS FOR SECURITY VERIFICATION IN ELECTRONIC LEARNING SYSTEMS AND OTHER SYSTEMS**
[54] **SYSTEMES ET METHODES DE VERIFICATION DE LA SECURITE POUR LES SYSTEMES D'APPRENTISSAGE EN LIGNE ET D'AUTRES SYSTEMES**
[72] CEPURAN, BRIAN JOHN, CA
[72] AUGER, JEREMY JASON, CA
[71] DESIRE2LEARN INCORPORATED, CA
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[54] **DEVICE FOR BLOCKING EJECTION OF CROP MATERIAL FROM AN AUGER PLATFORM OF AN AGRICULTURAL HARVESTER**
[54] **DISPOSITIF DE BLOCAGE D'EJECTION DE PRODUITS DE CULTURE A PARTIR D'UNE PLATEFORME DE TARIERE D'UNE RECOLTEUSE AGRICOLE**
[72] HOUSTON, JOHN W., SK
[71] HOUSTON, JOHN W., SK
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[54] **COMPOSITION AROMATISANTE POUR ALIMENTS**
[72] LEON, DANIEL, CA
[71] LEON, DANIEL, CA
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[54] **SUPPORT FRAME**
[54] **CADRE DE SOUTIEN**
[72] ULLE, DETLEV, DE
[71] DE-STA-CO EUROPE GMBH, DE
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[25] EN
[54] **TRANSDUCER APPARATUS AND METHOD FOR ASSEMBLING A TRANSDUCER APPARATUS**
[54] **DISPOSITIF TRANSDUCTEUR ET METHODE D'ASSEMBLAGE DE CELUI-CI**
[72] HACKENBERGER, DANE EUGENE, US
[72] SHAFFER, ROBERT CHARLES, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **INSULATION AND VENTILATION SYSTEMS FOR BUILDING STRUCTURES**
[54] **SYSTEMES D'ISOLATION ET DE VENTILATION POUR LES STRUCTURES DE BATIMENT**
[72] POWER, ROSS PATRICK, CA
[72] EMO, SCOTT, CA
[71] POWERHOUSE BUILDING SOLUTIONS (2009) INC., CA
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[54] **A TILT TOWER ASSEMBLY AND A METHOD OF USING THE SAME, AND A METHOD TO SHIP AND ASSEMBLE A TILT TOWER**
[54] **ENSEMBLE DE TOUR BASCULANTE ET SA METHODE D'UTILISATION, ET METHODE D'EXPEDITION ET DE MONTAGE D'UNE TOUR BASCULANTE**
[72] ANDERSON, DANIEL, US
[72] ROE, GRADY, US
[72] ANDERSON, CHARLES, US
[71] WILBUR L. ANDERSON, INC. D/B/A WESTERN TOWERS, US
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[30] US (61/487,033) 2011-05-17
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[54] **SHOWER CURTAIN HOOKS**
[54] **CROCHETS POUR RIDEAU DE DOUCHE**
[72] BAINES, DAVID, US
[71] MAYTEX MILLS, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR PACKAGING BITUMEN (ASPHALT) AND PRODUCTS THEREFROM**
[54] **METHODE ET SYSTEME D'EMBALLAGE DU BITUME (ASPHALTE) ET PRODUITS QUI EN DECOULENT**
[72] OUIMET, LUC, CA
[72] DUONG, QUOCH DINH, CA
[72] CHENAIL, EMMANUEL, CA
[71] ECOTECH ASPHALTE INC., CA
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[51] **Int.Cl. E04B 2/70 (2006.01) E04B 1/10 (2006.01)**
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[54] **LOG WITH THERMAL BRAKE**
[54] **BILLOT AVEC ISOLANT THERMIQUE**
[72] WRIGHTMAN, RONALD A., CA
[71] WRIGHTMAN, RONALD A., CA
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[54] **BLIND WITH MULTIPLE PANELS AND CONTROLS**
[54] **STORE A PANNEAUX ET A COMMANDES MULTIPLES**
[72] MAROCCO, MARIO M., CA
[71] MAXXMAR INC, CA
[22] 2012-05-15
[41] 2012-11-16
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[54] **SYSTEM AND METHOD FOR CREATING A CONNECTED MARKET USING SOCIAL MEDIA INTERACTION UNITS AND INTERACTIVE PROCESS GADGETS**
[54] **SYSTEME ET METHODE POUR CREER UN MARCHE BRANCHE A L'AIDE D'ELEMENTS D'INTERACTION DES MEDIAS SOCIAUX ET DE GADGETS DE TRAITEMENT INTERACTIFS**
[72] VASKO, TIMOTHY S., CA
[71] VASKO, TIMOTHY S., CA
[22] 2012-05-17
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[51] **Int.Cl. B27B 29/02 (2006.01) B27B 29/04 (2006.01) B27B 29/08 (2006.01)**
[25] EN
[54] **RAPID LOG DOGGING AND ROLLING SYSTEM**
[54] **SYSTEME DE ROULEMENT ET DE GRIFFAGE RAPIDE DES BILLOTS**
[72] DALE, PETER, CA
[71] NORWOOD INDUSTRIES INC., CA
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[51] **Int.Cl. E05F 15/20 (2006.01) E05F 15/00 (2006.01) G05B 15/02 (2006.01) G08C 17/02 (2006.01)**
[25] EN
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[72] FEILER, ADAM, SE
[72] CORKERY, ROBERT, SE
[72] GEORGE, EAPEN, US
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[72] COLLINS, JENNIFER, US
[72] WASHINGTON-COLLINS, GERALD, US
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[54] **CARTE ELECTRONIQUE QUI CONTIENT UNE FENETRE D'AFFICHAGE ET PROCEDE DESTINE A FABRIQUER UNE CARTE ELECTRONIQUE QUI CONTIENT UNE FENETRE D'AFFICHAGE**
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[71] INNOVATIER, INC., US
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[71] SCOSCHE INDUSTRIES, INC., US
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[54] **ESTIMATION D'INCERTITUDE POUR PROBLEMES INVERSES NON LINEAIRES A GRANDE ECHELLE UTILISANT ECHANTILLONNAGE GEOMETRIQUE ET COMPRESSION DE MODELE SANS COVARIANCE**
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[72] FERNANDEZ-MARTINEZ, JUAN L., US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[72] KELLER, LISA M., US
[72] RAMADAN, SAMAH, US
[72] HELLYER, TOBIN J., US
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[72] MARCINKOWSKI, STANLEY MICHAEL, US
[71] THE GILLETTE COMPANY, US
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[54] **SYSTEME DE LACTOPEROXIDASE AMELIORE POUR LE TRAITEMENT DE PRODUITS LAITIERS**
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[71] LAND O'LAKES PURINA FEED LLC, US
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[72] HEMRAZ, USHA DEVI, CA
[72] FENNIRI, HICHAM, CA
[71] BROWN UNIVERSITY, US
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[54] **IMPLANTS INTERVERTEBRAUX ET SYSTEMES ET METHODES D'IMPLANTATION D'UN GREFFON**
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[72] LYNN, JIM R., US
[71] PINNACLE SPINE GROUP, LLC, US
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[72] MICHALCZUK, JACEK, PL
[72] HORINE, BENJAMIN MARSHALL, US
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[54] **PILES A COMBUSTIBLE PRODUISANT DE L'ELECTRICITE ET DU BIOCARBURANT ET SYSTEMES ET PROCEDES LIES A CELLES-CI**
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[72] SEHNERT, AMY JO-NELL, US
[72] ELASHOFF, MICHAEL R., US
[72] WINGROVE, JAMES ALAN, US
[72] DANIELS, SUSAN ELIZABETH, US
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[54] **METHODES D'OBTENTION DE PRODUITS NATURELS A PARTIR DE LIQUIDES COMESTIBLES ET LEURS METHODES D'APPLICATION**
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[72] KOMARNYTSKY, SLAVKO, US
[72] ROOPCHAND, DIANA, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[54] **PYRIMIDINES SUBSTITUEES EN TANT QU'ANTAGONISTES DU RECEPTEUR D2 DE PROSTAGLANDINES**
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[72] HARRIS, KEITH J., US
[72] STOKLOSA, GREGORY, US
[72] POLI, GREGORY B., US
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[72] BANSAL, RAM K., US
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[72] ERNST, JAMES, US
[71] ROLLS-ROYCE CORPORATION, US
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[72] PARNHAM, EMILY RUTH, GB
[72] ROBB, JOHN, GB
[72] TONKIN, REBECCA LOUISE, GB
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[72] THAPER, RAJESH KUMAR, IN
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[72] KUMAR, SARIDI MADHAVA DILEEP, IN
[72] SANWAL, SUDHIR SINGH, IN
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[71] SISACS HOLDINGS LTD., NZ
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[54] **COMPOSANTS POUR GENERATEUR, LEUR UTILISATION ET MONTAGE DE STATOR**
[72] IRELAND, BARRY ROSS, CA
[71] BRI ENERGY SOLUTIONS LIMITED, CA
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[54] **PROCEDE DE PRODUCTION DE PATES DE CELLULOSE MODIFIEES, PATE DE CELLULOSE AINSI OBTENUE ET UTILISATION D'UN BIOPOLYMERE POUR PRODUIRE DES PATES DE CELLULOSE**
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[54] **COMPOSITION COMPRENANT LE PEPTIDE AMYLOIDE BETA 1-6 COUPLE A UNE PARTICULE DE TYPE VIRUS ET UN ADJUVANT**
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[72] PEDROSA DIAZ, PABLO, ES
[72] GUERRERO DESIRRE, MARTI, ES
[72] VIRTO ALBERT, SATURNINO LUIS, ES
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[54] **SEL DE TOSYLATE DE 4-(6-CHLORO-3-METHYL-4,10-DIHYDRO-3H-2,3,4,9- TETRABENZO[F]AZULENE-9-CARBONYL)-2-FLUOROBENZYLAMIDE D'ACIDE CYCLOPROPANECARBOXYLIQUE**
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[72] KARHUNEN, PIRKKO, FI
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[54] **METHOD FOR THE HYDROCONVERSION OF OIL FEEDSTOCKS USING SLURRY TECHNOLOGY, ALLOWING THE RECOVERY OF METALS FROM THE CATALYST AND THE FEEDSTOCK, COMPRISING AN EXTRACTION STEP**
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[54] **METHOD FOR THE HYDROCONVERSION OF PETROLEUM FEEDSTOCKS VIA A SLURRY TECHNOLOGY ENABLING THE RECOVERY OF METALS FROM THE CATALYST AND FROM THE FEEDSTOCK USING A COKING STEP**
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[54] **PROCESS FOR THE HYDROCONVERSION OF PETROLEUM FEEDSTOCKS VIA SLURRY TECHNOLOGY ALLOWING THE RECOVERY OF METALS FROM THE CATALYST AND FEEDSTOCK USING A LEACHING STEP**
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[54] **ARTICLE A FUMER, PROCEDE DE FABRICATION D'UN TEL ARTICLE A FUMER ET APPAREIL CORRESPONDANT**
[72] FALLON, GARY, GB
[72] AUSTIN, MARK, GB
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[72] RICHARDSON, JOHN, GB
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[54] **CONSUMABLES AND METHODS OF PRODUCTION THEREOF**
[54] **PRODUITS DE CONSOMMATION ET LEURS PROCEDES DE PRODUCTION**
[72] NORTON, CLIVE RICHARD THOMAS, GB
[72] CLARKE, PETER, GB
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[71] CADBURY UK LIMITED, GB
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[54] **PRODUIT DE CONFISERIE CONTENANT DES CONSTITUANTS ACTIFS ET/OU REACTIFS, ET LEURS PROCEDES DE PRODUCTION**
[72] CLARKE, PETER, GB
[72] MARSHALL, SARAH, GB
[71] CADBURY UK LIMITED, GB
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[72] PEAT, ROBERT, GB
[72] WEST, DAVID JAMES, GB
[72] HAWKER, PHILIP, IE
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[72] CHEMTOB, SYLVAIN, CA
[72] LUBELL, WILLIAM, CA
[72] TURCOTTE, STEPHANE, CA
[72] CHEN, WANG, CA
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[54] **DISPOSITIF CONCU SPECIALEMENT POUR LA VENTILATION DE L'OXYDE NITRIQUE DANS LES SINUS PARANASAUX ET LA SUPPRESSION DE MALADIES DES VOIES RESPIRATOIRES SUPERIEURES**
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[72] PORSZASZ, ROBERT KRISTOF, HU
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[72] NAGY, ATTILA ZOLTAN, HU
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[54] **COMPOSITIONS PHARMACEUTIQUES GASTRO-RESISTANTES A BASE D'ENZYMES**
[72] BUSTOS, INGRY JANET, CA
[72] MATEESCU, MIRCEA ALEXANDRU, CA
[72] DUMOULIN, YVES, CA
[72] SZABO, POMPILIA ISPAS, CA
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[54] **BETA-PROPIOLACTONE DESTINEE A INACTIVER DES VIRUS DANS DES PREPARATIONS ENZYMATIQUES PANCREATIQUES PHARMACEUTIQUES**
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[72] TIJSSEN, PETER, CA
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[72] MERIZZI, GIULIA FEDERICA, IT
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[54] **APPAREIL ET PROCEDE POUR LE PREFORMAGE DE BARRES ELECTRIQUEMENT CONDUCTRICES, EN PARTICULIER POUR LES BOBINAGES EN BARRE DE MACHINES ELECTRIQUES**
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[54] **DISPOSITIF TORSADEUR CONCU POUR TORSADER SIMULTANEMENT UNE PLURALITE DE BARRES ELECTROCONDUCTRICES DE FACON A FABRIQUER UN ENROULEMENT DE STATOR OU DE ROTOR DESTINE A UNE MACHINE ELECTRIQUE, ET ENSEMBLE EXTRACTEUR CAPABLE DE COOPERER AVEC LE DISPOSITIF TORSADEUR**
[72] GUERCIONI, SANTE, IT
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[72] WOODS, RICHARD, GB
[72] LOCK, KAM LUN, GB
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[54] **PROCEDE DE POLYMERISATION DE POLYMERES A BASE D'OLEFINES CONTENANT DES FRACTIONS DE MASSE MOLECULAIRE ELEVEE EN MODE CONDENSE ET SUPER-CONDENSE**
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[72] CLARK, DARIN G., US
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[72] GASKIN, THOMAS K., US
[71] ADVANCED EXTRACTION TECHNOLOGIES, INC., US
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[71] ENERGY SCIENCES, INC., US
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[72] RAINKA, MATTHEW PAUL, US
[72] PALIWAL, SUNIL, US
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[72] STEER, DAVID G., CA
[71] RESEARCH IN MOTION LIMITED, CA
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[72] RINALDI, VITO, CA
[71] CAVET TECHNOLOGIES INC., CA
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[72] TRAINER, DAVID, GB
[72] CANELHAS, ANDRE PAULO, GB
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[72] ISELT, TORSTEN, DE
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[71] JK NIPPON OIL & ENERGY CORPORATION, JP
[71] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
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[72] SUZUKI, HIDEKAZU, JP
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[54] **AGENT THERAPEUTIQUE OU AGENT PROPHYLACTIQUE POUR LA FIBROMYALGIE**
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[72] NAKAO, KAORU, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **SYSTEME DE SYNCHRONISATION DYNAMIQUE**
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[71] CAVET TECHNOLOGIES INC., CA
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[54] **DISPOSITIF PERMETTANT D'EMPECHER ET DE DETECTER DES MENACES POUR LA SECURITE ET D'APPORTER UNE REPONSE A CES DERNIERES**
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[72] HAIGH, J. THOMAS, US
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[54] **PEPTIDE PERMETTANT D'AMELIORER LA STABILITE IN VIVO D'UNE SUBSTANCE PHYSIOLOGIQUEMENT ACTIVE OU ANALOGUES ET SUBSTANCE PHYSIOLOGIQUEMENT ACTIVE ET ANALOGUES PRESENTANT UNE AMELIORATION DE LA STABILITE IN VIVO**
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[72] MIYACHI, ATSUSHI, JP
[72] MURASE, TAKAYO, JP
[72] SHIGEMORI, TOMOHIRO, JP
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[54] **TETE DE TREPAN POUR MACHINE DE FORAGE SOUS-MARIN, MACHINE DE FORAGE SOUS-MARIN ET SYSTEME DE FORAGE SOUS-MARIN**
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[72] WAKITA, NORIHIDE, JP
[72] ODAKA, HIROYUKI, JP
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[54] **SYSTEME ET PROCEDE POUR L'INTEROPERABILITE ENTRE UN SYSTEME DE CAPTURE DU CARBONE, UN SYSTEME D'EMISSION DE CARBONE, UN SYSTEME DE TRANSPORT DU CARBONE, ET UN SYSTEME D'UTILISATION DU CARBONE**
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[72] SHILLING, NORMAN ZETHWARD, US
[72] RAWSON, JAMES RULON YOUNG, US
[72] DEPUY, RICHARD ANTHONY, US
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[71] RENSSELAER POLYTECHNIC INSTITUTE, US
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[54] **SYSTEME ET PROCEDE DE DIFFUSION A LA DEMANDE D'UN CONTENU SONORE UTILISABLE AVEC DES OEUVRES DE DIVERTISSEMENT**
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[72] GRZYWACZ, PAWEL, US
[72] CLAGETT-DAME, MARGARET, US
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[54] **NOUVEAU LACTOBACILLUS CLASSE COMME LACTOBACILLUS PLANTARUM ET SON UTILISATION**
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[72] IINO, TOHRU, JP
[72] HAYASHIDA, EIJI, JP
[72] YOSHIMURA, KOICHI, JP
[72] ISHIKAWA, FUMIYASU, JP
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[54] **AGENT THERAPEUTIQUE OU AGENT PREVENTIF POUR LES TROUBLES DE COLLECTE DE L'URINE**
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[72] HAREYAMA, NANA, JP
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[71] CROP MICROCLIMATE MANAGEMENT INC., US
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[72] ODELL, RICHARD B., US
[72] LONG, MICHAEL A., US
[71] THE BOEING COMPANY, US
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[54] **DEPISTAGE PRECOCE D'UN CANCER DU SEIN RECURRENT PAR PROFILAGE DES METABOLITES**
[72] GOWDA, G.A. NAGANA, US
[72] ASIAGO, VINCENT MOSETI, US
[72] ALVARADO, LEIDDY, US
[72] RAFTERY, M. DANIEL, US
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[54] **SOURCE DE REVETEMENT ET PROCEDE DE PREPARATION DE LADITE SOURCE DE REVETEMENT**
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[72] POLZER, CONRAD, DE
[72] STRAUSS, GEORG, AT
[72] SCHLICHTHERLE, STEFAN, AT
[72] PERL, MATTHIAS, AT
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[72] SPIRIDIGLIOZZI, JOHN, US
[72] SALAHIEH, AMR, US
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[54] **PROGRAMMATION DE MEMOIRE UTILISANT UNE LARGEUR VARIABLE DE DONNEES**
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[71] MOSAID TECHNOLOGIES INCORPORATED, CA
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[54] **PROCEDE ET INTERMEDIAIRES POUR LA PREPARATION DU LAPATINIB**
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[72] CHU, GUODONG, CN
[72] LIU, YUANLIAN, CN
[72] CHEN, YUNG-FA, CN
[72] HENSCHKE, JULIAN PAUL, AU
[71] SCINOPHARM TAIWAN LTD., CN
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[54] **COIFFURE, ET PROCEDE D'UTILISATION ASSOCIE**
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[72] NIEDERER, EDWARD, III, US
[71] NATIONAL OILWELL VARCO, L.P., US
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[54] **USE OF ORGANOGELATOR DERIVATIVES IN BITUMINOUS COMPOSITIONS TO IMPROVE THE RESISTANCE OF SAME TO CHEMICAL STRESS**
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[54] **TOOLS FOR THE IDENTIFICATION OF LINGO-1, LINGO-2, LINGO-3 AND LINGO-4, LIGANDS, AND USES THEREOF**
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[54] **MATERIAUX BIOLOGIQUES ET COMPOSES, ET UTILISATIONS CORRESPONDANTES**
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[54] **PEPTIDES INHIBITANT L'ENZYME DE CONVERSION DE L'ANGIOTENSINE ET PEPTIDES A ACTIVITE ANTIOXYDANTE PURIFIES ISSUS DE L'OVOTRANSFERRINE ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
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[72] MAJUMDER, KAUSTAV, CA
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[54] **PROCEDE DE PREVENTION ET DE DETECTION D'UNE MANIPULATION FRAUDULEUSE DE FILMS A GRATTER APPLIQUES SUR DES SUBSTRATS, ET SUBSTRATS ASSOCIES**
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[54] **AGENT DE DESULFURATION ET SON PROCEDE DE FABRICATION**
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[54] **LOCALISATION ET SUIVI D'OBJET SUR DES IMAGES VIDEO A L'AIDE D'UNE VERIFICATION DE LA PLANEITE LE LONG DE SECTIONS DE LIGNE SPECIFIEES**
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[54] **CATALYSEUR DE CRAQUAGE D'UNE HUILE HYDROCARBONEE LOURDE ET PROCEDE DE CRAQUAGE D'UNE HUILE HYDROCARBONEE LOURDE**
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[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR ACTIVE POUR LA SYNTHESE DE FISCHER-TROPSCH, PROCEDE DE PREPARATION D'UNE SUSPENSION CATALYTIQUE, ET PROCEDE D'INTRODUCTION D'UNE SUSPENSIONCATALYTIQUE DANS UN REACTEUR DE SYNTHESE DE FISCHER-TROPSCH**
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[54] **PLAQUE STRATIFIEE EN MOUSSE DE RESINE PHENOLIQUE, ET PROCEDE DE FABRICATION DE CELLE-CI**
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[72] MIHORI, HISASHI, JP
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[54] **PROCEDE DE FABRICATION DE CORPS DE BOBINE ENCAISSE ET CORPS DE BOBINE ENCAISSE**
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[72] MATSUMOTO, YASUHIRO, JP
[72] KATO, HIROYUKI, JP
[71] DAIDO ELECTRONICS CO.,LTD., JP
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[72] KATO HIROYUKI, JP
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[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US
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[72] CALLOWAY, BRITT, US
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[54] **PROCEDES ET COMPOSITIONS POUR DES TROUBLES RELATIFS**
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[72] JIN, SHENGFANG, US
[72] GROSS, STEFAN, US
[72] DANG, LENNY, US
[72] SU, SHINSAN, US
[71] AGIOS PHARMACEUTICALS, INC., US
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[54] **PROCEDES ET COMPOSITIONS POUR TROUBLES ASSOCIES A LA PROLIFERATION CELLULAIRE**
[72] GROSS, STEFAN, US
[72] JIN, SHENGFANG, US
[72] DANG, LENNY, US
[72] SU, SHINSAN, US
[72] CANTLEY, LEWIS C., US
[72] FANTIN, VALERIA, US
[72] SAUNDERS, JEFFREY O., US
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[54] **COMPOSITIONS DE PRETRAITEMENT DE LESSIVE CONTENANT DES ALCOOLS GRAS**
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[72] MCLAUGHLIN, MARK, US
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[72] HAZLEHURST, LORI, US
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[72] PORNPATTANANANGKUL, DISSAYA, TH
[72] ZHANG, LIANGFANG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[72] GRAY, ROSS T., US
[71] NALCO COMPANY, US
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[54] **TUBE ENDOTRACHEAL AYANT UN OU PLUSIEURS ELEMENTS DE BLOCAGE, ELEMENTS DE BLOCAGE, ET PROCEDE D'UTILISATION D'ELEMENTS DE BLOCAGE**
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[72] IDDAN, GAVRIEL J., IL
[72] ELIA, LIRON, IL
[72] ELIACHAR, ELIAHU, IL
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[54] **ACCUMULATEUR SECONDAIRE A ELECTROLYTE NON AQUEUX, VEHICULE, ET DISPOSITIF UTILISANT L'ACCUMULATEUR**
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[71] LUXOTTICA US HOLDINGS CORPORATION, US
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[72] MORITOMO, HIROYUKI, JP
[72] KATO, KOJI, JP
[72] HACHIYA, SHUNICHIRO, JP
[72] TERAI, KAZUHIRO, JP
[72] TERADA, YOH, JP
[72] MIURA, MASANORI, JP
[72] IMAMURA, YOSHIMASA, JP
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[54] **SYSTEME ET PROCEDE DESTINES AU DEVELOPPEMENT DE DIAGNOSTICS D'ERREUR ET DE PRONOSTICS DE DEFAILLANCE D'USURE DE CANNELURE DANS UN SYSTEME D'ENTRAINEMENT**
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[72] RILEY, WALTER, US
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[54] **AGENT THERAPEUTIQUE ET AGENT CONSERVATEUR CONTRE LA MALADIE D'ALZHEIMER**
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[72] YAMADA, NAOHIRO, JP
[72] MIYAMOTO, YOHEI, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **PROCEDE DE DETECTION D'UN ECOULEMENT, DISPOSITIF DE DETECTION, DISPOSITIF DE TRAITE AUTOMATIQUE ET PROGRAMME D'ORDINATEUR**
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[71] LELY PATENT N.V., NL
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[71] RELYPSA, INC., US
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[71] STARTRAK SYSTEMS, LLC, US
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[71] NEWCASTLE INNOVATION LIMITED, AU
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[54] **PROCEDE ET SYSTEME POUR GERER LA PUISSANCE CONSOMMEE PAR UN DISPOSITIF INFORMATIQUE**
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[54] **DEBITMETRE ULTRASONIQUE AVEC SYSTEME DE DRAINAGE DE LIQUIDE**
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[71] DANIEL MEASUREMENT AND CONTROL, INC., US
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[72] BINGHAM, JAMES, US
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[72] ROHLFS, ELIZABETH M., US
[72] ROSENBLUM, LYNNE SARAH, US
[72] SIRKO-OSADSA, DEBORAH ALEXA, US
[72] HEIM, RUTH A., US
[71] ESOTERIX GENETIC LABORATORIES, LLC, US
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[72] HARRISON, BERN, US
[72] MAURER, ERIC, US
[71] BAYER HEALTHCARE LLC, US
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[72] FOSSUM, RENAE DIANNA, US
[72] KOTT, KEVIN LEE, US
[72] KOHLE, HANS-JURGEN, DE
[72] KOTTE, ULRIKE, DE
[72] DEMEYERE, HUGO JEAN MARIE, BE
[72] ROJO MORENO, JOSE ANDRES, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **PROCEDE DE CODAGE D'UNE SERRURE ET EBAUCHE POUR LA MISE EN OEUVRE DU PROCEDE**
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[72] SHALEN, EVAN FOSTER, US
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[72] ATES, FIKRET, BE
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[72] PORTER, JOHN, US
[72] WALTON, DAVID, US
[72] FUHS, THOMAS, US
[72] MCLAUGHLIN, BRIAN, US
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[72] ROSEN, BRIAN, US
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[54] **CONVERSION D'OLEFINES SYMETRIQUES ACYCLIQUES EN PRODUITS OLEFINIQUES AYANT UN NOMBRE D'ATOMES DE CARBONE PLUS ELEVE ET PLUS BAS**
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[54] **PREPARATION CREATED FROM AN IN VITRO CULTURE OF DEDIFFERENTIATED, NON-ELICITED CELLS OF THE ARGANIA TREE, USE THEREOF FOR TREATING SKIN AGEING, INFLAMMATION AND SCARRING, AND PRODUCTION THEREOF**
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[72] EIDENMUELLER, LUTZ, DE
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[72] NINDL, DANIEL, AT
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[54] **DISPOSITIF ET PROCEDE POUR LE NETTOYAGE MECANIQUE D'UNE SURFACE TRANSPARENTE D'UN INSTRUMENT OPTIQUE**
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[54] **PROCEDE DE CONCEPTION DE SYSTEMES DE BOBINE POUR GENERER DES CHAMPS MAGNETIQUES DE GEOMETRIE SOUHAITEE, APPAREIL D'IMAGERIE PAR RESONANCE MAGNETIQUE OU DE MAGNETOENCEPHALOGRAPHIE AVEC ENSEMBLE BOBINE, ET PROGRAMME INFORMATIQUE**
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[54] **PROCEDES POUR DETECTER LA DIFFUSION RAMAN EN UTILISANT DES COMPOSES AROMATIQUES COMPRENANT DU PHOSPHATE ET AU MOINS UNE SOURCE DE LUMIERE NON LASER**
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[54] **ELECTRICAL SWITCHING DEVICE HAVING AN ULTRAFAST ACTUATION MECHANISM AND HYBRID SWITCH COMPRISING SUCH A DEVICE**
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[54] **DEVICE FOR SEPARATING FLAT OBJECTS, AND CORRESPONDING CONTROL METHOD AND POSTAL MACHINE**
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[72] SAMAIN, STEPHANE, FR
[72] DAUVERGNE, MICKAEL, FR
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[72] JAY, RAYMOND G., US
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[72] MARTUCCI, JAMES P., US
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[72] FALARDEAU, GUY, CA
[72] YANNOPOULOS, CONSTANTIN, CA
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[54] **PROCEDE ET SYSTEME POUR DETECTER ET DETERMINER DES CARACTERISTIQUES GEOMETRIQUES, DIMENSIONNELLES ET DE POSITION DE PRODUITS TRANSPORTES PAR UN TRANSPORTEUR CONTINU, NOTAMMENT DEPRODUITS EN ACIER BRUTS, DE FORME GROSSIERE, RUGUEUX OU SEMI-FINIS**
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[72] CAMPODONICO, MARCO, IT
[71] TENOVA S.P.A., IT
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[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **PROCEDE DE CODAGE DE DONNEES ET DISPOSITIF POUR UNE DIFFUSION EN TROIS DIMENSIONS**
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[54] **METHOD AND APPARATUS FOR CONTROLLING RETRANSMISSION ON UPLINK IN A WIRELESS COMMUNICATION SYSTEM SUPPORTING MIMO**
[54] **PROCEDE ET APPAREIL PERMETTANT DE COMMANDER UNE RETRANSMISSION SUR UNE LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION SANS FIL PRENANT EN CHARGE MIMO**
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[72] KIM, YOUN-SUN, KR
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[72] ROY, PAUL H., CA
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[72] BERGERON, MICHEL G., CA
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[54] **DISQUE DE BROYAGE DE SOUCHES ET SEGMENTS D'USURE CONNEXES**
[72] MONYAK, KENNETH S., US
[72] PAUMIER, JAMES, US
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **PRINTHEAD MODULE HAVING A DROPPED ROW AND PRINTER CONTROLLER FOR SUPPLYING DATA THERETO**
[54] **MODULE DE TETE D'IMPRESSION MUNI D'UNE RANGEE ABAISSEE ET CONTROLEUR D'IMPRIMANTE PERMETTANT DE FOURNIR DES DONNEES**
[72] WEBB, MICHAEL JOHN, AU
[72] JACKSON PULVER, MARK, AU
[72] PLUNKETT, RICHARD THOMAS, AU
[72] SILVERBROOK, KIA, AU
[72] MORPHETT, BENJAMIN DAVID, AU
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[54] **SERVICE ORCHESTRATION FOR INTELLIGENT AUTOMATED ASSISTANT**
[54] **ORGANISATION DES SERVICES POUR LES ASSISTANTS INTELLIGENTS AUTOMATISES**
[72] CHEYER, ADAM JOHN, US
[72] BRIGHAM, CHRISTOPHER DEAN, US
[72] GRUBER, THOMAS ROBERT, US
[72] GUZZONI, DIDIER RENE, CH
[71] APPLE INC., US
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[54] **REFRIGERATION SYSTEM AND COMPONENTS THEREOF**
[54] **SYSTEME DE REFRIGERATION ET SES ELEMENTS CONSTITUANTS**
[72] GROTH, HENRY, US
[72] LUEHRS, FREDERICK, US
[72] MARKS, RYAN, US
[72] REHM, KEVIN, US
[72] KRUMBIEGEL, KARL, US
[72] WEIGAND, DENNIS, US
[72] GILBERTSON, TIMOTHY ALAN, US
[72] URBAN, GOTTFRIED, US
[71] PERLICK CORPORATION, US
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[54] **A RAILCAR COUPLER KNUCKLE**
[54] **MACHOIRE D'ATTELAGE DE WAGON DE CHEMIN DE FER**
[72] MAXEINER, MICHAEL D., US
[72] GAGLIARDINO, JOSEPH L., US
[72] MAUTINO, PETER SCOTT, US
[71] MCCONWAY & TORLEY, LLC, US
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[54] **HIGH VOLUME WATER DELIVERY SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ALIMENTATION EN EAU A GRAND VOLUME**
[72] ELLIOTT, DAVID J., CA
[71] FLO-DYNAMICS SYSTEMS INC., CA
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[54] **CYCLONE WITH IN-SITU REPLACEABLE LINER MECHANISMS AND METHODS FOR ACCOMPLISHING SAME**
[54] **CYCLONE AVEC MECANISMES DE MANCHONS AMOVIBLES SUR PLACE, ET METHODES D'UTILISATION**
[72] HAKOLA, GORDON R., US
[71] GIW INDUSTRIES, INC., US
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[54] **A MOBILE DEVICE WITH ENHANCED TELEPHONE CALL INFORMATION AND A METHOD OF USING SAME**
[54] **APPAREIL MOBILE AVEC INFORMATIONS PAR APPEL TELEPHONIQUE AMELIOREES, ET METHODE ASSOCIEE**
[72] SCOTT, SHERRYL LEE LORRAINE, CA
[72] KUHL, LAWRENCE EDWARD, CA
[71] RESEARCH IN MOTION LIMITED, CA
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[54] **MEDIA STREAM SCHEDULING FOR HICCUP-FREE FAST-CHANNEL-CHANGE IN THE PRESENCE OF NETWORK CHOKEPOINTS**
[54] **COORDINATION DE FLUX MULTIMEDIA PERMETTANT LE CHANGEMENT RAPIDE DE CANAL SANS INTERRUPTION EN PRESENCE DE POINTS D'ETRANGLEMENT DU RESEAU**
[72] GREEN, DUSTIN L., US
[71] MICROSOFT CORPORATION, US
[22] 2004-09-08
[41] 2005-04-10
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[25] EN
[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] HEINEMANN, ULRICH, DE
[72] DUTZMANN, STEFAN, DE
[72] SUTY-HEINZE, ANNE, DE
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[71] BAYER CROPSCIENCE AG, DE
[22] 2005-10-11
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[62] 2,583,321
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[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] SUTY-HEINZE, ANNE, DE
[72] DUTZMANN, STEFAN, DE
[72] HEINEMANN, ULRICH, DE
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[71] BAYER CROPSCIENCE AG, DE
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[62] 2,583,321
[30] DE (102004049761.3) 2004-10-12

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[72] KOHLSTAEDT, LORI ALLISON, US
[72] CHARLES, CATHERINE HELEN, US
[72] FANG, FANG, US
[72] LUO, GUANG-XIANG, US
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[54] **COMPOSITIONS FOR IMPROVING FLAVOR AND SAFETY OF MARINATED MEAT PRODUCTS**
[54] **COMPOSITIONS DESTINEES A AMELIORER LA SAVEUR ET LA SECURITE DE VIANDES MARINEES**
[72] TOLEDO, MO MUI, US
[71] TRIAD RESOURCE TECHNOLOGIES, LLC, US
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[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] HEINEMANN, ULRICH, DE
[72] SUTY-HEINZE, ANNE, DE
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[72] DUTZMANN, STEFAN, DE
[71] BAYER CROPSCIENCE AG, DE
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[62] 2,583,321
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[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] HEINEMANN, ULRICH, DE
[72] DUTZMANN, STEFAN, DE
[72] SUTY-HEINZE, ANNE, DE
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[71] BAYER CROPSCIENCE AG, DE
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[54] **DEVICE PACKAGE AND METHODS FOR THE FABRICATION AND TESTING THEREOF**
[54] **BOITIER DE DISPOSITIF ET METHODES DE FABRICATION ET D'ESSAI**
[72] SHERRER, DAVID W., US
[72] FISHER, JOHN J., US
[72] RASNAKE, LARRY J., US
[71] ROHM AND HAAS ELECTRONIC MATERIALS, L.L.C., US
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[54] **DISPOSITIF PERMETTANT D'INJECTER UN MATERIAU A HAUTE VISCOSITE**
[72] STEFFEN, THOMAS, CA
[72] BECKMAN, LORNE, CA
[72] GIANNITSIOS, DEMETRIOS, CA
[71] STEFFEN, THOMAS, CA
[71] BECKMAN, LORNE, CA
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[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/0775 (2010.01)**
[25] EN
[54] **METHOD FOR THE ISOLATION AND EXPANSION OF CARDIAC STEM CELLS FROM BIOPSY**
[54] **METHODE PERMETTANT D'ISOLER ET DE DEVELOPPER DES CELLULES SOUCHES CARDIAQUES A PARTIR D'UNE BIOPSIE**
[72] MESSINA, ELISA, IT
[72] GIACOMELLO, ALESSANDRO, IT
[72] FRATI, GIACOMO, IT
[72] BATTAGLIA, MASSIMO, IT
[71] UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA", IT
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[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] DUTZMANN, STEFAN, DE
[72] HEINEMANN, ULRICH, DE
[72] SUTY-HEINZE, ANNE, DE
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[71] BAYER CROPSCIENCE AG, DE
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[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] DUTZMANN, STEFAN, DE
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[72] HEINEMANN, ULRICH, DE
[72] SUTY-HEINZE, ANNE, DE
[71] BAYER CROPSCIENCE AG, DE
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[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] HEINEMANN, ULRICH, DE
[72] DUTZMANN, STEFAN, DE
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[72] SUTY-HEINZE, ANNE, DE
[71] BAYER CROPSCIENCE AG, DE
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[25] EN
[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[72] HEINEMANN, ULRICH, DE
[72] DUTZMANN, STEFAN, DE
[72] SUTY-HEINZE, ANNE, DE
[71] BAYER CROPSCIENCE AG, DE
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[51] **Int.Cl. A01N 43/88 (2006.01) A01N 37/46 (2006.01) A01N 43/08 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBINE**
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[72] SUTY-HEINZE, ANNE, DE
[72] DUTZMANN, STEFAN, DE
[72] HEINEMANN, ULRICH, DE
[71] BAYER CROPSCIENCE AG, DE
[22] 2005-10-11
[41] 2006-04-20
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[25] EN
[54] **NORMALLY-OFF INTEGRATED JFET POWER SWITCHES IN WIDE BANDGAP SEMICONDUCTORS AND METHODS OF MAKING**
[54] **INTERRUPTEURS DE PUISSANCE JFET INTEGRES NORMALEMENT DECONNECTES, DANS DES SEMI-CONDUCTEURS A GRANDE LARGEUR DE BANDE INTERDITE, ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] MERRETT, JOSEPH N., US
[72] SANKIN, IGOR, US
[71] SS SC IP, LLC, US
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[41] 2006-06-08
[62] 2,589,031
[30] US (11/000,222) 2004-12-01

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[25] EN
[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBI E**
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[72] SUTY-HEINZE, ANNE, DE
[72] HEINEMANN, ULRICH, DE
[72] DUTZMANN,STEFAN, DE
[71] BAYER CROPSCIENCE AG, DE
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[62] 2,583,321
[30] DE (10 2004 049 761.3) 2004-10-12

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[51] **Int.Cl. F16K 11/074 (2006.01) F16K 3/08 (2006.01) F16K 3/314 (2006.01) F16K 31/52 (2006.01)**
[25] EN
[54] **MIXING VALVE**
[54] **MELANGEUR**
[72] PINETTE, THOMAS C., US
[72] BARBER, JOSHUA R., US
[72] ROSKO, MICHAEL SCOT, US
[72] THOMAS, KURT JUDSON, US
[71] MASCO CORPORATION OF INDIANA, US
[22] 2007-07-18
[41] 2008-01-31
[62] 2,666,602
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[51] **Int.Cl. A01N 43/88 (2006.01) A01N 43/50 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL ACTIVE INGREDIENT COMBINATIONS COMPRISING FLUOXASTROBIN**
[54] **COMBINAISONS D'INGREDIENTS ACTIFS FONGICIDES COMPRENANT LA FLUOXASTROBI E**
[72] DUTZMANN, STEFAN, DE
[72] KERZ-MOEHLENDICK, FRIEDRICH, DE
[72] SUTY-HEINZE, ANNE, DE
[72] HEINEMANN, ULRICH, DE
[71] BAYER CROPSCIENCE AG, DE
[22] 2005-10-11
[41] 2006-04-20
[62] 2,583,321
[30] DE (10 2004 049 761.3) 2004-10-12

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[25] EN
[54] **MEDIA STREAM SCHEDULING FOR HICCUP-FREE FAST-CHANNEL-CHANGE IN THE PRESENCE OF NETWORK CHOKEPOINTS**
[54] **COORDINATION DE FLUX MULTIMEDIA PERMETTANT LE CHANGEMENT RAPIDE DE CANAL SANS INTERRUPTION EN PRESENCE DE POINTS D'ETRANGLEMENT DU RESEAU**
[72] GREEN, DUSTIN L., US
[71] MICROSOFT CORPORATION, US
[22] 2004-09-08
[41] 2005-04-10
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[25] EN
[54] **METHOD AND APPARATUS FOR ESTIMATING THE INSTANTANEOUS ROTATIONAL SPEED OF A BOTTOM HOLE ASSEMBLY**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ESTIMER LA VITESSE INSTANTANEE DE ROTATION D'UN ENSEMBLE EN FOND DE TROU DE FORAGE**
[72] KYLLINGSTAD, AAGE, NO
[72] NESSJOEN, PAAL JACOB, NO
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2009-11-30
[41] 2010-06-10
[62] 2,745,062
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[30] GB (0907760.3) 2009-05-07

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[25] EN
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[54] **LIGANDS DES RECEPTEURS DE LA MELANOCORTINE**
[72] DONG, ZHENG XIN, US
[72] MOREAU, JACQUES-PIERRE, US
[71] IPSEN PHARMA S.A.S., FR
[22] 2006-07-10
[41] 2007-01-18
[62] 2,614,615
[30] US (60/697,779) 2005-07-08
[30] US (60/748,850) 2005-12-09

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[51] **Int.Cl. F16K 11/074 (2006.01) F16K 3/08 (2006.01) F16K 3/314 (2006.01)**
[25] EN
[54] **MIXING VALVE**
[54] **MELANGEUR**
[72] THOMAS, KURT JUDSON, US
[72] ROSKO, MICHAEL SCOT, US
[72] BARBER, JOSHUA R., US
[72] PINETTE, THOMAS C., US
[71] MASCO CORPORATION OF INDIANA, US
[22] 2007-07-18
[41] 2008-01-31
[62] 2,666,602
[30] US (11/494,889) 2006-07-28

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[13] A1
[51] **Int.Cl. C07H 21/04 (2006.01) C07H 21/00 (2006.01) C12N 15/40 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDES AND METHODS FOR DETECTION OF WEST NILE VIRUS**
[54] **OLIGONUCLEOTIDES ET PROCEDES DE DETECTION DU VIRUS DU NIL OCCIDENTAL**
[72] GLENN, CHRISTOPHER C., US
[72] BURDE, STEFAN H.M., US
[72] GIERMAN, TODD M., US
[71] BAYER HEALTHCARE LLC, US
[22] 2004-11-10
[41] 2005-05-26
[62] 2,545,807
[30] US (60/519,096) 2003-11-12

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[13] A1
[51] **Int.Cl. C07K 14/32 (2006.01) A61K 38/16 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 14/21 (2006.01) C07K 14/25 (2006.01) C07K 14/34 (2006.01) C07K 19/00 (2006.01) C12N 9/54 (2006.01) C12N 9/64 (2006.01) C12N 9/72 (2006.01)**
[25] EN
[54] **MUTATED ANTHRAX TOXIN PROTECTIVE ANTIGEN PROTEINS THAT SPECIFICALLY TARGET CELLS CONTAINING HIGH AMOUNTS OF CELL-SURFACE METALLOPROTEINASES OR PLASMINOGEN ACTIVATOR RECEPTORS**
[54] **PROTEINES ANTIGENES PROTECTRICES CONTRE LES TOXINES D'ANTHRAX AYANT SUBI UNE MUTATION, ET CIBLANT DES CELLULES PRESENTANT DE GRANDES QUANTITES DE METALLOPROTEINASES DE SURFACE CELLULAIRE OU DE RECEPTEURS D'ACTIVATEURS DU PLASMINOGENE**
[72] BUGGE, THOMAS, US
[72] LIU, SHI-HUI, US
[72] NETZEL-ARNETT, SARAH, US
[72] BIRKEDAL-HANSEN, HENNING, US
[72] LEPPLA, STEPHEN, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US
[22] 2000-09-22
[41] 2001-03-29
[62] 2,385,122
[30] US (60/155,961) 1999-09-24

[21] **2,793,132**
[13] A1
[51] **Int.Cl. A61F 11/14 (2006.01) A42B 1/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAKING AN EAR WARMER AND AN EAR WARMER FRAME**
[54] **APPAREIL ET PROCEDE DE FABRICATION D'UN CHAUFFE-OREILLES ET CADRE DE CHAUFFE-OREILLES**
[72] LE GETTE, BRIAN E., US
[72] ISOM, MATTHEW, US
[72] TIPP, ALAN, US
[72] WILSON, RONALD L., II, US
[72] WERNER, JUSTIN S., US
[71] 180S, INC., US
[22] 2003-01-28
[41] 2003-08-07
[62] 2,474,536
[30] US (10/056,093) 2002-01-28

[21] **2,793,134**
[13] A1
[51] **Int.Cl. B65B 13/22 (2006.01) B25B 25/00 (2006.01)**
[25] EN
[54] **TENSION AND ANTI-RECOIL MECHANISM FOR CABLE TIE TOOL**
[54] **MECANISME A TENSION ET ANTIRECUL POUR OUTIL A ATTACHES DE CABLE**
[72] PAULSSON, GORAN, SE
[72] WADLING, SVEN, SE
[72] NORIN, JOAKIM, SE
[72] TAPPER, JOHAN, SE
[72] FAHLEN, ANDERS, SE
[72] MAGNO, JOEY D., JR., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2005-02-10
[41] 2006-08-10
[62] 2,496,862
[30] US (60/544,361) 2004-02-13

[21] **2,793,138**
[13] A1
[51] **Int.Cl. C07D 213/65 (2006.01)**
[25] EN
[54] **HYDROXYBENZOATE SALTS OF METANICOTINE COMPOUNDS**
[54] **SELS D'HYDROXYBENZOATE DE COMPOSES DE METANICOTINE**
[72] MUNOZ, JULIO A., US
[72] GENUS, JOHN, US
[72] MOORE, JAMES R., US
[71] TARGACEPT, INC., US
[22] 2005-11-09
[41] 2006-05-18
[62] 2,584,448
[30] US (60/626,751) 2004-11-10

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[13] A1
[51] **Int.Cl. A63B 37/12 (2006.01) A63B 45/00 (2006.01) B29C 39/10 (2006.01) B29C 45/14 (2006.01)**
[25] EN
[54] **GOLF BALLS WITH ROTATIONALLY OFFSET DIMPLE PATTERN HALVES**
[54] **BALLES DE GOLF A PATRONS D'ALVEOLES DISPOSES A CONTRESENS DU MOUVEMENT DE ROTATION SUR LA MOITIE D'UN SECTEUR**
[72] FITCHETT, DEREK A., US
[72] NEWBURY, PETER, US
[71] NIKE INTERNATIONAL LTD., US
[22] 2011-07-19
[41] 2011-09-27
[62] 2,746,597
[30] US (12/860,313) 2010-08-20

[21] **2,793,197**
[13] A1
[51] **Int.Cl. H02G 3/16 (2006.01) H01R 4/26 (2006.01) H01R 4/28 (2006.01) H01R 4/66 (2006.01)**
[25] EN
[54] **ELECTRICAL OUTLET BOX WITH AN L-SHAPED GROUND STRAP CONNECTED THERETO**
[54] **BOITE DE PRISE ELECTRIQUE MUNIE D'UNE TRESSE DE MISE A LA TERRE EN FORM DE "L" RELIEE A LADITE BOITE**
[72] MANN, JAGJIWAN SINGH, CA
[71] ORTECH INDUSTRIES INC., CA
[22] 2011-10-31
[41] 2012-02-29
[62] 2,757,124

[21] **2,793,208**
[13] A1
[51] **Int.Cl. H02G 3/16 (2006.01) H01R 4/26 (2006.01) H01R 4/28 (2006.01) H01R 4/66 (2006.01)**
[25] EN
[54] **ELECTRICAL OUTLET BOX WITH AN L-SHAPED GROUND STRAP CONNECTED THERETO**
[54] **BOITE DE PRISE ELECTRIQUE MUNIE D'UNE TRESSE DE MISE A LA TERRE EN FORME DE "L" RELIEE A LADITE BOITE**
[72] MANN, JAGJIWAN SINGH, CA
[71] ORTECH INDUSTRIES INC., CA
[22] 2011-10-31
[41] 2012-02-29
[62] 2,757,124

[21] **2,793,228**
[13] A1
[51] **Int.Cl. B01D 53/047 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **PRODUCT GAS CONCENTRATOR AND METHOD ASSOCIATED THEREWITH**
[54] **CONCENTRATEUR DE PRODUIT GAZEUX ET PROCEDE ASSOCIE**
[72] SPRINKLE, TOM, US
[72] DANIELS, WILLIAM J., US
[72] FELTY, DAVID G., US
[72] HODOS, VALENTINE A., US
[72] SHELNUTT, SAMUEL J., US
[72] DROBNAK, THOMAS A., US
[72] OLSZEWSKI, JONATHON R., US
[72] FABIAN, MARTIN J., US
[71] INVACARE CORPORATION, US
[22] 2008-04-21
[41] 2008-10-30
[62] 2,684,871
[30] US (60/913,056) 2007-04-20
[30] US (60/968,273) 2007-08-27

[21] **2,793,301**
[13] A1
[51] **Int.Cl. H02G 3/16 (2006.01)**
[25] EN
[54] **ELECTRICAL OUTLET BOX WITH AN L-SHAPED GROUND STRAP CONNECTED THERETO**
[54] **BOITE DE PRISE ELECTRIQUE MUNIE D'UNE TRESSE DE MISE A LA TERRE EN FORME DE "L" RELIEE A LADITE BOITE**
[72] MANN, JAGJIWAN SINGH, CA
[71] ORTECH INDUSTRIES INC., CA
[22] 2011-10-31
[41] 2012-02-29
[62] 2,757,124

[21] **2,793,745**
[13] A1
[51] **Int.Cl. A61B 18/08 (2006.01) H05B 1/00 (2006.01) H05B 3/02 (2006.01)**
[25] EN
[54] **POWER SUPPLY FOR IDENTIFICATION AND CONTROL OF ELECTRICAL SURGICAL TOOLS**
[54] **ALIMENTATION ELECTRIQUE PERMETTANT DE RECONNAITRE DES INSTRUMENTS ELECTRIQUES A USAGE CHIRURGICAL ET DE LES COMMANDER**
[72] HOWELL, THOMAS A., US
[71] MICROLINE SURGICAL, INC., US
[22] 2003-03-13
[41] 2003-09-25
[62] 2,483,789
[30] US (10/099,500) 2002-03-13

[21] **2,793,752**
[13] A1
[51] **Int.Cl. A61L 27/10 (2006.01) A61L 27/54 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **ARTIFICIAL BONE AND JOINT COMPOSITION COMPRISING A CALCIUM ALUMINATE CONTAINING PHASE AND METHODS OF USE AND MANUFACTURE**
[54] **COMPOSITIONS D'OS ET D'ARTICULATIONS ARTIFICIELS COMPRENANT UN ALUMINATE DE CALCIUM QUI CONTIENT UNE PHASE, ET PROCEDES D'UTILISATION ET DE FABRICATION DESDITES COMPOSITIONS**
[72] MCGOWAN, KENNETH A., US
[71] MCGOWAN, KENNETH A., US
[22] 2004-08-24
[41] 2005-03-10
[62] 2,536,674
[30] US (60/497,999) 2003-08-25

[21] **2,793,771**
[13] A1
[51] **Int.Cl. E01C 5/14 (2006.01) B66C 1/66 (2006.01) E01C 9/08 (2006.01) E01D 15/12 (2006.01) F16B 45/00 (2006.01)**
[25] EN
[54] **GROUND COVERING SUPPORT STRUCTURE**
[54] **STRUCTURE DE SUPPORT DE REVETEMENT DE SOL**
[72] MCGINLEY, MIKE, CA
[72] BARNETT, IAN, CA
[72] FARNEY, GREG, CA
[71] MCGINLEY, MIKE, CA
[71] BARNETT, IAN, CA
[71] FARNEY, GREG, CA
[22] 2007-05-10
[41] 2008-11-10
[62] 2,588,218

[21] **2,793,789**
[13] A1
[51] **Int.Cl. G11B 20/12 (2006.01) G11B 7/007 (2006.01)**
[25] EN
[54] **WRITE-ONCE RECORDING MEDIUM, RECORDING METHOD, RECORDING APPARATUS, REPRODUCTION METHOD, AND REPRODUCTION APPARATUS**
[54] **SUPPORT D'ENREGISTREMENT NON EFFACABLE, PROCEDE D'ENREGISTREMENT, DISPOSITIF D'ENREGISTREMENT, PROCEDE DE REPRODUCTION ET DISPOSITIF DE REPRODUCTION**
[72] UEDA, HIROSHI, JP
[72] ITO, MOTOSHI, JP
[71] PANASONIC CORPORATION, JP
[22] 2004-07-07
[41] 2005-01-13
[62] 2,531,572
[30] JP (2003-272084) 2003-07-08

Index of Canadian Patents Issued

December 4, 2012

Index des brevets canadiens délivrés

4 decembre 2012

AAC TRADE LTD 2,584,632
AB SKF 2,561,056
ABB FRANCE 2,640,936
ABB TECHNOLOGY AG 2,528,582
ABB TECHNOLOGY LTD. 2,471,507
ABBOTT LABORATORIES 2,562,189
ABDICHE, YASMINA NOUBIA 2,626,120
ABE, KIYOFUMI 2,732,005
ABE, SHINYA 2,475,438
ABOVITZ, RONY A. 2,532,469
ABRAHAM, WILLIAM 2,439,689
ABRAMS, WILLIAM M. 2,568,739
ABRECHT, STEFAN 2,600,203
ACINO AG 2,534,338
ACKERMAN, ALAN H. 2,521,177
ACKERMAN, MICHAEL COLIN 2,455,408
ACTIVBIOTICS PHARMA LLC 2,538,078
ADAMOU, JOHN E. 2,371,714
ADAMS, PAUL 2,566,334
ADM21 CO., LTD. 2,678,918
AFFIVAL 2,665,307
AFTON CHEMICAL CORPORATION 2,661,300
AGAINE CSONGOR, EVA 2,684,149
AGHILI, BEHROUZ 2,687,064
AHMED, SALMAAN 2,689,876
AHN, BYOUNG-OK 2,703,783
AHN, GOOK-JUN 2,703,783
AIR PRODUCTS AND CHEMICALS, INC. 2,622,466
AIR PRODUCTS AND CHEMICALS, INC. 2,697,916
AIR PRODUCTS AND CHEMICALS, INC. 2,705,640
AIRBORNE INTERNATIONAL HOLDINGS LLC 2,500,734
AIRBUS OPERATIONS GMBH 2,541,820
AIRBUS OPERATIONS SAS 2,493,014
AIRBUS OPERATIONS SAS 2,586,892
AJINOMOTO CO., INC. 2,557,274
AKEMI, HITOSHI 2,514,635
AKEMI, HITOSHI 2,544,709
AKRON BRASS COMPANY 2,438,889
AL DIERI, RAED 2,484,554
ALBANY INTERNATIONAL CORP. 2,526,969
ALBANY INTERNATIONAL CORP. 2,527,631
ALBANY INTERNATIONAL CORP. 2,546,374
ALBRECHT, DAVID D. 2,661,895
ALFAGOMMA S.P.A. 2,557,126
ALFSEN, ANNETTE 2,531,865
ALLAM, RODNEY JOHN 2,622,466
ALLAN, BARRETT W. 2,525,139
ALLEN, DAVID R. 2,656,697
ALLEN, JOHN 2,481,873
ALLEN, STEPHEN 2,382,363
ALLERGAN INC. 2,521,177
ALLIGATOR BIOSCIENCE AB 2,430,582
ALLISON, BRETT D. 2,622,760
ALLOO, LAWRENCE GORDON 2,612,659
ALSTOM TECHNOLOGY LTD 2,564,639
ALSTOM TECHNOLOGY LTD 2,675,503
ALTENSCHOEPFER, PETER 2,534,338
ALTUNDAS, YUSUF BILGIN 2,729,807
AMADEO, GABRIEL IGNACIO 2,629,304
AMARK, MIKAEL 2,623,655
AMBROSIO, ARCHEL A. 2,644,901
AMERICAN STERILIZER COMPANY 2,677,083
AMERICAN SUPERCONDUCTOR CORPORATION 2,677,777
AMIJI, MANSOOR M. 2,428,834
AMS RESEARCH CORPORATION 2,556,193
ANASTASIJEVIC, NIKOLA 2,503,221
ANDERSON, DANIEL G. 2,428,834
ANDERSON, JON JAMES 2,560,744
ANDERSON, MARI L. 2,755,890
ANDO, TOMOE 2,506,784
ANDRE, JEAN-LUC 2,554,015
ANDRIEU, JEREMIE 2,496,343
ANDRX PHARMACEUTICALS, LLC 2,675,724
ANSALDO STS USA, INC. 2,446,545
ANSON MEDICAL LIMITED 2,554,224
ANTHONY, RAYFORD G. 2,689,390
AOIKE, SATORU 2,706,360
APPLEBY, DANNY LEE 2,473,889
APPLIED MOLECULAR EVOLUTION INC. 2,525,139
ARCELORMITTAL FRANCE 2,690,098
ARCELORMITTAL TUBULAR PRODUCTS CANADA INC. 2,534,653
ARISTIDOU, ARISTOS 2,524,387
ARJO HOSPITAL EQUIPMENT AB 2,656,877
ARKEMA FRANCE 2,677,972
ARONSTAM, PETER S. 2,603,536
ARTANA, CRISTINA NOEMI 2,629,304
ASAHI KASEI MEDICAL CO., LTD. 2,657,514
ASAKAWA, NAOKI 2,599,340
ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC 2,579,771
ASKEW, HERBERT FRANK 2,577,477
ASLIN, DAVID CHARLES 2,525,203
ASRAR, JAWED 2,424,096
ASSA ABLOY AB 2,529,104
AUDET, MATHIEU 2,609,873
AUDIOVOX CORPORATION 2,543,034
AUZAS, ERIC 2,548,189
AVAYA INC. 2,464,848
AVERY DENNISON CORPORATION 2,554,563
AXON, RONALD G. 2,534,223
BACKCOUNTRY ACCESS, INC. 2,750,288
BACSKAI, AMY M. 2,761,554
BACSKAI, AMY M. 2,766,463
BAGHERZADEH, EBRAHIM 2,689,390
BAJIC, STEVE 2,466,552
BAKER HUGHES INCORPORATED 2,603,536
BAKER, CAMERON MACMILLAN 2,501,906
BAKER, DOMINIC 2,522,519
BALASUBRAMANIAN, HOLLY ANN 2,648,061
BALL PACKAGING EUROPE GMBH 2,573,088
BALUCA, EARNEST G. 2,664,682
BANERJI, SUNAND 2,656,688
BANSBACH, ERIC A. 2,563,935
BAO, YONGJIAN 2,628,398
BARANYI, GIUSEPPA 2,655,266
BARBOT, CAROLE 2,591,307
BARNETT, NEIL GORDON 2,709,336
BARNETT, THOMAS J. 2,438,889
BARRY CALLEBAUT AG 2,493,097
BARRY, MICHAEL, D. 2,669,007
BARTELMUSS, KLAUS 2,585,579
BASF AKTIENGESELLSCHAFT 2,563,710
BASF AKTIENGESELLSCHAFT 2,570,358
BASF AKTIENGESELLSCHAFT 2,579,728
BATCHER, THOMAS 2,575,766
BATEMAN, ROBERT HAROLD 2,466,552
BATTLES, CHRISTOPHER AUSTIN 2,457,484

Index of Canadian Patents Issued
December 4, 2012

BAUSCH & LOMB INCORPORATED 2,674,543
BAXTER, PAUL 2,480,173
BAYER CROPSCIENCE AG 2,543,052
BAYER CROPSCIENCE AG 2,592,868
BAYER HEALTHCARE LLC 2,633,496
BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT 2,577,596
BEARD, MARK STEPHEN JAMES 2,673,842
BEAUFILS, SEBASTIEN 2,415,576
BECK, BRIAN ROBERT 2,695,440
BEDAT, JOELLE 2,563,710
BEDELL, MICHAEL W. 2,661,719
BEERS, RICHARD 2,400,868
BEFUMO, MARCELO F. 2,551,751
BEGUIN, SUZETTE L. 2,484,554
BEIJING MOLECULE SCIENCE AND TECHNOLOGY CO., LTD 2,640,396
BELL HELICOPTER TEXTRON INC. 2,580,995
BELL HELICOPTER TEXTRON INC. 2,662,833
BELLIS, PAMELA 2,585,874
BELLMANN, DR. GUENTHER 2,582,934
BENATAR, AVRAHAM 2,580,995
BENATAR, VIDAL 2,617,363
BENKHOFF, HERMANN 2,738,381
BENNANI, YOUSSEF L. 2,562,189
BENNINGTON, WILLIAM JOHN, II 2,695,440
BENSON, JENNIFER 2,585,874
BERG, THOMAS P. 2,575,766
BERGEL, ALAIN 2,494,747
BERIOU, PATRICK 2,585,845
BERNHART, WILLIAM HENRY 2,541,071
BERRY, ROBERT CHARLES 2,612,659
BERTELMUSS, HEINZ 2,585,579
BERTHIAUME, YVES 2,609,873
BERTRAND, PHILIPPE 2,493,097
BETH ISRAEL DEACONESS MEDICAL CENTER, INC. 2,422,294
BEUTE, JAN 2,594,583
BEYAR, MORDECHAY 2,763,752
BIBR, VIERA 2,539,465
BICHEL, JOE 2,500,734
BIDDINGTON, DALE 2,635,194
BIED, DOMINIQUE 2,542,272
BIERNAT, KRZYSZTOF P. 2,695,803
BIGGS, MICHAEL 2,639,108
BIGNER, DARELL 2,400,868
BIKIARIS, DIMITRIOS 2,696,977
BILLINGS, ALAN L. 2,546,374
BILODEAU, WAYNE L. 2,554,563
BIO-RAD LABORATORIES, INC. 2,656,688
BIOMOLECULAR PRODUCTS, INC. 2,462,906
BIOPLAX LIMITED 2,529,441
BIOREGEN BIOMEDICAL (CHANGZHOU) CO., LTD. 2,672,019
BISMARK, HARDY 2,529,104
BLACKLOCK, JON 2,669,007
BLAKE, ERIK 2,653,426
BLAKELY, WILLY 2,645,205
BLAKER, DAVID A. 2,666,638
BLANKENSHIP, CALVIN 2,679,143
BLESENER, JAMES L. 2,446,545
BLOCHLINGER, FRED 2,568,401
BLOMET, JOEL 2,585,845
BOBIN, CAROLE 2,590,108
BOCHUMER VEREIN VERKEHRSTECHNIK GMBH 2,612,113
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,537,748
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,544,886
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,548,323
BOIVIN, MATHIEU 2,689,745
BOIVIN, MATHIEU 2,689,746
BOIVIN, MATHIEU 2,689,751
BOLCAVAGE, ANN 2,473,889
BONNER, BRETT, BRACEWELL 2,709,757
BONNER, MARK A. 2,594,995
BOODTS, PETER 2,601,013
BOONE, THOMAS JAMES 2,651,527
BOORMAN, JIM 2,726,211
BORGMANN, CORNELIA 2,576,819
BORREBAECK, CARL 2,430,582
BORSARI, MAURIZIO 2,485,923
BORSINGER, GREGORY 2,689,390
BOTTE, GERARDINE G. 2,542,313
BOUCHET, CHRISTOPHE 2,493,014
BOUGARET, JOEL 2,551,493
BOURGES, PATRICK 2,590,108
BOURGET, SEBASTIEN 2,500,970
BOURGOIN, RINO 2,759,930
BOURY, JACQUES AUGUSTE AMEDEE 2,550,442
BOUZAS, HORACIO R. 2,635,922
BP CHEMICALS LIMITED 2,556,954
BRADHAM, DOUGLASS M. 2,222,509
BRADLEY, ROGER M. 2,444,159
BRADY, DANIEL F. 2,575,766
BRAND, FABIEN JEAN 2,549,146
BRANDNER, MARCO 2,577,596
BRASWELL, JAMES LEE, JR. 2,662,833
BREKKEN, HANS 2,669,007
BREMAUER, BEN 2,483,477
BRENNAN, JONATHAN PAUL 2,648,061
BRENNEMAN, ALLEN J. 2,633,496
BRENNER, MICHAEL 2,544,886
BREUER, OLIVER 2,549,205
BRIDGESTONE BANDAG, LLC 2,332,448
BRINKER, RONALD J. 2,439,689
BROADBENT, KENNETH 2,527,025
BROCKMAN, GARY R. 2,505,290
BRODT, GREGOR 2,579,728
BROOKS INSTRUMENT LLC 2,540,633
BROOMFIELD, DONALD 2,648,309
BROUGHALL, JOHN MORTON 2,577,477
BROWDER, MONTE 2,675,724
BROWN, DEREK 2,745,704
BROWN, LAWRENCE A. 2,498,406
BROWN, MICHAEL K. 2,614,561
BROWN, REAY H. 2,648,346
BROWNSCOMBE, THOMAS FAIRCHILD 2,559,798
BRUCHMANN, BERND 2,563,710
BRUNNER, MARTIN 2,549,146
BRYANT, ANDREW MARK 2,660,779
BRYSON, MICHAEL A. 2,666,638
BSN MEDICAL, INC. 2,615,409
BUBENDORF, ANDRE GERARD 2,600,203
BUCALO, LOUIS R. 2,520,613
BUCHHOLZ, THOMAS R. 2,500,013
BUDZIK, MARK 2,477,501
BUEHLER, CHRISTOPHER J. 2,541,436
BUERGLE, MARKUS 2,526,989
BUFFENOIR, FRANCOIS 2,511,844
BUNN-O-MATIC CORPORATION 2,495,317
BUONANNO, JOHN 2,457,484
BURGESS, STEPHEN W. 2,462,906
BURKE, JAMES 2,669,442
BURKHARDT, CLAUDIUS 2,580,442
BURTON, DAVID 2,568,401
BURTON, DAVID G. 2,585,639
BUSDIECKER, MATTHEW R. 2,626,605
BUSE, HENRY 2,597,737
BUTLER, ANDREW DAVID 2,508,582
BYRNE, THOMAS 2,570,358
CALAIS, CHRISTOPHE 2,677,972
CALDERONE, MARILYN 2,579,581
CALERO, CLAIRE 2,415,576
CAMENISCH, GIAN P. 2,572,743
CAMPBELL, CHARLES O. 2,529,776
CAMPBELL, TOM 2,662,833
CANDELORE, BRANT L. 2,498,326
CANO, JOSEP 2,700,871
CAO, TUAN 2,590,753
CAPITANT, PATRICE 2,462,673
CARBERRY, JEANNETTE 2,416,209
CARCAGNO, GABRIEL E. 2,596,513
CARGILL INC. 2,524,387
CARL FREUDENBERG KG 2,694,066
CARLETON LIFE SUPPORT SYSTEMS INC. 2,590,753
CARLSSON, ROLAND 2,430,582
CARR, BRIAN S. 2,664,331
CARRUTHERS, NICHOLAS I. 2,622,760
CARTIER, DOMINIQUE 2,427,043
CARVIN, PHILIPPE 2,655,413
CASTELLANO, BRADLEY 2,699,668
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,427,043
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,494,747
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,585,330
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,553,742

Index des brevets canadiens délivrés
4 decembre 2012

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,589,252
CEPHEID 2,462,683
CERNIUM CORPORATION 2,399,106
CHABBA, SHITIJ 2,615,409
CHALONER, WILLIAM JESSE 2,612,659
CHAN, WEN-YEN 2,623,941
CHAPLIN, JENNIFER ANN 2,718,302
CHARI, ANAND K. 2,667,370
CHATZIS, IOANNIS 2,511,957
CHAUMONNOT, ALEXANDRA 2,590,108
CHEEVER, MARTIN 2,349,442
CHEN, ERNEST C. 2,665,713
CHEN, KUNG-CHENG 2,688,269
CHEN, LONG 2,707,359
CHEN, TAO 2,638,956
CHEN, ZHAOGEN 2,663,511
CHENEY, DAVID 2,766,463
CHENG, GANG 2,640,396
CHEVALIER, CYRIL 2,573,036
CHIANG, MIN-HENG 2,689,449
CHITRAPU, PRABHAKAR R. 2,687,064
CHITREN, ELIZABETH 2,500,442
CHO, IN HO 2,664,471
CHO, KI CHUL 2,664,469
CHO, MYONG J. 2,468,151
CHOI, GIL H. 2,371,714
CHOI, SEUL-MIN 2,703,783
CHOI, SOO-JUNG 2,703,783
CHOU, DAVID TEH-WEI 2,572,032
CHOWDHURY, PARTHA S. 2,400,868
CHRIST, THOMAS 2,682,168
CHRISTIE, LYNN 2,704,692
CHUBU UNIVERSITY EDUCATIONAL FOUNDATION 2,611,722
CHUGAI SEIYAKU KABUSHIKI KAISHA 2,532,966
CIBA SPECIALTY CHEMICALS HOLDING INC. 2,549,146
CIRCUIT BREAKER INDUSTRIES LTD 2,521,291
CIRCUIT WORKS, INC. 2,708,665
CLARIANT SPECIALTY FINE CHEMICALS (FRANCE) 2,481,708
CLARK, JEREMY A. 2,761,554
CLARK, JEREMY A. 2,766,463
CLAUS-HERZ, GUDRUN 2,582,934
CLEMENT, BERND 2,526,989
CLOYD, JASON HOWARD 2,750,288
COATI, MICHELE 2,561,155
CODMAN & SHURTLEFF, INC. 2,457,484
COELHO, DONALD A., JR. 2,457,484
COGEN, JEFFREY M. 2,587,944
COHEN, ELI 2,584,632
COHN, WILLIAM E. 2,507,803
COLGATE-PALMOLIVE COMPANY 2,570,826
COLLIER, SIERRA JONES 2,626,120
COMARCO WIRELESS TECHNOLOGIES, INC. 2,757,378
COMMISSARIAT A L'ENERGIE ATOMIQUE 2,494,747
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,609,449
COMPUMEDICS LIMITED 2,568,401
COMSTOCK, JOHN PAUL 2,560,666
CONAGRA FOODS LAMB WESTON, INC. 2,505,290
CONDER, PAUL J. 2,332,448
CONMED CORPORATION 2,639,108
CONRAD, LARS SPARRE 2,212,456
CONTITECH LUFTFEDERSYSTEME GMBH 2,561,056
CONWAY, JOHN KELSHAW 2,660,779
COOK MEDICAL TECHNOLOGIES LLC 2,580,859
COOK MEDICAL TECHNOLOGIES LLC 2,585,639
COOK MEDICAL TECHNOLOGIES LLC 2,702,203
COOK MEDICAL TECHNOLOGIES LLC 2,710,755
COOK VASCULAR INCORPORATED 2,678,243
COOKSON, MATTHEW 2,746,496
COOPER, MATT 2,542,313
COOPER, MICHAEL J. 2,601,657
CORIXA CORPORATION 2,349,442
CORKE, PETER IAN 2,609,449
COSTANTINI, LAUREN 2,520,613
COVENTRY-SAYLOR, KATHLEEN H. 2,415,576
COWART, MARLON D. 2,562,189
CO2 SOLUTIONS INC. 2,509,989
CREA, ROBERTO 2,474,798
CREAGRI, INC. 2,474,798
CROMIE, LILIAN 2,645,205
CUI, HAO 2,640,396
CUI, YINGJUN 2,707,359
CULLIS, PIETER R. 2,309,727
CURELLO, ANDREW J. 2,566,334
CUTTITTA, FRANK 2,501,282
CYTEC SURFACE SPECIALTIES AUSTRIA GMBH 2,532,643
DAELLI, MARCELO GUSTAVO 2,629,304
DAHMEN, PETER 2,543,052
DAIICHI SANKYO COMPANY, LIMITED 2,604,818
DAKE, MICHAEL 2,416,289
DALLY, ROBERT DEAN 2,687,265
DALY, CHARLES DAVID 2,708,665
DAMBAUGH, GABRIEL 2,537,524
DAMBRINE, BRUNO 2,500,970
DAMBULEFF, KYRIL 2,690,663
DAMESHEK, ANATOLIY A. 2,656,697
DANICAN, SAMUEL 2,745,704
DANISHEFSKY, SAMUEL J. 2,520,732
DAUGHERTY, ESTES M. 2,332,448
DAUM, KARL-HEINZ 2,503,221
DAVIDAI, GIORA 2,537,748
DAVIES, JULIAN 2,525,139
DAVIS, CHARLES RUSSELL 2,480,173
DAVIS, JOHN 2,690,663
DAVIS, TRENT W. 2,527,631
DAVIS, VIRGIL M. 2,624,758
DE JONG, KATHY L. 2,655,266
DE LOUBENS, ROMAIN 2,729,807
DE MEULENAER, ERIC CORDEMANS 2,579,771
DE SILVA, AMILRA PRASANNA 2,532,181
DE STAAT DER NEDERLANDEN, VERTEGENWOORDIGD DOOR DE MINISTER VAN VWS 2,566,409
DEBUIRE, JACQUES 2,576,773
DECOMA INTERNATIONAL INC. 2,527,223
DEELUXE SPORTARTIKEL HANDELS GMBH 2,549,205
DEJUAN, EUGENE JR. 2,451,663
DENKA SEIKEN CO. LTD. 2,508,674
DENTSPLY DE TREY GMBH 2,518,202
DEPUTY SPINE, INC. 2,681,688
DEPUTY SPINE, INC. 2,763,752
DESAI, ARCHANA KISHORE 2,549,146
DESCLEAN BELGIE, NAAMLOZE VENNOOTSCHAP 2,601,013
DESJARDINS, MATHIEU 2,689,745
DESJARDINS, MATHIEU 2,689,746
DESJARDINS, MATHIEU 2,689,751
DESJARDINS, PHILIPPE 2,689,745
DESJARDINS, PHILIPPE 2,689,746
DESJARDINS, PHILIPPE 2,689,751
DEWARD, JOSHUA L. 2,708,565
DI CESARE, PAUL 2,457,484
DIABETES DIAGNOSTICS, INC. 2,481,873
DIAZ BUEZO, NURIA 2,713,025
DIAZ, RAUL 2,557,585
DIBDIN, STEVEN 2,540,168
DICK, KEVIN STEWART 2,446,744
DICK, STEPHEN G. 2,687,064
DIDIER, CAROLINA 2,629,304
DIETRICH, MARCUS 2,738,381
DILLON, TRAVIS E. 2,710,755
DIMAR S.R.L. 2,485,923
DIMARTINO, STEPHEN PAUL, SR 2,705,640
DIPENTI, TIMOTHY A. 2,559,185
DITTMER, JAY 2,611,499
DOERR, TILLMANN 2,627,159
DOKO, TAKASHI 2,694,401
DONG-A PHARMACEUTICAL CO., LTD. 2,703,783
DONG, XUE MIN 2,656,697
DONSBACH, KAI 2,544,886
DOOLEY, KEVIN ALLAN 2,599,839
DOW GLOBAL TECHNOLOGIES LLC 2,657,622
DR. GERHARD MANN CHEM.-PHARM. FABRIK GMBH 2,582,934
DREESE, PATRICK C. 2,434,144
DRENTH, CHRISTOPHER L. 2,720,917

Index of Canadian Patents Issued
December 4, 2012

DRUMMOND, ALEC HOLLY 2,540,168
DSM IP ASSETS BV 2,241,267
DU PONT-MITSUI FLUOROCHEMICALS CO., LTD. 2,612,498
DUDDING, ASHLEY THOMAS 2,521,290
DUFORT, CHRISTIAN 2,474,903
DUHON, MARK C. 2,684,406
DUKE UNIVERSITY 2,400,868
DULOT, HUGUES 2,590,108
DUNKEL, RALF 2,543,052
DUNTON, RANDY R. 2,548,189
DURAN VILA, SALVADOR 2,686,662
DUROCHER, ERIC 2,601,934
DUSSERRE-TELMON, GUY FRANK PAUL 2,550,885
DUTTON, ROBERT E. 2,524,512
DYBEVIK, ARTHUR H. 2,669,007
DYSON TECHNOLOGY LIMITED 2,746,496
DYSON TECHNOLOGY LIMITED 2,746,497
DYSON, JAMES 2,746,497
E.I. DU PONT DE NEMOURS AND COMPANY 2,382,363
EADS CASA ESPACIO S.L. 2,625,212
EATON CORPORATION 2,626,605
ECKHARDT, MATTHIAS 2,548,323
ECOLAB INC. 2,487,653
ECOLAB INC. 2,575,766
EDDINGTON, DONALD L. 2,614,354
EDELSTEIN, NOAH 2,458,019
EDGERLY, BRUCE JENCKS 2,750,288
EDMOND, BRIAN 2,548,509
EHRENSTEIN, MORITZ 2,579,728
EISAI R&D MANAGEMENT CO., LTD. 2,694,401
ELBE, HANS-LUDWIG 2,543,052
ELC MANAGEMENT LLC 2,678,135
ELI LILLY AND COMPANY 2,663,511
ELI LILLY AND COMPANY 2,687,265
ELI LILLY AND COMPANY 2,713,025
ELLIS, PETER J. 2,527,223
ENAULT, CHRISTIAN 2,564,639
ENDRES, DAVID MACK 2,635,922
ENEAU, PATRICE 2,550,442
ENERGY RELATED DEVICES, INC. 2,656,080
ERCHONIA CORPORATION 2,457,697
ERIKSSON, GORAN 2,578,387
ERIKSSON, STEFAN KJELL 2,690,663
ESPOSITO, PATRICK 2,576,773
ESSENFELD, ERVIN 2,635,001
ESSENFELD, HAROLD 2,635,001
ETCHEVERRIGARAY, MARINA 2,629,304
ETHIER, SHERIDAN 2,548,509
EUROCOPTER 2,704,058
EUROCOPTER 2,714,815
EUZEN, PATRICK 2,590,108
EVANS, JOHN C. 2,615,409
EVERSON, TERRENCE P. 2,575,766
EVOLUTION TECHNOLOGIES INC. 2,722,599
EVONIK OXENO GMBH 2,576,819
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,544,210
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,566,117
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,618,362
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,661,719
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,555,942
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,669,007
F. HOFFMANN-LA ROCHE AG 2,577,477
F. HOFFMANN-LA ROCHE AG 2,580,442
F. HOFFMANN-LA ROCHE AG 2,600,203
F. HOFFMANN-LA ROCHE AG 2,631,316
FAIRBANKS, FLOYD 2,566,334
FALCO, SAVERIO C. 2,382,363
FAN, HENRY H. 2,524,939
FANGER, JONATHAN 2,681,688
FANNING, RICHARD H. 2,434,144
FANUEL, PHILIPPE 2,624,697
FAOUR, JOAQUINA 2,551,751
FARET, LARS 2,669,007
FARIES, DURWARD I., JR. 2,679,143
FAROEX LTD. 2,688,924
FELDER, HUGO 2,507,206
FELDMANN, MARC 2,261,630
FELEDER, ETHEL C. 2,551,751
FENTON, WAYNE J. 2,726,211
FERNANDES, RICHARD LAWRENCE JOSEPH 2,544,835
FERON, DAMIEN 2,494,747
FERREIRA, CARLOS ALBERTO 2,521,291
FERRIERA, DANIEL PAUL 2,457,484
FIELDING, BRIAN J. 2,555,942
FILIPS, IAN 2,531,254
FINCH, CHARLES W. 2,570,358
FINCHER, ROGER W. 2,603,536
FINLAY, ANTHONY 2,501,906
FITZMAURICE, WAYNE P. 2,436,214
FLEMING, CHRISTOPHER 2,664,756
FLOWER, TERRY 2,455,408
FLSMIDTH A/S 2,774,950
FLUOR TECHNOLOGIES CORPORATION 2,697,048
FOCAL-JMLAB (SA) 2,522,519
FOCKE & CO. (GMBH & CO. KG) 2,597,737
FOKKER AEROSTRUCTURES B.V. 2,541,820
FOLEY, PATRICK EUGENE 2,708,565
FOLTS, DOUGLAS C. 2,677,777
FONTANA, ANTONIO 2,592,868
FORD, COLIN P. 2,700,657
FORPORA SARL 2,498,729
FORSCHUNGSZENTRUM KARLSRUHE GMBH 2,538,328
FOSTER, TIMOTHY J. 2,340,304
FOUCHER, JEAN-CLAUDE 2,564,639
FRADETTE, LOUIS 2,633,388
FRADETTE, SYLVIE 2,509,989
FRASER, JIM 2,559,551
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,410,956
FREEHAUF, KEITH A. 2,485,491
FREEPORT-MCMORAN CORPORATION 2,699,893
FREISS, BERNARD 2,523,342
FRESNEL, ERIC 2,674,898
FREY, HANS-HEINZ 2,538,328
FRIESEN, KIM GENE 2,692,582
FROM, WESLEY 2,559,551
FU GANG CO., LTD. 2,689,449
FUEL TRANSFER TECHNOLOGIES INC. 2,594,995
FUJII, SHUUJI 2,700,485
FUJIKI, TAKATO 2,713,186
FUJIKURA, HIDEKI 2,557,269
FUJIO, MASAKAZU 2,695,973
FUJITSU LIMITED 2,779,469
FUJIWARA, TAKAHIRO 2,697,109
FUKUDA, KEIICHI 2,540,135
FURDA, JOHN PAUL 2,589,454
FUREBRING, CHRISTINA 2,430,582
FURNACE ENGINEERING PTY LTD 2,527,025
FURUMIYA, SHIGERU 2,430,904
FURUMIYA, SHIGERU 2,431,014
FUSHIMI, NOBUHIKO 2,557,269
GABRIELSON, KURT 2,480,173
GAIGER, ALEXANDER 2,349,442
GAILLOT, MAXIME PIERRE 2,586,984
GAL, ELI 2,675,503
GALAPAGOS NV 2,567,003
GAMMACK, PETER DAVID 2,746,497
GAN, DAVID C. 2,678,135
GANTER, DIDIER 2,554,015
GARCIA-ECHEVERRIA, CARLOS 2,518,932
GARG, SACHIN 2,464,848
GARLOCK SEALING TECHNOLOGIES, LLC 2,500,442
GAROUTTE, MAURICE 2,399,106
GARTSTEIN, VLADIMIR 2,635,843
GARVEY, KEEGAN L. 2,755,890
GAUDRY, ANNE-LAURE 2,573,036
GAUL, CHRISTOPH 2,520,732
GE HEALTHCARE BIO-SCIENCES AB 2,690,663
GE HEALTHCARE LIMITED 2,590,620
GEBAUER, OLAF 2,543,052
GEDENK, VOLKER 2,561,056
GEISER, FIONA OBROCK 2,549,399
GELFAND, DAVID H. 2,631,316
GEN-PROBE INCORPORATED 2,724,266
GENDRON, ERIC 2,553,742
GENENTECH, INC. 2,463,879

Index des brevets canadiens délivrés
4 decembre 2012

GENERAL ELECTRIC COMPANY 2,628,398
GENERAL INSTRUMENT CORPORATION 2,601,657
GENERAL MILLS, INC. 2,434,144
GENKIN, EUGENE S. 2,705,640
GENNASIO, ENRICO 2,557,126
GENTEX CORPORATION 2,666,638
GERBER, DAVID 2,589,454
GERDING, LARS 2,694,066
GERSHUN, ALEKSEI V. 2,579,118
GERSTER, MICHELE 2,549,146
GHOSH, RANAJIT 2,697,916
GIARDINIERE, KEVIN JOHN 2,697,916
GIBSON, DANIEL 2,697,916
GIBSON, ERIC S. 2,624,669
GIESECKE & DEVRIENT GMBH 2,458,537
GIESEN, PETER 2,484,554
GILEAD SCIENCES, INC. 2,708,703
GILLESPIE, IAN 2,501,906
GINGRAS, JEAN-PHILIPPE 2,633,388
GIRARD, VINCENT 2,704,058
GIRAULT, PHILIPPE 2,349,048
GLANC, MARIE 2,553,742
GLAUKOS CORPORATION 2,648,346
GLAUSER, OLIVIER 2,638,956
GLOBERMAN, OREN 2,763,752
GOETZOE, STEPHAN 2,600,203
GOGO LLC 2,667,370
GOLKE, DANIEL 2,761,554
GOMEZ, JEAN 2,576,773
GORING, BRYAN, R. 2,539,465
GOSHIMA, SHOJI 2,511,166
GOSKER, JAN REINIER 2,579,771
GOUHARA, TAKAYUKI 2,506,784
GOURNAY, PHILIPPE 2,609,945
GRADY, MARK P., JR 2,571,562
GRAEVE, THOMAS 2,410,956
GRAHAM, JEFFREY A. 2,439,689
GRAMAGE PINA, LOURDES 2,672,844
GRANT, ANN 2,584,632
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,693,043
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,700,657
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,700,871
GRASSMANN, OLAF 2,600,203
GRATTON, RICHARD 2,559,551
GREATBATCH LTD. 2,575,055
GREEN, JOHN L. 2,697,916
GREER, STEVEN CRAIG 2,609,945
GREGORI, ERIC 2,508,905
GRESHAM, RICHARD D. 2,484,906
GREUL, JOERG NICO 2,543,052
GREWELL, DAVID 2,580,995
GREYSTONE, INC. 2,695,440
GREZ, JOSEPH W. 2,560,707
GRICE, CHERYL A. 2,622,760
GRIDLEY, JASON L. 2,332,448
GRIDLEY, JERRY G. 2,489,845
GRIENEISEN, JEAN-LOUIS 2,655,413
GRIESGRABER, GEORGE W. 2,495,570
GRIFFIN, JASON T. 2,688,598
GRIFFITHS, JOHN 2,577,477
GRIPFORCE TECHNOLOGIES AB 2,623,655
GRIVAS, NICOLAS 2,601,934
GROB, MATTHEW S. 2,481,368
GROSS, GERHARD 2,572,743
GROSS, RICHARD A. 2,734,311
GROTENDORST, GARY R. 2,222,509
GUDERJAHN, LUTZ 2,627,159
GUERET, CHRISTOPHE 2,590,108
GUINAND, PAUL 2,465,332
GUISE, THERESA A. 2,210,484
GUPTA, AMAR P. 2,631,316
GUTELIUS, PATRICK 2,457,484
GUY, GEOFFREY 2,568,997
GV SNOWSHOES 2,759,930
GW PHARMA LIMITED 2,568,997
GYERTYAN, ISTVAN 2,684,149
H R D CORPORATION 2,689,390
HAAG, RENE 2,571,562
HABIG, MICHAEL M. 2,755,890
HACKL, RALPH PETER 2,664,756
HADARY, DANNY 2,521,291
HAEBERLE, DAVID C. 2,669,007
HAGAI, MAKOTO 2,732,005
HAGAN, JOHN T. 2,534,223
HAGIWARA, HIROAKI 2,694,401
HAINBUCH GMBH SPANNENDE TECHNIK 2,566,885
HALLIBURTON ENERGY SERVICES, INC. 2,624,697
HALVORSON, THOMAS ALAN 2,577,496
HAMDOUCHI, CHAFIQ HAMDOUCHI 2,663,511
HAMPTON, JOHN E. 2,541,071
HAN, DONG JOO 2,664,469
HANNECART, BAUDOUIN 2,579,771
HANSSON, MATS OLOV 2,690,663
HARIMA CHEMICALS, INC. 2,601,721
HARIMA CHEMICALS, INC. 2,697,109
HARLIN, ALI 2,574,299
HARMS, ARTHUR E. 2,674,543
HARRIS CORPORATION 2,656,644
HARTEL, KARL EGLOF 2,458,537
HARTLEY, DAVID ERNEST 2,580,859
HARTMANN, BENOIT 2,543,052
HARTMANN, STEPHAN 2,576,342
HARTUNG, MARKUS 2,703,207
HASEGAWA, DAIJU 2,694,401
HASSAN, ABBAS 2,689,390
HASSAN, AZIZ 2,689,390
HAUEL, NORBERT 2,548,323
HAWKINS, GEOFFREY 2,678,135
HAWKINS, JOHN RILEY 2,681,688
HAYECK, GARRY 2,571,562
HAZEN, WAYNE W. 2,699,893
HE, JIAN 2,716,874
HEBERER, DANIEL P. 2,657,622
HECKER, MICHAEL T. 2,669,007
HECKMANN, BERTRAND 2,567,003
HEEMSKERK, JACOBUS PETRUS JOSEPHUS 2,430,904
HEEMSKERK, JACOBUS PETRUS JOSEPHUS 2,431,014
HEEMSKERK, JACOBUS PETRUS JOSEPHUS 2,475,438
HEIKENFELD, JASON C. 2,572,952
HELEN OF TROY LIMITED 2,540,168
HELMS, WILLIAM 2,508,747
HEMBRE, ERIK JAMES 2,663,511
HEMKER, FRED 2,434,144
HEMKER, HENDRICK C. 2,484,554
HENDERSON, STEVEN W. 2,684,406
HENDRICKSON USA, L.L.C. 2,521,290
HENDRIX, DAVID 2,679,143
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER 2,465,332
HERAEUS ELECTRO-NITE INTERNATIONAL N.V. 2,508,582
HERPIN, GILLES 2,714,815
HERREN, BRUNO 2,650,250
HERSMAN, F. WILLIAM 2,416,209
HEYMANN, BRUCE R. 2,679,143
HICKS, DAVID 2,443,345
HIGHLINE MANUFACTURING LTD. 2,688,590
HILL'S PET NUTRITION, INC. 2,692,582
HIMMELSBACH, FRANK 2,548,323
HINDALEKAR, SHRIRANG BHIKAJI 2,549,146
HIPSKIND, PHILIP ARTHUR 2,663,511
HIRAI, SHIN-ICHIRO 2,567,418
HIRANO, TSUTOMU 2,508,674
HIROKAWA, YUTAKA 2,590,204
HISATSUNE, MASAKAZU 2,706,360
HITACHI-GE NUCLEAR ENERGY, LTD. 2,706,360
HJELM, CHRISTOPHER, TODD 2,709,757
HJELSTUEN, OLE KRISTIAN 2,590,620
HO, KESSE 2,625,780
HOBISCH, GERALD 2,532,643
HOEBER, ORLAND 2,549,536
HOEFLER, THOMAS 2,577,596
HOERNIG, VICTOR 2,675,488
HOFMANN, JUERGEN 2,529,104
HOKE, BRYAN CLAIR, JR. 2,705,640
HOLLENBAUGH, WILLIAM H., JR. 2,707,758
HOLLY, JOHN NOEL 2,564,340
HOLST, CHRISTIAN L. 2,687,265
HOLTE, BO 2,660,462
HOLTECH MEDICAL 2,660,462
HOLTON, BENJAMIN L. 2,664,331
HONDA MOTOR CO., LTD. 2,674,190
HONEYWELL INTERNATIONAL, INC. 2,564,903
HOOK, MAGNUS 2,340,304
HOPPUS, ADAM D. 2,755,890
HORACEK, JEFFREY R. 2,677,083
HORI, MITSUHIKO 2,514,635
HORIKAWA, MASATO 2,590,204
HORN, MICHAEL 2,658,466
HORNBLOWER, VICTORIA D. M. 2,661,674
HOSAKA, YOSHIFUMI 2,514,635
HOSAKA, YOSHIFUMI 2,544,709
HOTODA, KATSUMI 2,604,818
HOUBRECHTS, STEPHAN 2,576,819
HOUZEGO, PETER JOHN 2,660,779

Index of Canadian Patents Issued
December 4, 2012

HOVIKORPI, JARI 2,557,506
HSU, CHAUR-JIAN 2,579,982
HU, NAN-XING 2,655,266
HUANG, JIANPING 2,687,265
HUANG, XIAO 2,639,034
HUANG, XIN 2,716,874
HUBER, SCOT KEVIN 2,572,032
HUEBNER GMBH 2,738,381
HUEBNER, REINHARD 2,738,381
HUGHES, DOUGLAS ANTHONY 2,626,605
HUMAN GENOME SCIENCES, INC. 2,371,714
HUNSINGER, HANS 2,538,328
HUNTER, JAMES L. 2,704,589
HUQ, ABU 2,485,491
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,550,049
HUTCHISON, JOHN C. 2,656,697
HYLAND, MARK 2,577,477
HYSELL, BRIAN D. 2,656,652
IBARRA, MARIE-DOMINIQUE 2,551,493
ICEFIELD TOOLS CORPORATION 2,653,426
IDEMITSU TECHNOFINE CO. LTD. 2,576,261
IGARASHI, MASAAKI 2,695,688
IGAWA, TOMOYUKI 2,532,966
IIJIMA, YUKO 2,601,721
IKEDA,AKIHIKO 2,723,453
ILLINOIS TOOL WORKS INC. 2,624,669
ILLINOIS TOOL WORKS INC. 2,648,309
ILLINOIS TOOL WORKS, INC. 2,695,803
ILMEN, MARJA 2,524,387
IMERYS TALC LUZENAC FRANCE 2,562,667
IMPERIAL OIL RESOURCES LIMITED 2,651,527
IMRIS INC. 2,661,674
INAOKA, KAZUSHIGE 2,697,109
INGERSLEW, JIM 2,537,524
INGERSOLL-RAND COMPANY 2,460,103
INHIBITEX, INC. 2,340,304
INOSAKA, KEIGO 2,544,709
INSTITUT FRANCAISE DU PETROLE 2,590,108
INTEL CORPORATION 2,548,189
INTELLIGRATED HEADQUARTERS, LLC 2,656,652
INTERDIGITAL TECHNOLOGY CORPORATION 2,640,885
INTERDIGITAL TECHNOLOGY CORPORATION 2,687,064
INTERVET INTERNATIONAL B.V. 2,591,307
INTIER AUTOMOTIVE INC. 2,475,749
INVENSYS SYSTEMS, INC. 2,524,512
INVENTIO AG 2,507,206
IOANNIOIS, MARIOS 2,511,957
IPSEN PHARMA S.A.S. 2,557,914
IRIE, REIKO 2,532,966
ISAJI, MASAYUKI 2,557,269
ISHIBASHI, HIROMICHI 2,430,904
ISHIKAWA, HIROKI 2,246,033
ISHIKAWA, TATSUYA 2,623,811
ISHIWATA, NORIHISA 2,590,204
ISONO, MOTOSHI 2,678,701
ITO, KOICHI 2,694,401
ITO, MASAKI 2,697,109
ITO, TAKANORI 2,695,973
ITOH, YASUKI 2,508,674
ITT MANUFACTURING ENTERPRISES, INC. 2,522,367
ITT MANUFACTURING ENTERPRISES, INC. 2,560,666
IWAMOTO, SHUNSUKE 2,590,204
JACENE, MICHAEL 2,681,688
JACOBSEN, JOHN THOMAS 2,540,168
JANSSEN PHARMACEUTICA NV 2,622,760
JANSSEN PRODUCTS, L.P. 2,665,049
JAPAN SCIENCE AND TECHNOLOGY AGENCY 2,575,768
JEALSA RIANXEIRA, S.A. 2,686,662
JEANVOINE, PIERRE 2,462,677
JELINEK, MILAN 2,609,945
JENKINS, RICHARD MICHAEL 2,518,072
JERSTROEM, GOERAN 2,540,168
JETHROW, CHRISTOPHER A. 2,677,083
JI, JINXING 2,664,756
JIANG, LI 2,532,181
JIANG, YAN 2,707,359
JIANG, ZHAOZONG 2,734,311
JIANG, ZHENG 2,716,874
JIANGSU SIMCERE PHARMACEUTICAL R & D CO., LTD 2,716,874
JOCELYN, ALAN 2,455,408
JOHANSSON, NILS-GUNNAR 2,665,049
JOHNS HOPKINS UNIVERSITY 2,451,663
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 2,549,399
JOHNSON, DENNIS 2,500,734
JOHNSON, ORREN S. 2,622,362
JOHNSON, RICKY LEE 2,568,739
JOHNSON, ROYCE W. 2,644,901
JOHNSON, WARREN THOMAS 2,501,628
JONES, ANTHONY 2,554,224
JONES, CHRISTOPHER RAYMOND 2,557,585
JONES, TIMOTHY GARETH JOHN 2,532,181
JONES, TITUS, ARTHUR 2,709,757
JONES, WILLIAM H., JR. 2,708,665
JORDA, ERIC 2,633,388
JOSEPH, SAJAN 2,687,265
JOSSO, MARTIN 2,573,036
JOUFFRET, FREDERIC 2,562,667
JOW, JINDER 2,497,032
JOYCE, TIM 2,667,370
JUCH, MATHIAS 2,580,442
JULIAN, DAVID JONATHAN 2,612,316
JULIAN, JOHN C. 2,505,290
JURASEK, JOHN 2,501,405
JURIK, LARRY 2,724,266
JWC ENVIRONMENTAL, LLC 2,669,442
KADONO, SHINYA 2,732,005
KAHN, ARI 2,529,672
KALAYANOV, GENADIY 2,665,049
KAMADA, KAZUMI 2,466,141
KANAZAWA, TAKANORI 2,518,932
KANEKO, KATSUMI 2,499,416
KANEKO, TOSHIHIKO 2,694,401
KANG, KYUNG-KOO 2,703,783
KANG, TAE-KYUNG 2,703,783
KANIE, NAOKI 2,703,201
KAPPES, MARTIN 2,464,848
KAR, ARAVINDA 2,455,408
KARAVAS, EVANGELOS 2,696,977
KARIM, ASIF 2,579,728
KATO, MASASHI 2,611,722
KATRITZKY, ALAN ROY 2,618,362
KATSUKI, MASATOSHI 2,700,485
KATZ, BERNARD 2,724,266
KAWAGUCHI, SUMIO 2,474,976
KAWAHARA, EIJI 2,518,932
KAWANO, KOKI 2,694,401
KAWASE, HARUHISA 2,527,223
KAWAZOE, MITSUYOSHI 2,612,498
KAZALA, RICHARD MARVIN, JR. 2,725,943
KCI LICENSING, INC. 2,644,901
KCI LICENSING, INC. 2,673,842
KCI LICENSING, INC. 2,725,943
KEATING, MICHAEL 2,724,266
KEDL, ROSS M. 2,495,570
KEEBLE, DUNCAN 2,554,224
KEENAN, JOHN JAMES 2,549,399
KEEVIL, ALLAN 2,455,408
KELLER, HUBERT 2,538,328
KELLER, WALTER 2,612,878
KELLY, RUTH A. 2,582,543
KELLY, SCOTT 2,669,442
KENNEDY, STEVE 2,501,405
KERN, ELIZABETH C. 2,755,890
KERR, RON 2,465,332
KERSBERGEN, ROBERT WILLIAM 2,452,066
KETCHUM, JOHN W. 2,547,112
KEZELE, DUSKO ANTONIO 2,559,551
KHAN, NASSERULLAH 2,623,941
KHOMYNETZ, ZINOVIY DMITRIEVICH 2,692,562
KIHARA, TAKU 2,499,416
KIM, BO YEON 2,664,471
KIM, DONG-HWAN 2,703,783
KIM, DONG-SUNG 2,703,783
KIM, HENRY 2,571,562
KIM, IN KYU 2,678,918
KIM, JIN-A 2,569,020
KIM, SUNG DAE 2,515,435
KIM, YONG-DUCK 2,703,783
KIM, YUN-SUNG 2,569,020
KIMURA, AKIO 2,567,418
KIMURA, TEIJI 2,694,401
KIMURA, YOSHIHARU 2,601,721
KIRKUP, MICHAEL G. 2,614,561
KIRSCHNER, NORBERT ANTAL 2,684,149

Index des brevets canadiens délivrés
4 decembre 2012

KIRSTAEDTER, ANDREAS 2,496,343
KISS, BELA 2,684,149
KISSEI PHARMACEUTICAL CO., LTD. 2,557,269
KITAZAWA, NORITAKA 2,694,401
KIYONO, HIROOMI 2,604,818
KLEE, JOACHIM E. 2,518,202
KLENGER, STONE 2,724,266
KLEPPNER, SOFIE 2,520,613
KLIEGMAN, ADRIANA B. 2,540,168
KNAUF, WERNER 2,572,032
KNIGHT, JAMES 2,480,173
KOBAYASHI, NOBUYOSHI 2,431,014
KOBAYASHI, SHOEI 2,430,904
KOBAYASHI, SHOEI 2,431,014
KOBETSKY, ROBERT G. 2,648,309
KOCH AGRONOMIC SERVICES, LLC 2,480,173
KOENIG, JOSEPH M., JR. 2,477,501
KOHAN, RAUL E. 2,485,491
KOHL, BERNHARD 2,503,290
KOHN, FRANK C. 2,424,096
KOIVURANTA, KARI 2,524,387
KOJIC, LJILJANA D. 2,309,727
KOLKER, DAVID 2,444,159
KOMATSUKI, MASATO 2,713,186
KONABE, KAZUO 2,612,498
KONDO, MASAAKI 2,680,846
KONDO, SATOSHI 2,732,005
KONDOU, HIROYA 2,713,186
KONINKLIJKE PHILIPS ELECTRONICS N.V. 2,430,904
KONINKLIJKE PHILIPS ELECTRONICS N.V. 2,431,014
KONINKLIJKE PHILIPS ELECTRONICS N.V. 2,475,438
KONINKLIJKE PHILIPS ELECTRONICS N.V. 2,560,707
KOOLATRON INC. 2,415,879
KOOS, GEORGE C. 2,614,354
KORTELAINEN, PEKKA 2,574,299
KOSHIMIZU, UICHI 2,540,135
KOSIK, IVAN J. 2,651,527
KOSLOW, ALEXANDER 2,608,239
KOTLARIK, JOHN 2,724,266
KOUTRI, IOANNA 2,696,977
KOUTRIS, EFTHIMIOS 2,696,977
KOWALCZYK, ADAM 2,423,033
KOWALCZYK, JOERG 2,627,159
KOZLOWSKI, ANTONI 2,553,528
KRAFT FOODS HOLDINGS, INC. 2,692,087
KRAMARENKO, VALENTINA IQOREVNA 2,717,675
KRAMER, STEPHEN 2,540,633
KRATJE, RICARDO 2,629,304
KRAUS, MARK C. 2,575,055
KRAUS, MENACHEM 2,541,615
KRIEGER, ERIC W. 2,614,354
KRISCH, VOLKER 2,529,104
KROENING, JOHN W. 2,534,223
KRUEGER, MARCO 2,579,728
KRUSE, CHRISTOF 2,696,269
KRUSE, CHRISTOF 2,703,207
KUBALA, GREGORY 2,745,704
KUCK, KARL-HEINZ 2,543,052
KUDOU, SHINJI 2,573,479
KUHAR, POLONCA 2,547,586
KUHNS, HOWARD C. B. 2,286,021
KUMAR, MAHESH 2,524,939
KUO, TSUNG-HSIEN 2,713,243
KURIYAMA, KAZUHIKO 2,573,479
KURODA, HIDETOSHI 2,514,635
KUTSCH, DUANE 2,560,707
KUTSUWA, KOJI 2,601,721
KUZMICH, MELISSA 2,570,826
KVERNSTUEN, OLE SVEINUNG 2,669,007
KYORIN PHARMACEUTICAL CO., LTD. 2,573,479
KYOSEMI CORPORATION 2,656,080
KYPRIANOU, NIKOS 2,640,299
L'OREAL 2,573,036
LAAKSO, PETRI 2,557,506
LABIA, ROGER 2,427,043
LACHENAL, DOMINIQUE 2,677,972
LACOMBE, FRANCOIS 2,553,742
LADD, PATRICK 2,508,747
LADOUCEUR, NORMAN M. 2,688,598
LAFAILLE, DAVID 2,553,742
LAMBERT, ROBERT J. 2,582,543
LAMP, PETER 2,577,596
LAMSON, STEPHEN B. 2,489,845
LANCHO DONCEL, MIGUEL 2,625,212
LANG, JASON G. 2,487,653
LANGENFELD, JOSEPH W. 2,488,206
LANGER, ROBERT S. 2,428,834
LANGKOPF, ELKE 2,548,323
LANNI, THOMAS W. 2,757,378
LANOUE, THOMAS J. 2,471,507
LASKORSKI, VICTOR P. 2,527,631
LASSILA, LIPPO 2,567,784
LASSOIE, JEAN-PIERRE 2,624,697
LAUZON, MICHEL ARMAND 2,690,398
LAVELLE, PATRICK M. 2,543,034
LAVIALLE, FRANCOISE 2,531,865
LAVOIE, SCOTT 2,475,749
LAWRENCE, GREGORY M. 2,554,776
LE COZANNET, GONERI 2,496,343
LE LOUARN, CLAUDE 2,557,914
LE VERGE, ARNAUD 2,462,677
LEE, ALAN R. 2,639,108
LEE, BUN YEOUL 2,685,974
LEE, EDWARD W. 2,580,995
LEE, KANG-GYU 2,569,020
LEE, KYUNG-SEOK 2,703,783
LEE, PEI-YANG 2,688,269
LEE, SANG 2,647,899
LEE, YEONG GEON 2,703,783
LEEDER, LAURENT 2,550,885
LEEK, WILLIAM F. 2,489,845
LEFRANCOIS, JEAN-MICHEL 2,567,003
LEGAIGNOUX, BRUNO 2,498,729
LEGAIGNOUX, DOMINIQUE 2,498,729
LEGARE, GAETAN 2,759,930
LEHMANN, UWE 2,518,202
LEJARS, CLAUDE 2,511,844
LEK PHARMACEUTICALS D.D. 2,547,586
LEKVEN, ERIC J. 2,481,368
LEREBOURS-PIGEONNIERE, GUY 2,617,363
LES LABORATOIRES SERVIER 2,617,363
LETAVIC, MICHAEL A. 2,622,760
LEUSCHNER, MARK 2,416,209
LEVEILLARD, THIERRY 2,443,345
LEVERD, ELIE 2,551,493
LEVITON MANUFACTURING CO., INC. 2,444,159
LEWANDOWSKI, DANIEL J. 2,434,144
LG ELECTRONICS INC. 2,515,435
LG ELECTRONICS INC. 2,664,469
LG ELECTRONICS INC. 2,664,471
LG ELECTRONICS, INC. 2,775,719
LI, BOYONG 2,675,724
LI, HAOMING 2,684,406
LI, SONG 2,640,396
LI, TOMMY M. W. 2,511,957
LI, XIAN CHANG 2,422,294
LI, XIANMING JIMMY 2,705,640
LI, XIAOQIANG 2,716,874
LICHT, WILLIAM ROBERT 2,705,640
LIDDICOAT, JOHN R. 2,507,803
LIEBERZ, RALF 2,573,088
LIFEVENT MEDICAL LIMITED 2,612,659
LIM, HYUNG GYU 2,664,471
LIM, JAE YOEN 2,664,469
LIM, MIRANDA BING YING 2,717,675
LIN, MEI 2,717,309
LIN, THOMAS S. 2,587,944
LIN, ZUOQIAN 2,595,893
LINCOLN, TIMOTHY L. 2,707,758
LINDAL DISPENSER GMBH 2,658,466
LINDBO, JOHN A. 2,436,214
LINDEMANN CHIMNEY SUPPLY, INC. DBA LINDEMANN CHIMNEY COMPANY 2,498,406
LINGEGARD, HANS 2,656,877
LIPSCOMB, JAMES 2,724,266
LITTLE, HERBERT A. 2,585,987
LIU, HAI 2,458,019
LIU, HUAIBING 2,518,202
LIU, JULIAN 2,722,599
LIU, YONG 2,667,370
LOCHARD, HUBERT 2,523,342
LOCHHAAS, FRIEDERIKE 2,572,032
LOCKE, CHRISTOPHER BRIAN 2,673,842
LOCTITE (R&D) LIMITED 2,582,543
LODGE, JOHN 2,465,332
LOESER, ULRICH 2,692,087
LOFTET HOLDING AB 2,578,387
LOGAN, ROBERT G. 2,766,463
LOHR INDUSTRIE 2,554,015
LONG, JUSTIN ALEXANDER 2,725,943
LONG, TED A. 2,669,007
LONGYEAR TM, INC. 2,690,398
LONGYEAR TM, INC. 2,696,269
LONGYEAR TM, INC. 2,703,207
LONGYEAR TM, INC. 2,720,917
LOOR, WILFRIDO 2,540,168
LOPEZ OUTEIRAL, JOSE CARLOS 2,686,662
LOPEZ, RICARDO AGUSTIN 2,629,304
LORIMER, KEVIN 2,577,477

Index of Canadian Patents Issued
December 4, 2012

LOWE, KEVIN 2,495,317
LU, XINYOU 2,555,942
LUDKOVSKI, OLGA 2,309,727
LUI, CHUN KEE 2,678,243
LUPITSKYY, ROBERT MIKHAILOVYCH 2,635,843
LUSK, KEVIN 2,688,924
LUTZ, THOMAS 2,542,654
LUU, BANG 2,589,252
LYNCH, MARY G. 2,648,346
LYNN, DAVID M. 2,428,834
M-I L.L.C. 2,664,331
MACCHI, FRANCO 2,529,441
MACDON INDUSTRIES LTD. 2,709,336
MACE, JEROME 2,511,844
MACLEAN-FOGG COMPANY 2,497,932
MADDEN, MARK (DECEASED) 2,718,302
MAEAETTAE, PAEIVI 2,557,506
MAEDA,MITSURU 2,723,453
MAGEREN, OLIVIER 2,624,697
MAGNA POWERTRAIN USA, INC. 2,563,935
MAGUIRE, JAMES 2,677,777
MAHER, PATRICK J. 2,661,719
MAHUL, JACQUES 2,522,519
MAIER, MICHAEL 2,572,032
MAILLARD, PIERRE-YVES 2,511,844
MAINI, RAVINDER NATH 2,261,630
MAK, JOHN 2,697,048
MAKO SURGICAL CORP. 2,532,469
MALASKA, MICHAEL JAMES 2,572,032
MALMBORG HAGER, ANN-CHRISTIN 2,430,582
MALONE, QUENTIN 2,704,120
MALOZEMOFF, ALEXIS P. 2,677,777
MAMMONE, THOMAS 2,678,135
MANITOWOC CRANE GROUP FRANCE SAS 2,697,321
MARAND, PHILIPPE 2,493,097
MARAZZI, GIANCARLO 2,561,155
MARCO, LESLIE S. 2,695,803
MARCU, MIKE 2,559,551
MARINHO, FILIPE J. 2,579,118
MARINI, GRAZIANO 2,561,155
MARNAY, THIERRY 2,589,454
MARQUIS, DAVID M. 2,525,139
MARSHALL, JAMES A., JR. 2,664,331
MARTIKAINEN, HANNU 2,574,299
MARTIN, JOSEPH ARMSTRONG 2,665,049
MARTINEZ, ALFREDO 2,501,282
MARTINEZ, JOSEPH 2,774,950
MARTINUSSEN, GRETHE KARIN 2,590,620
MASCHMEYER, DIETRICH 2,576,819
MASCO BATH CORPORATION 2,675,488
MASKIN, NESTOR 2,629,304
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,428,834
MASSON, JEAN-CLAUDE 2,655,413
MASUYA, KEIICHI 2,518,932
MATSUOKA, KENSUKE 2,514,635
MATSUURA, NAOKO 2,518,932
MATTAR, WADE M. 2,524,512
MATTILA, JUHA 2,743,298
MAUCH, GRANT A. 2,575,055
MAUNA KEA TECHNOLOGIES 2,553,742
MAUPU, JEAN-LOUIS 2,554,015
MAYA-SYSTEMS INC. 2,609,873
MCCALLOPS, JOHN A. 2,460,103
MCCAULEY, JAMES 2,708,565
MCCORMACK, MICHAEL J. 2,458,499
MCDONNELL, PATRICK F. 2,582,543
MCDONNELL, SHAMUS 2,548,926
MCINTYRE, DON 2,572,032
MCKEE, ROBERT TRAVIS 2,462,906
MCKENNA, DANIEL BERNARD 2,667,370
MCKINZIE, DAVID LEE 2,713,025
MCLAUGHIN, NEIL BERNARD 2,501,906
MCLEOD, SARAH 2,534,338
MCMANUS, SAMUEL P. 2,553,528
MCMILLAN, DAVID A. 2,286,021
MCNICHOLS, THOMAS J. 2,540,633
MCNIE, MARK EDWARD 2,518,072
MEADOWS, DAVID G. 2,699,893
MEDICAL SOLUTIONS, INC. 2,679,143
MEDIMMUNE, INC. 2,371,714
MEDIVIR AB 2,665,049
MEHLER, GERLINDE 2,501,373
MEIJI CO., LTD. 2,589,252
MEISWINKEL, ANDREAS 2,501,373
MELBY, GORDON M. 2,446,545
MELLIER, GEORGES 2,556,193
MELSHEIMER, JEFFRY S. 2,585,639
MENDELSOHN, ALFRED 2,497,032
MENG, QINGMIN 2,707,359
MENGUAL MENGUAL, JOAQUIN 2,539,581
MEREDITH, ANDREW 2,532,181
MERIAL LIMITED 2,572,032
MERNYK, ROSS 2,444,159
METENIER, GILLES 2,561,056
METRA ELECTRONICS CORPORATION 2,708,665
METSO FABRICS OY 2,574,299
MEYER, ELISABETH 2,534,338
MEYER, GLENN A. 2,551,751
MEYER, TIMOTHY P. 2,704,589
MICHAELIS, ARTHUR F. 2,538,078
MICROMASS UK LIMITED 2,466,552
MICROSOFT CORPORATION 2,458,019
MICROSOFT CORPORATION 2,458,499
MIELNIK, THADDEUS J. 2,614,354
MILAM, STANLEY NEMEC 2,559,798
MILES, JAMES EDWARD 2,612,659
MILESTONE AV TECHNOLOGIES LLC 2,611,499
MILLER, CHRIS 2,524,387
MILLER, KEITH 2,541,071
MIN, JAE KI 2,685,974
MINKO, SERGIY 2,635,843
MITCH, CHARLES HOWARD 2,713,025
MITCHELL, MICHAEL J. 2,471,507
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,700,485
MITSUBISHI TANABE PHARMA CORPORATION 2,695,973
MIURA, MORIKAZU 2,657,514
MIYAGAWA, TAKEHIKO 2,694,401
MIYAHARA, MITSUO 2,695,688
MIYAJI, KATSUAKI 2,590,204
MIYAKE, TAKAHIRO 2,518,932
MIYAZAKI, MITSURU 2,474,976
MIYOSHI, HIDENOBU 2,779,469
MOCHIMARU, MASAMI 2,474,976
MOEN, TERJE 2,669,007
MOHAND-SAID, SADDEK 2,443,345
MONS, CLAUDE 2,500,970
MONSANTO TECHNOLOGY LLC 2,424,096
MONSANTO TECHNOLOGY LLC 2,439,689
MONTAVON, FRANCOIS 2,600,203
MONTGOMERY, ALAN BRUCE 2,708,703
MONTI, ANDREA 2,602,935
MOOG, REGINA 2,600,203
MOORE, CHARLES S. 2,601,657
MOORE, ERIC STEVEN 2,750,288
MOORE, JOHN D. 2,656,652
MORALES, AZORIDES 2,635,001
MORAN, JOHN L., III 2,601,657
MORENKO, OLEG 2,601,934
MORENO, MIQUEL A. 2,484,906
MORI, KEN-ICHI 2,557,274
MORIN, JEAN-XAVIER 2,564,639
MORITA, MARK M. 2,628,398
MORITZ, HANS-ULRICH 2,579,728
MOROTTI, MATTEO 2,596,513
MORRE, PETER 2,532,643
MORTHA, GERARD 2,677,972
MORTSON, MURRAY 2,500,734
MORY, STEVEN W. 2,332,448
MOTORNOV, MIKHAIL 2,635,843
MOTOROLA MOBILITY, INC. 2,539,465
MOULIN, ANTOINE 2,514,736
MOUW, STEVEN 2,702,203
MOZELESKI, EDMUND JOHN 2,618,362
MUDANJIANG JINYUAN COUPLER 2,707,359
MUELLER, BERND 2,503,290
MUELLER, BERNHARD 2,529,104
MUELLER, HERMANN 2,503,221
MUELLER, THOMAS G. 2,540,973
MUELLER, TIMOTHY 2,612,878
MUKHOPADHYAY, SUDIP 2,564,903
MULLIGAN, SHARON A. 2,457,484
MUNDY, GREGORY R. 2,210,484
MURAI,DAISUKE 2,723,453
MURAOKA, TAKATERU 2,514,635
MURATA,SEIICHIRO 2,723,453
MURAWA, FRANZ 2,612,113
MURRAY, GEORGE M. 2,560,384
MYERS, JASON KENNETH 2,663,511
NAGAHARA, NAOKI 2,599,340
NAIR, HARIDASAN K. 2,564,903
NAKAGAWA, AKIRA 2,779,469
NAKAMURA, MASATSUGU 2,567,418
NAKANO, SATOSHI 2,590,204
NAKASONE, FRANKLIN T. 2,557,331

Index des brevets canadiens délivrés
4 decembre 2012

NAKATA, JOSUKE 2,656,080
NAKAZAWA, TAKASHI 2,713,186
NANGIA, AVINASH 2,675,724
NANO, SALEM 2,527,223
NASH, DOUGLAS 2,455,408
NATARAJAN, RAMAKRISHNAN 2,458,499
NATIONAL RESEARCH COUNCIL OF CANADA 2,525,056
NATSCHKE, SCOTT 2,570,788
NAZZER, CRAIG ANTHONY 2,562,553
NEGRE, BERNARD 2,640,936
NEITEMEIER, DIETER 2,522,367
NEKTAR THERAPEUTICS 2,553,528
NELSON, ALAN C. 2,485,576
NELSON, THOMAS D. 2,487,653
NESLAND, KNUT H. 2,669,007
NEUDORF, BLAKE 2,688,590
NEVILLE, STEVE 2,608,866
NEWELL WINDOW FURNISHINGS, INC. 2,708,565
NEWFREY LLC 2,557,331
NEWPORT, COLIN WILLIAM 2,534,653
NEXUS NABOT RESEARCH L.L.C. 2,446,744
NG, FLORA TAK TAK 2,548,429
NICHIA CORPORATION 2,466,141
NICLOT, THIERRY 2,511,844
NICOLA, THOMAS 2,544,886
NICOLAS, FREDERIC 2,746,496
NIERLICH, FRANZ 2,576,819
NINOMIYA, KAZUHISA 2,511,166
NINOMIYA, KAZUHISA 2,514,635
NIPPON PAPER INDUSTRIES, CO., LTD. 2,601,721
NIPPON PAPER INDUSTRIES, CO., LTD. 2,697,109
NIRASAWA, HIROMI 2,657,514
NISHIKAWA, KIYOTAKA 2,575,768
NISHIMURA, MASATO 2,514,635
NISSAN CHEMICAL INDUSTRIES, LTD. 2,590,204
NITTO DENKO CORPORATION 2,511,166
NITTO DENKO CORPORATION 2,514,635
NITTO DENKO CORPORATION 2,544,709
NJARDARSON, JON T. 2,520,732
NKOSI, BONGANI 2,548,429
NOH, EUN KYUNG 2,685,974
NOHARA, YUTAKA 2,246,033
NOKIA CORPORATION 2,609,945
NOLL, MICHAELA 2,410,956
NONAKA, MITSUHIRO 2,466,141
NONOMURA, MUNEO 2,599,340
NORBROOK LABORATORIES LIMITED 2,645,205
NORDBERG, ROGER 2,690,663
NOVARTIS AG 2,443,345
NOVARTIS AG 2,518,932
NOVARTIS AG 2,572,743
NOVELIS INC. 2,726,211
NOVICI BIOTECH LLC 2,436,214
NOVOZYMES A/S 2,212,456
NYCOMED GMBH 2,503,290
O.M.T. OFFICINA MECCANICA TARTARINI S.R.L. 2,602,935
O'BRYAN, KURT 2,774,950
O'CONNOR, WILLIAM THOMAS 2,683,837
O'HARA, MARTIN 2,615,409
OBRIST CLOSURES SWITZERLAND GMBH 2,586,984
OBSERVATOIRE DE PARIS 2,553,742
OCEAN POWER TECHNOLOGIES, INC. 2,536,598
ODET, PHILIPPE GERARD 2,586,984
OGAWA, HIROSHI 2,430,904
OGAWA, HIROSHI 2,475,438
OHIO UNIVERSITY 2,542,313
OHMORI, OSAMU 2,518,932
OILES CORPORATION 2,474,976
OKANO, HIDEYUKI 2,540,135
OLOUMI-SADEGHI, HASSAN 2,570,358
OLSON, DAVID A. 2,559,551
OLSON, STACEY 2,524,387
OLVERA-HERNANDEZ, ULISES 2,640,885
OMURA, TOMOHIKO 2,695,688
ONDEK, BRIAN 2,525,139
ONO, KAZUHIKO 2,674,190
OOKA, YASUNOBU 2,697,109
OOZEKI, TAKESHIGE 2,603,073
ORTHOFIX S.R.L. 2,561,155
OSBORNE, JOHN, EDWARD, II 2,709,757
OSMOTICA KERESKEDELMI ES SZOLGALTATO KFT 2,551,751
OSTROWSKI, MICHAEL H. 2,479,673
OTA, HIROFUMI 2,590,204
OTTINGER, ISABEL 2,572,743
OUTOKUMPU OYJ 2,503,221
OUTTRUP, HELLE 2,212,456
OWADA, SHINGO 2,590,204
OWALGEN, JOHANNES ADRIAN 2,521,291
OYAMA, SHIGERU 2,576,261
OYLER, KENNETH 2,669,442
PABON, JAHIR 2,579,982
PACE, JOHN W. 2,560,707
PADGETT, HAL S. 2,436,214
PAGELS, MARKUS 2,532,181
PAHL, ROLAND 2,627,159
PALMER, DAVID 2,501,906
PALOSCH, WALTER 2,503,290
PANASONIC CORPORATION 2,430,904
PANASONIC CORPORATION 2,431,014
PANASONIC CORPORATION 2,475,438
PANASONIC CORPORATION 2,732,005
PAQUIN, SYLVAIN 2,550,442
PARIS, ALEXANDRE EDOUARD RAOUL 2,550,049
PARK, SUNG-WOOK 2,569,020
PARK, TAE JIN 2,775,719
PARK, YONG CHEOL 2,515,435
PASCOE, DAVID MARK 2,394,486
PASQUA, JOHN 2,554,776
PASTAN, IRA 2,400,868
PASTINI, ANA C. 2,551,751
PATEL, BHAWAN B. 2,601,934
PATEL, RAJESH A. 2,520,613
PATTERSON, CHARLES A. 2,675,488
PATTI, JOSEPH M. 2,340,304
PAULEY, WILLIAM E. 2,471,507
PAWLAK, JOHN 2,707,758
PAYNE, FRED V. 2,660,922
PAYNE, JOANNA 2,644,901
PAYNTON, DWAYNE RALPH 2,750,288
PEARL, MARTIN DOUGLAS 2,660,779
PEDREGAL-TERCERO, CONCEPCION 2,713,025
PELEMAN, GUIDO 2,622,811
PENICA, JOHN RAYMOND 2,541,071
PENTTILAE, MERJA 2,524,387
PERDON, ALICIA A. 2,434,144
PEREIRA BACCI, DARDO ALEXIS 2,629,304
PEREIRO, MIRIAM PATRICIA 2,629,304
PEREZ, JOSE L. 2,489,845
PERKINS, DION, BRENT 2,709,757
PETROPOULOS, LABROS 2,661,674
PFIZER LIMITED 2,660,779
PHARMATHEN S.A. 2,696,977
PIERRE FABRE MEDICAMENT 2,523,342
PIERRE FABRE MEDICAMENT 2,551,493
PIERRE FABRE MEDICAMENT 2,579,581
PIERSON, DANIEL R. 2,708,565
PIONEER HI-BRED INTERNATIONAL, INC. 2,382,363
PIONEER HI-BRED INTERNATIONAL, INC. 2,704,589
PISTILLO, BERNARDO CESAR 2,629,304
PITTL, OSKAR 2,658,466
PLACER DOME TECHNICAL SERVICES LIMITED 2,664,756
PLANGGER, DAVID L. 2,666,638
PLANK, DAVID W. 2,434,144
PLANTE, REJEAN 2,690,398
PLANTIKOW, ROBERT J. 2,575,766
PLUS STATIONERY CORPORATION 2,627,415
POE, G. BRUCE 2,666,638
POLYMER TECHNOLOGY SYSTEMS, INC. 2,554,776
POLYONE CORPORATION 2,647,899
POLYTECHNIC INSTITUTE OF NEW YORK UNIVERSITY 2,734,311
PONS, JAUME 2,626,120
POPELKA, DAVID 2,662,833
POTIER, PIERRE JEAN-PAUL 2,427,043
POULALION, ANDRE 2,665,307
POULIN, PHILIPPE 2,585,330
POULSEN, KRISTIAN TODD 2,626,120
POURIAS, CHRISTIAN 2,542,272
PRATT & WHITNEY CANADA CORP. 2,599,839
PRATT & WHITNEY CANADA CORP. 2,601,934
PRAXAIR S.T. TECHNOLOGY, INC. 2,473,889

Index of Canadian Patents Issued
December 4, 2012

PRESS-SEAL GASKET CORPORATION 2,638,578
PRESTA, LEONARD G. 2,463,879
PRESTI, RICHARD 2,678,135
PRESTONE PRODUCTS CORPORATION 2,579,118
PREVOR INTERNATIONAL 2,585,845
PRIME SERVICES TRUSTEE LIMITED 2,562,553
PRIMEAU, MARIO 2,415,879
PROMETHEUS DEVELOPMENTS LIMITED 2,525,203
PROTECH PHARMA, S.A. 2,629,304
PRUDDEN, JOHN, JR. 2,683,837
PUTNAM, DAVID 2,428,834
PYTEL, JACQUELINE M. 2,656,697
Q-PIDT BV 2,594,583
QIAGEN GMBH 2,694,787
QINETIQ LIMITED 2,518,072
QIQIHAR RAILWAY ROLLING STOCK CO., LTD. 2,707,359
QNX SOFTWARE SYSTEMS LIMITED 2,548,509
QUAID, ARTHUR E. 2,532,469
QUALCOMM INCORPORATED 2,481,368
QUALCOMM INCORPORATED 2,547,112
QUALCOMM INCORPORATED 2,560,744
QUALCOMM INCORPORATED 2,612,316
QUALCOMM INCORPORATED 2,638,956
RAETZ, WERNER 2,738,381
RAINDANCE SYSTEMS PTY LTD 2,434,023
RAJABALI, FAZIEL ABDOEL 2,541,820
RAJGARHIA, VINEET 2,524,387
RAMAKRISHNAN, TERIZHANDUR S. 2,729,807
RASKUTTI, BHAVANI 2,423,033
RATANASIRIGULCHAI, WANCHAI 2,684,406
RAUBER, RICHARD 2,662,833
RAUTIO, TANIA 2,574,299
RAYSON, STEVEN JAMES 2,458,019
REETZ, MANFRED T. 2,501,373
REEVES, ERIC W. 2,726,211
REEVES, SHAINE GORDON 2,560,666
REITER, MATTHEW J. 2,648,309
REMPEL, GARRY LLEWELLYN 2,548,429
REPUBLIC TOBACCO L.P. 2,717,309
REQUENA, EMILI 2,700,871
RESCORLA, ERIC KENNETH 2,446,744
RESEARCH IN MOTION LIMITED 2,585,987
RESEARCH IN MOTION LIMITED 2,614,561
RESEARCH IN MOTION LIMITED 2,623,941
RESEARCH IN MOTION LIMITED 2,640,299
RESEARCH IN MOTION LIMITED 2,662,013
RESEARCH IN MOTION LIMITED 2,688,598
RESEARCH IN MOTION LIMITED 2,689,876
RESEARCH IN MOTION LIMITED 2,717,675
REVA MEDICAL, INC. 2,664,682
REVANCE THERAPEUTICS, INC. 2,416,289
REXNORD CORPORATION 2,500,013
REYNOLDS, LOUISE 2,645,205
REYNOLDS, TRACEY L. 2,439,689
RHEAUME, ERIC 2,617,363
RHODIA OPERATIONS 2,655,413
RHODIA UK LIMITED 2,557,585
RIBEIRO, MANUEL FERNANDO VIDAL 2,521,291
RICCI, MARCELO A. 2,551,751
RICHARDSON, GRANT STUART 2,559,450
RICHTER GEDEON NYRT. 2,684,149
RICHTER, FRANK 2,697,321
RILEY, KENNETH L. 2,544,210
RINAT NEUROSCIENCE CORPORATION 2,626,120
RITTER, DAVID ROBERT 2,690,398
ROALDSNES, KJARTAN 2,669,007
ROBERTSON, DAN 2,718,302
ROBERTSON, WALTER D., III 2,540,633
ROBSON, PHILIP 2,568,997
RODIER, ELISABETH 2,579,581
ROETTGER, DIRK 2,576,819
ROGERS, STEVEN L. 2,481,368
ROHRER, FRANZISKA 2,600,203
ROLAND, BERTRAND 2,529,104
ROLLER, PHILIP C. 2,559,185
ROMANSKI, ERIC 2,526,969
ROSENTHAL, ARNON 2,626,120
ROSSATO, ALEJANDRO MARTIN 2,708,565
ROSSI, GRAZIANO 2,561,155
ROSSI, LUIGI 2,561,155
ROSSI, RONALD 2,549,399
ROTH, JANET R. 2,624,758
ROTHSCHILLER, CHAD 2,458,499
ROUSSEL, CHRISTIAN 2,481,708
ROVI SOLUTIONS CORPORATION 2,462,673
RUDOLF, MARIAN 2,687,064
RUF, ARMIN 2,600,203
RUOHONEN, LAURA 2,524,387
RUSSELL, SCOTT T. 2,575,766
RYAN, MICHAEL WILLIAM 2,612,659
S, SUJITH 2,685,974
SAAVEDRA, JUAN M. 2,501,282
SABOL, THOMAS 2,536,598
SAEKI, YUJI 2,514,635
SAHASRABUDHE, SUHAS DATTATRAYA 2,549,146
SAHEL, JOSE ALAIN 2,443,345
SAINT-GERARD, YANNICK 2,562,667
SAINT-GOBAIN GLASS FRANCE 2,462,677
SAINT-GOBAIN ISOVER 2,415,576
SAINTS, KEITH W. 2,638,956
SAITO, JUNICHI 2,544,709
SAITO, MOTOAKI 2,589,252
SAJIC, BRANKO 2,656,697
SAKAI, KAZUNARI 2,697,109
SAKAMOTO, KAYOKO 2,567,418
SALIBA, HANI 2,458,019
SALLOUM, DAVID S. 2,635,843
SAMARA, VICKY 2,696,977
SAMBOLA, JORDI 2,700,871
SAMSUNG ELECTRONICS CO., LTD. 2,569,020
SANCHEZ, ALBERT 2,549,399
SANO, MASAHIKO 2,466,141
SANTEN PHARMACEUTICAL CO., LTD. 2,567,418
SANYO MACHINE WORKS, LTD. 2,623,811
SARAVOLAC, EDWARD G. 2,309,727
SAROKA, HAROLD GRANT 2,667,370
SAROSI, GEORGE W. 2,508,747
SARSTEDT AG & CO 2,471,408
SARSTEDT, WALTER 2,471,408
SARTAL RODRIGUEZ, ANTONIO 2,686,662
SARVER, CHARLIE H. 2,471,507
SASAKI, TAKEO 2,694,401
SATO, KATSUHISA 2,603,073
SATO, KEISUKE 2,589,252
SATO, NOBUAKI 2,694,401
SATO,KATSUYUKI 2,723,453
SATOH, HIROYUKI 2,695,973
SAUCEAU, MARTIAL 2,523,342
SAUVINET, FREDERIC 2,586,892
SAVAGE, BARBARA J. 2,699,893
SAWATZKY, RANDAL G. 2,491,855
SCALONE, MICHELANGELO 2,600,203
SCHAAF, STEPHEN 2,500,734
SCHACHER, GOTTLIEB 2,580,442
SCHAEFER, HARALD 2,563,710
SCHAEFFLER TECHNOLOGIES AG & CO. KG 2,537,524
SCHEDIVY, GEORGE C. 2,543,034
SCHEP, CORNELIS MARINUS 2,430,904
SCHEP, CORNELIS MARINUS 2,431,014
SCHEP, CORNELIS MARINUS 2,475,438
SCHERING-PLOUGH LTD. 2,485,491
SCHERRER, PETER 2,309,727
SCHLEICHER, GARY P. 2,544,210
SCHLUMBERGER CANADA LIMITED 2,532,181
SCHLUMBERGER CANADA LIMITED 2,579,982
SCHLUMBERGER CANADA LIMITED 2,635,922
SCHLUMBERGER CANADA LIMITED 2,684,406
SCHLUMBERGER CANADA LIMITED 2,729,807
SCHLUMBERGER CANADA LIMITED 2,745,704
SCHMALIX, WOLFGANG 2,526,989
SCHMICH, BIANKA 2,612,878
SCHMIDT, EVA 2,684,149
SCHNEIDER, ARMIN 2,549,146

Index des brevets canadiens délivrés
4 decembre 2012

SCHNEIDER, JAN 2,627,159
SCHRAMA, ERIK ARIE 2,544,835
SCHUMACHER, BJOERN 2,612,113
SCHWAB, SCOTT D. 2,661,300
SCHWERZMANN, LEO 2,580,442
SCHWITTER, URS 2,600,203
SCIENTIFIC-ATLANTA, INC. 2,577,327
SCIENTIFIC-ATLANTA, INC. 2,657,210
SCOTT HEALTH & SAFETY LTD 2,559,450
SEEGER, KARL 2,572,032
SEELY, ANDREW J. E. 2,418,003
SEIDL, VOLKER 2,579,728
SEIKAGAKU CORPORATION 2,246,033
SEITH, WARREN A. 2,460,103
SEITZ, EKKEHART 2,503,221
SEKIMORI, YASUO 2,532,966
SEKIYA, JUNICHI 2,544,709
SELL, THORSTEN 2,501,373
SEMBA, HIROYUKI 2,695,688
SENSORMATIC ELECTRONICS, LLC 2,541,436
SEO, MI-JEONG 2,703,783
SEPPANEN, MARI 2,574,299
SERKH, ALEXANDER 2,644,843
SERRADEIL ALBALAT, MURIEL 2,481,708
SEZAKI, TAKAO 2,601,721
SHAKIR, SALEEM 2,647,899
SHANKS, STEVEN C. 2,457,697
SHAPIRO, IRENE 2,656,697
SHAW, GEOFFREY MARK 2,612,659
SHAW, WALTER A. 2,462,906
SHEKHAR, SHASHANK 2,560,744
SHELL CANADA LIMITED 2,544,835
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,559,798
SHELLEY, TERRY HARRISON 2,451,663
SHEMESH, ELI 2,541,615
SHENFIELD, MICHAEL 2,539,465
SHEPAROVYCH, ROMAN BOGDANOVYCH 2,635,843
SHEPHERD, TIMOTHY ALAN 2,687,265
SHERMAN, FAIZ FEISAL 2,635,843
SHIBATA, KAZUNORI 2,680,846
SHIGETA, YUKIHIRO 2,590,204
SHIM, HYUN-JOO 2,703,783
SHIMAGAKI, MASAAKI 2,603,073
SHIMAZAKI, TAKUYA 2,540,135
SHIN, CHANG-YONG 2,703,783
SHINMYO, DAISUKE 2,694,401
SHIOBARA, TOSHIMITSU 2,506,784
SHIRATORI PHARMACEUTICAL CO., LTD. 2,604,818
SHVARTSBERG, ALEXANDER 2,661,674
SIEDLER, UWE 2,704,120
SIEMENS AKTIENGESELLSCHAFT 2,496,343
SIEMENS INDUSTRY, INC. 2,501,628
SIGMAPHARM, INC. 2,515,745
SILLEN, VALERIE 2,624,697
SIMMONDS, KEVIN JOHN 2,746,496
SIMMONS, ROBERT D. 2,485,491
SIMPSON STRONG-TIE CO., INC. 2,489,845
SINGH, AJIT 2,689,876
SINHA, BIKASH K. 2,579,982
SIRCA, JUDITA 2,547,586
SISKIN, MICHAEL 2,566,117
SISKIN, MICHAEL 2,618,362
SK INNOVATION CO., LTD. 2,685,974
SKF USA, INC. 2,540,973
SKILLER, JOHN 2,561,056
SKINNER, JAMES W. 2,638,578
SLEEVER INTERNATIONAL COMPANY 2,674,898
SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH 2,520,732
SLOTH, ERIK BILLESKOV 2,652,077
SMITH, CHRISTOPHER D. 2,656,697
SMITH, DAVID BERNARD 2,665,049
SMITH, ROBERT C. 2,542,362
SMITH, TERENCE JAMES 2,612,659
SMITH, WARREN JOHN 2,556,954
SMITH, WILLIAM E. 2,563,935
SMITH, WILLIAM G. 2,661,942
SNECMA 2,500,970
SNECMA 2,511,844
SNECMA 2,550,442
SNECMA 2,550,885
SNYDER, STEVEN R. 2,656,644
SOCIETE BIC 2,566,334
SOCIETE DES PRODUITS NESTLE S.A. 2,474,903
SOLAE, LLC 2,468,151
SOMMERFELD, HOWARD 2,570,788
SON, YOUNG BOK 2,664,469
SONG, CHAN 2,672,019
SONOCO DEVELOPMENT, INC. 2,669,402
SONY CORPORATION 2,430,904
SONY CORPORATION 2,431,014
SONY CORPORATION 2,475,438
SONY CORPORATION 2,499,416
SONY CORPORATION 2,506,784
SONY ELECTRONICS INC. 2,498,326
SORG, MARY 2,632,340
SOUPIZON, JEAN-LUC 2,500,970
SOUTHAMPTON PHOTONICS LIMITED 2,479,115
SOUTHARD, GLEN E. 2,560,384
SPARACIO, ROSE MARIE 2,678,135
SPECTRUM EXTERNAL LINE INSPECTION TECHNOLOGY INC. 2,548,926
SPERL, STEFAN 2,526,989
SPINE SOLUTIONS, INC. 2,589,454
SPIREAS, SPIRIDON 2,515,745
SPIVEY, RAYMOND RUDOLPH, SR. 2,693,043
SPOERING, HEIDO 2,597,737
SPRINGOB, CHRISTIAN 2,612,878
SREMCICH, PAUL STEVEN 2,541,071
STA-RITE INDUSTRIES, LLC 2,479,673
STAMPS, FRANK B. 2,662,833
STANDFAST ENTERPRISES PTY LTD 2,501,906
STANLEY FASTENING SYSTEMS, L.P. 2,483,397
STANTON, WILLIAM H. 2,688,924
STAROZHITSKY, MICHAEL 2,648,309
STASIK, NICHOLAS J. 2,548,189
STATHAKI, ELENI 2,696,977
STEBNICKI, JAMES C. 2,500,013
STECHER, BRIAN 2,548,509
STECKL, ANDREW J. 2,572,952
STEEGHS, LIANA JULIANA JOSEPHINE 2,566,409
STEELE, BRIAN 2,560,744
STEK, AALBERT 2,430,904
STEK, AALBERT 2,431,014
STENSRUD, GRY 2,590,620
STEPAN COMPANY 2,656,697
STERIS EUROPE INC. SUOMEN SIVULIIKE 2,743,298
STERIS INC. 2,614,354
STETLER-STEVENSON, WILLIAM G. 2,501,282
STEVENS, RICHARD BARRY 2,457,484
STEVENSON, ROBERT 2,434,023
STEWART, DAVID B. 2,536,598
STICK TECH OY 2,567,784
STOLTZ & MURPHY, INC. 2,593,875
STOLTZ, DAVID L. 2,593,875
STORA ENSO OYJ 2,557,506
STRASBOURG UNIVERSITY 2,589,252
STROM, TERRY B. 2,422,294
STRYKEN, EGIL 2,528,582
STUART, JOHN WAYNE 2,521,290
STUDER, ARMIN 2,576,342
STUDIENGESELLSCHAFT KOHLE MBH 2,501,373
STUDY, ROBERT S., III 2,508,905
STUMBE, JEAN-FRANCOIS 2,563,710
SUDO, FUMIHIKO 2,499,416
SUEDZUCKER AKTIENGESELLSCHAFT MANNHEIM/ OCHSENFURT 2,627,159
SUGIMURA, KEIJIRO 2,540,135
SUMITOMO METAL INDUSTRIES, LTD. 2,695,688
SUMRALL, TIMOTHY CARL 2,560,666
SUN, HONGJI 2,707,359
SUN, MINGHUA 2,562,189
SUNRISE R & D HOLDINGS, LLC 2,709,757
SUOMINEN, PIRKKO 2,524,387
SURTI, VIHAR C. 2,710,755
SUTHERLAND, SCOTT 2,440,739
SUTT, EDWARD G.,JR. 2,483,397
SUTTON, ROBERT CHARLES 2,559,450
SUZUKI, AKIO 2,474,976
SUZUKI, HIROTO 2,589,252
SUZUKI, KOJI 2,674,190
SWAGELOK COMPANY 2,286,021
SWAIN, LARRY D. 2,644,901
SWINNEN, MARIO 2,579,771
SWIZZZPROZZZ AG 2,650,250
SYNAPSE B.V. 2,484,554
SYNTHES USA, LLC 2,571,562
SYNTHES USA, LLC 2,576,342
SZE, DAVID P. 2,689,876

Index of Canadian Patents Issued
December 4, 2012

TABER, BRUCE E. 2,560,707
TADAYYON, MOHAMMAD 2,548,323
TAIANA, DENNYS 2,507,206
TAILLIE, STEVEN A. 2,468,151
TAKAISHI, MAMORU 2,694,401
TAKAKUWA, TAKAKO 2,663,511
TAKAOKA, MOTOKI 2,494,123
TAKAYANAGI, HISAO 2,695,973
TAKEDA PHARMACEUTICAL COMPANY LIMITED 2,599,340
TAKEMOTO, TADASHI 2,557,274
TANAKA, NOBUHIKO 2,494,123
TANAKA, SHIN-ICHI 2,475,438
TANAKA, SHINICHI 2,430,904
TANAKA, SHINICHI 2,431,014
TANAKA, SHINICHI 2,506,784
TANAKA, TOMOFUMI 2,540,135
TANAKA, TOSHIHIKO 2,695,973
TANGUY, PHILIPPE A. 2,633,388
TANOURA, MASAZUMI 2,700,485
TARCZYNASKI, MITCHELL 2,382,363
TARDIF, JEAN-CLAUDE 2,617,363
TARGET BRANDS, INC. 2,755,890
TARGET BRANDS, INC. 2,761,554
TARGET BRANDS, INC. 2,766,463
TATISCHEFF, IRENE 2,531,865
TAURUS GMBH & CO. KG 2,704,120
TAYLOR, MICHAEL T. 2,462,683
TAYLOR, THOMAS ALAN 2,473,889
TAZAWA, SHINNOSUKE 2,604,818
TCHAVDAROV, BOYKO 2,559,551
TEAGUE, EDWARD HARRISON 2,612,316
TEKMIRA PHARMACEUTICALS CORPORATION 2,309,727
TELSTRA CORPORATION LIMITED 2,423,033
TENARIS CONNECTIONS AG 2,596,513
TENCE, JEAN-FRANCOIS 2,474,903
TER STEEG, WILLEM JAN NICOLAAS 2,541,820
TERAMOTO, KAZUO 2,603,073
TERRY, STEPHEN E. 2,640,885
TESMA INTERNATIONAL INC. 2,394,486
TEVA MEDICAL LTD. 2,541,615
TEXTRON INNOVATIONS INC. 2,534,223
TEZVERGIL, ARZU 2,567,784
THANKI, PARAGKUMAR NATHALAL 2,549,146
THE CHAMBERLAIN GROUP, INC. 2,508,905
THE DIRECTV GROUP, INC. 2,625,780
THE DIRECTV GROUP, INC. 2,665,713
THE GATES CORPORATION 2,644,843
THE GILLETTE COMPANY 2,683,837
THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC 2,501,282
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE 2,400,868
THE JOHNS HOPKINS UNIVERSITY 2,560,384
THE KENNEDY INSTITUTE OF RHEUMATOLOGY 2,261,630
THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION 2,580,995
THE PROCTER & GAMBLE COMPANY 2,612,878
THE PROCTER & GAMBLE COMPANY 2,635,843
THE PROCTER & GAMBLE COMPANY 2,648,061
THE PROVOST FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDE 2,340,304
THE TEXAS A&M UNIVERSITY SYSTEM 2,340,304
THE UNIVERSITY OF CINCINNATI 2,572,952
THE UNIVERSITY OF MIAMI 2,635,001
THE WESTBERG GROUP, LLC 2,652,941
THOMAS, JASON STEBY 2,521,290
THOMAS, JOHN E. 2,575,766
THOMAS, LEO 2,548,323
THOMAS, REMI 2,474,903
THOMPSON, JOHN PHILIP 2,541,071
THOMPSON, ROBERT J. 2,601,657
THORIN, ERIC 2,617,363
THULE CHILD TRANSPORT SYSTEMS LTD. 2,440,739
TIEDEMANN, EDWARD G. 2,638,956
TIERNEY, FERGAL W. 2,582,543
TILLINGHAST, SEAN P. 2,438,889
TIME WARNER CABLE, INC. 2,508,747
TIMMERMAN, MICHAEL A. 2,664,331
TINKL, MICHAEL 2,549,146
TISDALE, PAT 2,662,833
TITAN PHARMACEUTICALS, INC. 2,520,613
TONES, CHRISTOPHER 2,500,442
TONG, YUHUA 2,707,758
TORAY INDUSTRIES INC. 2,603,073
TORAY INDUSTRIES, INC. 2,494,123
TOTAL SA 2,633,388
TOTH, JAMES LEE 2,663,511
TOTZKE, SCOTT W. 2,614,561
TOYAMA, KOJI 2,590,204
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,678,701
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,680,846
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,703,201
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,713,186
TRANSTEX COMPOSITES INC. 2,689,745
TRANSTEX COMPOSITES INC. 2,689,746
TRANSTEX COMPOSITES INC. 2,689,751
TRAVERSE RESCUE LLC 2,491,855
TRIM TEX, INC. 2,477,501
TROJAN TECHNOLOGIES, INC. 2,559,551
TRUCK-LITE CO., LLC 2,559,185
TSUCHIYA, MASAYUKI 2,532,966
TSUNODA, HIROYUKI 2,532,966
TUCEK, KEVIN B. 2,457,697
TUCKER, WILLIAM EARLE 2,683,837
TUNG, HSUEH S. 2,564,903
TURNBULL, ROBERT R. 2,666,638
TYCO ELECTRONICS CORPORATION 2,541,071
TYCO HEALTHCARE GROUP LLP 2,542,362
TYCO HEALTHCARE GROUP LP 2,484,906
UEMURA, TOSHIYUKI 2,694,401
UENO, DAISHI 2,700,485
UJIHARA, YUUKO 2,700,485
ULLMANN, BERND 2,573,088
UMEMURA, ICHIRO 2,518,932
UNIBIND LIMITED 2,622,811
UNIMATEC CO., LTD. 2,723,453
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC 2,497,032
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC 2,587,944
UNIVERSITE DE STRASBOURG 2,443,345
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,531,865
UNIVERSITY OF CENTRAL FLORIDA 2,455,408
UNIVERSITY OF NEW HAMPSHIRE 2,416,209
UNIVERSITY OF REGINA 2,549,536
UNIVERSITY OF SOUTH FLORIDA 2,222,509
UNIVERSITY OF THE WEST OF ENGLAND, BRISTOL 2,455,408
UNIVERSITY OF WASHINGTON 2,349,442
UNIVERSITY OF WATERLOO 2,548,429
UNSWORTH, EDWARD J. 2,501,282
UPC BROADBAND OPERATIONS B.V. 2,421,344
USAMI, SYO 2,680,846
USINOR 2,514,736
VAE GMBH 2,682,168
VALLA, ALAIN 2,427,043
VALLEJOS, JEAN-CLAUDE 2,481,708
VALLITTU, PEKKA 2,567,784
VAN DE WINKEL, JOHANNES GERARDUS JOSEPH 2,566,409
VAN DER LEY, PETER ANDRE 2,566,409
VAN DER PUY, MICHAEL 2,564,903
VAN DER VEEN, PETER H. 2,548,509
VAN NOETSELE, ROBERT 2,421,344
VAN OOIJEN, ALBERT JOHANNES JOSEPH 2,241,267

Index des brevets canadiens délivrés
4 decembre 2012

VAN POECKE, PATRICK 2,690,098
VANDERBERG, CHRISTOPHER ALLEN 2,560,666
VANDERSCHUEREN, DIRK 2,690,098
VANSTAAN, VALERY H. 2,624,669
VARADARAJ, RAMESH 2,566,117
VARMA, KANWAL J. 2,485,491
VARNER, SIGNE ERICKSON 2,451,663
VATER, HARALD 2,458,537
VAUGIEN, THIBAUD 2,585,330
VBW TRUSTEES NO. 2 LIMITED 2,562,553
VENTURINI, DANIELE 2,561,155
VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT 2,576,773
VERDOES, JAN CORNELIS 2,241,267
VERENIUM CORPORATION 2,718,302
VERHOEVEN, ERIC L. 2,580,859
VERSTEEG, WILLIAM C. 2,657,210
VESANTO, RISTO 2,557,506
VESTAS WIND SYSTEMS A/S 2,652,077
VINCENT, STEPHEN 2,759,930
VISA INTERNATIONAL SERVICE ASSOCIATION 2,624,758
VISIONGATE, INC. 2,485,576
VITALSOURCE TECHNOLOGIES, INC. 2,568,739
VITSE, FREDERIC 2,542,313
VOESTALPINE BWG GMBH & CO. KG 2,682,168
VOIT, THOMAS 2,694,787
VOLZ, ELIZABETH 2,570,826
WABTEC HOLDING CORPORATION 2,529,776
WABTEC HOLDING CORPORATION 2,570,788
WACHENDORFF-NEUMANN, ULRIKE 2,543,052
WADA, SHIGEHISA 2,603,073
WAGADY, MOHAMED K. 2,624,669
WAGENVOORD, ROBERT 2,484,554
WAGSTAFF, ROBERT BRUCE 2,726,211
WALLUMROD, JOHN 2,528,582
WALSH, PATRICK J. 2,667,370
WALTON, J. RODNEY 2,547,112
WALZ, UWE 2,518,202
WANG, FRANK CHENG-YU 2,618,362
WANG, JUNSONG 2,707,359
WANG, LILI 2,640,396
WANG, PETER S. 2,640,885
WANG, SHAONING 2,600,203
WASILEWSKI, ANTHONY J. 2,577,327
WASMUTH, DANIEL 2,572,743
WATKINS, JEFFRY D. 2,525,139
WATKINS, LARRY A. 2,603,536
WATSON LABORATORIES, INC. 2,577,496
WATSON, ALAN R. 2,666,638
WAUGH, JACOB 2,416,289
WAY, JEROME 2,455,408
WEATHERALL, DOUGLAS JAMES 2,550,049
WEINER, DAVID PAUL 2,718,302
WEITGENANT, JEREMY 2,656,697
WELLER, HANS-MICHAEL 2,566,885
WELLINGTON, SCOTT LEE 2,559,798
WELLS ENTERPRISES, INC. 2,661,895
WENCHELL, THOMAS 2,484,906
WENZEL DOWNHOLE TOOLS LTD. 2,622,362
WERTZ, STACEY 2,480,173
WERY, JAN 2,241,267
WERYHA, BRAD 2,531,254
WEST-SELLS, PAUL GEORGE 2,664,756
WESTBERG, STEVEN A. 2,652,941
WESTENDORF MANUFACTURING CO., INC. 2,488,206
WESTENDORF, NEAL W. 2,488,206
WESTMAN, MIKE 2,548,926
WESTPHAL, TEDDY M. 2,669,402
WETHERBEE, TRENT R. 2,505,290
WHEELER, JEFFERY J. 2,309,727
WHELAN, JOHN MICHAEL 2,549,399
WHITAKER, ROBERT CHARLES 2,508,582
WIDMER, SEBASTIEN CEDRIC 2,586,984
WILENIUS-JAAKONAHO, TUULA 2,574,299
WILEX AG 2,526,989
WILEY, GEORGE ALAN 2,560,744
WILEY, JEFFREY LOUIS 2,577,496
WILHELM, DIDIER 2,481,708
WILK, BOGDAN KAZIMIERZ 2,561,313
WILKES, ROBERT PEYTON 2,725,943
WILLIAM A. COOK AUSTRALIA PTY. LTD. 2,580,859
WILLIAME, EDDY 2,601,013
WILLIAMS, PETER C. 2,286,021
WILLIAMSON, BRENDAN H. 2,707,758
WILSON, CAM 2,688,590
WILSON, LARRY J. 2,497,932
WINDUS-SMITH, BRYAN 2,481,873
WINQVIST, ANNA 2,665,049
WINTER, DOMINIK 2,579,728
WIRTH, THOMAS 2,544,886
WOESS, ANGELIKA 2,534,338
WOSIKOWSKI, KATJA 2,526,989
WOYCIESJES, PETER M. 2,579,118
WREDE, STEFAN 2,696,269
WREDE, STEFAN 2,703,207
WROBLEWSKI, MIKE 2,724,266
WU, XIAO DONG 2,627,415
WU, ZHONGLIN 2,590,753
WYETH 2,524,939
WYETH LLC 2,561,313
XENOTECH INCORPORATED 2,210,484
XEROX CORPORATION 2,655,266
XEROX CORPORATION 2,707,758
XIAO, JUNHAI 2,640,396
XU, XIAODONG C. 2,439,689
XUE, LIJUE 2,525,056
YAFUSO, BYRON Y. 2,481,368
YAMADA, MASASHI 2,589,252
YAMAGAMI, TAMOTSU 2,430,904
YAMAGAMI, TAMOTSU 2,475,438
YAMAGUCHI, TAKASHI 2,697,109
YAMAMOTO, MASASHI 2,466,141
YAMAMURA, YASUFUMI 2,603,073
YAMAZAKI, YOSHIHARU 2,494,123
YAMKA, RYAN MICHAEL 2,692,582
YANAGIHARA, KAZUFUMI 2,590,204
YANG, BO 2,579,118
YANG, DONGFANG 2,525,056
YANG, EN-HUI 2,689,876
YANG, SHIBAO 2,716,874
YANG, XUE DONG 2,549,536
YAO, YIYU 2,549,536
YASUE, TOKUTAROU 2,573,479
YEH, CHARLES S. 2,669,007
YESAIR, DAVID W. 2,462,906
YIN, XIAOJIN 2,716,874
YLI-URPO, ANTTI 2,567,784
YOHN, BRENT DAVID 2,541,071
YONEDA, TOSHIYUKI 2,210,484
YOO, MAN KI 2,675,488
YOO, MOO-HI 2,703,783
YOSHIDA, YU 2,694,401
YOUNGER, HAROLD R. 2,528,582
YU, YUEBIN 2,707,359
YUAN, JIE 2,677,777
YUASA, SHINSUKE 2,540,135
YUGAHARA, KAORU 2,713,186
ZARRAGA, ISIDRO ANGELO E. 2,495,570
ZBIGNIEW, ZURECKI 2,697,916
ZECCHI, STEFANO 2,602,935
ZEDDA, ALESSANDRO 2,549,146
ZELLER, JOERG 2,626,120
ZENTES, KLAUS, PETER 2,704,120
ZERVAS, MIKHAIL NICKOLAOS 2,479,115
ZHANG, ANYUAN 2,716,874
ZHANG, YUAN-PENG 2,309,727
ZHAO, CHEN 2,562,189
ZHENG, XIN XIAO 2,422,294
ZHONG, WU 2,640,396
ZHU, HUIDE D. 2,657,622
ZILKER, GREGORY 2,546,374
ZINN, RONALD SCOTTE 2,662,013
ZIPSER, STEPHAN 2,538,328
ZUMEX MAQUINAS Y ELEMENTOS, S.A. 2,539,581
ZURAWSKI, DAVID E. 2,695,803
3M INNOVATIVE PROPERTIES COMPANY 2,495,570

Index of Canadian Patents Issued
December 4, 2012

Index of Canadian Applications Open to Public Inspection

November 11, 2012 to November 17, 2012

Index des demandes canadiennes mises à la disponibilité du public

11 novembre 2012 au 17 novembre 2012

ACCENTURE GLOBAL SERVICES LIMITED 2,775,532
AEG POWER SOLUTIONS B.V. 2,774,345
AFFHOLTER, JOSEPH A. 2,762,498
AIR PRODUCTS AND CHEMICALS, INC. 2,776,747
ALEKSEENKO, OLGA PETROVNA 2,776,601
ALISKI, PETER 2,776,646
AMSAFE BRIDPORT LIMITED 2,741,059
ANDERSON, CHARLES 2,777,181
ANDERSON, DANIEL 2,777,181
ANDREWARTHA, MICHAEL IAN 2,741,059
APOLLO MICROWAVES, LTD. 2,762,703
ARLITT, RAPHAEL 2,775,379
ARNASON, JOHN THOR 2,776,745
ASARESE, DANIEL W. 2,776,252
ATHOS CONSTRUCTION PRODUCTS, INC. 2,740,549
AUGER, JEREMY JASON 2,777,079
BAINES, DAVID 2,777,201
BAKER HUGHES INCORPORATED 2,743,805
BALANEV, ANDREY 2,776,755
BATTISTI, PETER D. 2,739,923
BAUER, ALAN M. 2,774,900
BAXLEY EQUIPMENT CO. 2,776,700
BAYLEY, ROBERT D. 2,776,252
BELANGER, ISABELLE 2,739,631
BELL HELICOPTER TEXTRON INC. 2,775,887
BELL HELICOPTER TEXTRON INC. 2,776,654
BENDINELLI, ENRICO 2,776,699
BENNETT, ROY B. 2,740,031
BERLINGUETTE, CURTIS 2,740,298
BIK, TADEUSZ 2,776,199
BINDA, LODOVICO 2,776,699
BIPARVA, ALIREZA 2,740,072
BIRKERT, THOMAS 2,747,979
BISKUP, FRANK 2,775,379
BOGUE, CHRISTOPHER 2,740,457
BOMBEN, PAOLO 2,740,298
BONNIAUD, PHILIPPE 2,747,509
BOSK, BRIAN K. 2,776,713
BOULNOIS, JEAN-LUC 2,776,646
BRAUER, JOCHEN 2,776,681
BRETON, MARCEL P. 2,776,089
BRETON, MARCEL P. 2,776,220
BROWN, GAIL L. 2,740,473
BSH HOME APPLIANCES CORPORATION 2,773,375
BSH HOME APPLIANCES CORPORATION 2,773,383
BUERGE, NORBERT 2,777,075
BULOVA, MARINA NIKOLAEVNA 2,776,601
BUZZMETRICS LTD. 2,740,377
CANTEGA TECHNOLOGIES INC. 2,776,761
CARL, ROSS 2,775,334
CAVALCANTE, MAURICIO D. 2,776,643
CEPURAN, BRIAN JOHN 2,777,079
CHAE, JEUNGSUCK 2,740,104
CHAKER, MOHAMED 2,776,715
CHEMENCE MEDICAL PRODUCTS INC. 2,739,923
CHEN, KO-JU 2,746,400
CHEN, KO-JU 2,752,006
CHENAIL, EMMANUEL 2,777,205
CHENG, CHUN-YEN 2,740,916
CHENG, TAIBEN 2,776,669
CHOW, STANLEY T. 2,740,916
CHRETIEN, MICHELLE N. 2,776,056
CHRETIEN, MICHELLE N. 2,776,089
CHRETIEN, MICHELLE N. 2,776,220
CICCARELLI, NICHOLAS 2,776,090
COMCAST CABLE COMMUNICATIONS, LLC 2,776,103
COMPOSITE TECHNOLOGIES CORPORATION 2,776,632
CONCETTI S.P.A. 2,776,596
CONCETTI, TEODORO 2,776,596
CONRY, PAT 2,776,700
COOPER TECHNOLOGIES COMPANY 2,776,115
COOPER TECHNOLOGIES COMPANY 2,776,599
COOPER, TOM 2,776,654
CORE DESIGN LTD. 2,740,740
COUSE, PETER FRANCIS 2,747,304
COUSINEAU, ROBERT 2,763,664
COUSINEAU, ROBERT 2,763,688
DALE, PETER 2,782,909
DANIELS, JOHN 2,776,601
DASSAULT SYSTEMES 2,776,638
DASSAULT SYSTEMES 2,776,644
DASSAULT SYSTEMES 2,776,698
DAVIS, EMILY 2,775,870
DE BELDER, DANIEL BORIS F. 2,767,124
DE-STA-CO EUROPE GMBH 2,777,143
DEKONING, ADRIANUS 2,740,268
DEREL, JEROME 2,776,644
DESIRE2LEARN INCORPORATED 2,777,079
DEVLIN, CHRIS A. 2,776,646
DIAMOND TRADING, NAAMLOZE VENNOOTSCHAP 2,767,124
DIEZ DE MEDINA, DAFNE 2,776,669
DIFULGENTIZ, ROBERT A. 2,775,647
DIGUET, MICHAEL 2,776,638
DODAL, ROHIT SUMERCHAND 2,776,115
DONALDSON, CHARLOTTE A. 2,740,049
DONNADIEU, THIERRY 2,774,160
DUNN, STEVEN B. 2,747,979
DUONG, QUOCH DINH 2,777,205
DUPUIS, YVES 2,772,884
DURST, TONY 2,776,745
ECOTECH ASPHALTE INC. 2,777,205
ELIZAROV, MICHAEL 2,740,305
EMO, SCOTT 2,777,166
ENCANA OIL & GAS (USA) INC. 2,776,070
ERLICH, GUY 2,776,087
EVOLUTION LIGHTING, LLC 2,776,667
FARLEY, STEVEN E. 2,776,080
FELICE, KAREN 2,776,753
FERA, PAUL 2,747,304
FERAG AG 2,777,075
FITZGIBBON, JAMES J. 2,775,484
FORTIN, CHRISTIAN 2,776,671
FOSTER, BRIAN 2,776,745
FOUILLARD, EDMOND 2,740,740
FRENNA, GIUSEPPE 2,762,703
FRICKE, WOLFGANG 2,774,789
FUX, VADIM 2,740,305
G & E HERBAL BIOTECHNOLOGY CO., LTD. 2,766,631
GAMMON, SCOTT PETER 2,776,719
GARRIDO, CARMEN 2,747,509
GASPARETTO, MARIO 2,776,676
GASTELUM, RODOLFO 2,747,979
GE AVIATION SYSTEMS LLC 2,776,609
GENERAL ELECTRIC COMPANY 2,776,020
GENERAL ELECTRIC COMPANY 2,777,155
GERHARD, HEINZ 2,776,225
GEVERS, WILLIAM FRANCIS 2,776,020
GIAMATI, MICHAEL JOHN 2,776,213
GLOBE UNION INDUSTRIAL CORP. 2,741,017
GOEDEL, JARODD DAN 2,776,629

Index of Canadian Applications Open to Public Inspection
November 11, 2012 to November 17, 2012

GOLOVCHENKO, MYKOLA 2,776,085
GOODRICH CORPORATION 2,776,213
GREITZER, ELIYAHU 2,740,377
GRIFFITH LABORATORIES INTERNATIONAL, INC. 2,776,669
GRIGG, NATHAN 2,775,532
GU, EDWARD 2,776,115
GUNTHER, MATHIEU 2,776,698
GUPTA, RISHI 2,740,072
HACKENBERGER, DANE EUGENE 2,777,155
HALL, PETER RYAN 2,740,149
HARIDASU, BALAJI 2,776,020
HASKINS, JAMES H. 2,777,048
HATHERILL, MARK A. 2,747,979
HEATHCO, LLC 2,775,484
HEBERT, DAVID 2,743,805
HEINEN, DIRK 2,740,841
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER 2,772,894
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER 2,776,745
HERAEUS MEDICAL GMBH 2,775,267
HEZRONY, MOSHE 2,740,448
HILL, GILMAN A. 2,762,498
HOANG, PETER PHUNG MINH 2,739,969
HOLDEN, DAN 2,776,103
HONEYWELL ASCA, INC. 2,776,199
HONG, JEAN 2,776,644
HOUSTON, JOHN W. 2,777,084
HSU, WEIMIEN 2,741,017
HUNG, CHI-JUI 2,769,536
IBDAH, ABDALLAH 2,740,703
ICHIA TECHNOLOGIES, INC. 2,746,400
ICHIA TECHNOLOGIES, INC. 2,752,006
IMPERIAL OIL RESOURCES LIMITED 2,740,158
INSTITUT NATIONAL DE RECHERCHE SCIENTIFIQUE (INRS) 2,776,715
ITWARU, MARK 2,741,240
IVAN, FRANK 2,765,990
JEPSON, RAYMOND 2,776,671
JODOIN, MARTIN 2,740,494
JOHNSON, STEPHEN BERTRAM 2,776,020
JOSHI, SHARAD H. 2,776,646
JOYE, MARC 2,775,325
JURA-PLAST GMBH 2,776,225
KARASEK, MARK L. 2,775,484
KASSARJIAN, VASKEN 2,776,440
KENNAMETAL INC. 2,771,926
KENNEDY, RUSSELL 2,776,700
KHI CAPITAL INC. 2,740,072
KLEIN IBERICA, S.A. 2,775,463
KLIMACK, BRIAN K. 2,740,740
KLIMACK, JESSE 2,740,740
KMIECIK-LAWRYNOWICZ, GRAZYNA E. 2,776,252
KOEHL, ERICH 2,765,027
KOO, TIMOTHY 2,740,305
KOSTRZEWSKI, STANISLAW 2,773,414
KOVAL, RONALD J. 2,776,080
KRAWIEC, PETER STEVEN DAVID 2,740,567
KRICHMAN, YAKIR 2,740,377
KRIEG, GEORGE N. 2,743,805
KUO, KOU-WHA 2,766,631
LACUSTA, GREGG J. 2,740,567
LAROCHE, RUSS 2,776,646
LCM GMBH 2,774,789
LE, ANDREW PHONG 2,774,977
LEAHY, DONALD J. 2,776,080
LECERF, BRUNO 2,776,601
LEEDLE, JOHN D. 2,776,090
LEEDLE, MICHAEL 2,776,090
LEHANE, JAMES J. 2,776,080
LENNOX INDUSTRIES INC. 2,775,647
LEON, DANIEL 2,777,086
LETESTU, FRANCK 2,776,191
LETZELTER, FREDERIC 2,776,644
LETZELTER, FREDERIC 2,776,698
LEVINE, MARC-ALAN 2,776,090
LI, CHUNHUNG, 2,741,017
LOCKHURST, RAYMOND 2,740,457
LOCUS LOCATION SYSTEMS LLC 2,746,238
LONG, ROBERT T., SR. 2,776,632
LUDEWIG, DANIEL 2,774,789
LUNDY, WILLIAM L. 2,776,666
MAHABADI, HADI K. 2,776,056
MAHONEY, ORMONDE M. 2,740,346
MAK, ANDY 2,739,969
MALINS, JONATHAN NIGEL 2,776,599
MANEIRA, JOAO P. 2,739,923
MARINI, PAOLO 2,776,699
MARITZ INC. 2,776,600
MAROCCO, MARIO M. 2,747,919
MAROCCO, MARIO M. 2,777,454
MARQUAGE ANTIVOL SHERLOCK, INC. 2,740,494
MARTSINOVSKIY, GEORGY 2,776,755
MASEIKER, DARIUS 2,776,681
MAXXMAR INC 2,747,919
MAXXMAR INC 2,777,454
MAYTEX MILLS, INC. 2,777,201
MCCARTHY, JOHN 2,746,238
MCCLELLAN, RICHARD STANTON 2,740,183
MCELROY, CHRISTOPHER P. 2,776,729
MCELROY, LUCIAN G. 2,776,729
MCKENZIE, DANIEL 2,740,132
MCKENZIE, DANIEL 2,775,885
MCREAKEN, JANICE 2,775,532
MERIDIAN MANUFACTURING GROUP 2,776,604
MERRILLS, CASEY D. 2,776,761
METSO LINDEMANN GMBH 2,765,027
MEYER, GUY 2,740,771
MICHAUD, BERTRAND 2,776,671
MICROLINE SURGICAL, INC. 2,776,646
MINER ENTERPRISES, INC. 2,774,829
MINOVA INTERNATIONAL LTD. 2,740,183
MISUCHENKO, IGORIS 2,776,755
MITCHELL, ROBERT 2,746,238
MITEL NETWORKS CORPORATION 2,747,304
MOEN INCORPORATED 2,774,900
MONTAGNE, BRUNO 2,776,191
MONTIE, MARK W. 2,776,070
MOOG UNNA GMBH 2,776,916
MORIN, LEO 2,776,761
MOSHAL, MARTIN 2,775,179
MOULIN, DAVID 2,772,884
MUNCHKIN, INC. 2,747,979
MY SECURE ID 2,740,448
MYERS, STEVEN 2,776,087
NADON, ANDREA 2,776,105
NAGAYAMA ELECTRIC CO., LTD. 2,776,214
NAGAYAMA, YUTAKA 2,776,214
NANDA GILANI, PARUL 2,740,305
NANDA GILANI, PARUL 2,776,707
NESTEROVA, SVETLANA VIKTOROVNA 2,776,601
NEUFELD, JUAN 2,776,604
NEUMANN, JUERGEN 2,776,225
NIEHAUS, BERND 2,774,345
NILES, MARTIN S. 2,776,761
NOKIA CORPORATION 2,775,268
NORALTA TECHNOLOGIES INC. 2,743,210
NORDENIA DEUTSCHLAND HALLE GMBH 2,776,681
NORWOOD INDUSTRIES INC. 2,782,909
NOVA CHEMICALS CORPORATION 2,739,969
OIL REBEL INNOVATIONS LTD. 2,740,567
ONCOGENEX TECHNOLOGIES INC. 2,747,509
OPTILUME ENGINEERED LIGHT CORPORATION 2,740,771
OTT, WILLIAM F. 2,775,484
OUIMET, LUC 2,777,205
OULDCHAMA, KHALIL 2,776,671
PALIN, ARTO 2,775,268
PANDEY, ASHWINI K. 2,775,865
PAPAVERO, ANTHONY TAD 2,776,631
PAPAVERO, EMILY ANN 2,776,631
PAULEY, DEVIN BERTRUM 2,774,977
PAULSON, MURRAY 2,740,771
PEREVERZEV, STANISLAV 2,776,085
PERNER, NORMAN 2,775,379
PFEIFLE, RONALD FRIEDRICH 2,776,678
PIRILLO, CARLO 2,776,600
PLASTIC ENTERPRISES CO., INC. 2,776,566
POMEROY, PAUL A. 2,776,080
POTAPENKO, DMITRY IVANOVICH 2,776,601
POWER, ROSS PATRICK 2,777,166
POWERHOUSE BUILDING SOLUTIONS (2009) INC. 2,777,166
PRISMA ENGINEERING S.R.L. 2,776,699
PROTO-VEST, INC. 2,776,729
QUERIC, MIKAEL 2,776,644
RACH, JOSEPH F. 2,739,923

Index des demandes canadiennes mises à la disponibilité du public
11 novembre 2012 au 17 novembre 2012

RAPAK GMBH 2,776,225
RAYBACK, GEOFFREY PAUL 2,775,532
RAYBON, CHRIS 2,776,700
REHRIG PACIFIC COMPANY 2,776,643
RESEARCH IN MOTION LIMITED 2,740,305
RESEARCH IN MOTION LIMITED 2,740,703
RESEARCH IN MOTION LIMITED 2,774,977
RESEARCH IN MOTION LIMITED 2,776,085
RESEARCH IN MOTION LIMITED 2,776,678
RESEARCH IN MOTION LIMITED 2,776,707
RESEARCH IN MOTION LIMITED 2,776,719
RESTEL, CARRIE ANN 2,776,667
RESTREPO, CARLOS EDUARDO 2,776,115
REUNAMAEKI, JUKKA 2,775,268
REX MEDICAL, L.P. 2,776,090
REZKALLAH, ARESKI 2,776,076
ROE, GRADY 2,777,181
ROGERS, PETER J. 2,740,549
ROHM AND HAAS COMPANY 2,776,076
ROJAS, MIGUEL 2,740,129
ROSMANN, TOBIAS 2,776,916
ROTTAPHARM S.P.A. 2,776,222
ROVATI, LUCIO CLAUDIO 2,776,222
ROWLANDS, JOHN 2,740,456
RUDOLF, JUERGEN 2,776,504
RUIN, ALEXEY 2,776,755
SACRIPANTE, GUERINO G. 2,776,056
SALIS, KEITH A. 2,774,829
SALOMON S.A.S. 2,774,160
SAMPATH, KARTHIK 2,771,926
SCHANK, TROY C. 2,775,887
SCHLUMBERGER CANADA LIMITED 2,776,601
SCHMIDT, ELISABETH 2,776,109
SCHNIEBER, TIM 2,775,267
SCOTT, GEORGE R. 2,740,158
SEARS BRANDS, LLC 2,775,334
SHAFFER, ROBERT CHARLES 2,777,155
SHAW, BENJAMIN MILTON 2,739,969
SHELLEY, GABRIEL LEE GILBERT 2,740,305
SHELLEY, GABRIEL LEE GILBERT 2,776,707
SHEU, HAMM-MING 2,766,631
SHIN-ETSU CHEMICAL CO., LTD. 2,776,067
SIEMENS AKTIENGESELLSCHAFT 2,776,109
SIMON, HORST-PETER 2,740,183
SMITH, MEGAN M. 2,740,049
SOCIETE DE MECANIQUE MAGNETIQUE S.A. 2,772,884
SOLTANI, MOHAMMED 2,776,715
SOLVEN, DEREK RAYMOND 2,776,085
SOVA, ALEXEY ALEXANDROVICH 2,776,601
STAIKOS, GEORGE ROSS 2,776,719
STAIKOS, MATTHEW NICHOLAOS 2,776,719
STEGERWALD, GERHARD 2,773,375
STEGERWALD, GERHARD 2,773,383
STELPRO DESIGN INC. 2,776,671
STEWART, DOUGLAS JAMES 2,741,059
STUKANOV, IGOR 2,740,946
SULLIVAN, CHRIS 2,776,646
SWAHAR, GAYATHRI 2,740,499
SWEENEY, MAURA A. 2,776,252
TAGHIBAKSSH, FARHAD 2,740,456
TAKAI, YASUSHI 2,776,067
TARREGA LLORET, MIGUEL ANGEL 2,775,463
TELIK, INC. 2,740,473
THALES 2,776,191
THE NIELSEN COMPANY (U.S.), LLC 2,740,499
THIESSEN, BERNIE 2,776,604
THOMSON LICENSING 2,775,325
THOMSON, ROBERT WILLIAM 2,776,609
TSUI, GALLEN K.L. 2,789,040
TSUI, PHILIP Y.W. 2,789,040
TSUMORI, TOSHIHIRO 2,776,067
TYCO HEALTHCARE GROUP LP 2,773,414
TYCO HEALTHCARE GROUP LP 2,775,865
TYCO HEALTHCARE GROUP LP 2,775,870
TYCO HEALTHCARE GROUP LP 2,776,181
TYCO HEALTHCARE GROUP, LP 2,776,755
ULLE, DETLEV 2,777,143
UNISON INDUSTRIES, LLC 2,776,629
UNIVERSITY OF OTTAWA 2,776,745
UNIVERSITY TECHNOLOGIES INTERNATIONAL, INC. 2,740,298
UPONOR INNOVATION AB 2,776,504
USG INTERIORS, LLC 2,776,080
VAN DER BEEK, AUGUST 2,765,027
VASIL'EV, VLADIMIR 2,776,755
VASKO, TIMOTHY S. 2,777,611
VAVRA, CHARLES L. 2,776,070
VEZINA, CHRISTIAN 2,776,671
VICTOR, MATE 2,740,905
VIOLA, FRANK 2,775,870
VIOLA, FRANK 2,776,181
VOGT, SEBASTIAN 2,775,267
VOITH PATENT GMBH 2,775,379
WALLMEIER, PETER 2,774,345
WANG, DEMIN 2,772,894
WATER TECH LLC 2,776,087
WATERLEAF LTD. 2,775,179
WETTSTEIN, GUILLAUME 2,747,509
WILBUR L. ANDERSON, INC. D/B/A WESTERN TOWERS 2,777,181
WILT, DONALD E. 2,774,829
WOLLAK, JONATHAN J. 2,774,977
WRIGHTMAN, RONALD A. 2,777,208
XEROX CORPORATION 2,776,056
XEROX CORPORATION 2,776,089
XEROX CORPORATION 2,776,220
XEROX CORPORATION 2,776,252
XIA, JUNTAO 2,741,017
YATES, ADAM JOHN 2,747,979
YEATS, KEITH I. 2,776,761
YOUNG, LOUIS J. 2,776,566
YOUNG, WENDELL 2,743,210
YUERS, KEVIN 2,740,072
ZHANG, LIANG 2,772,894
ZHENG, DANIAN 2,776,020
ZHENG, DONG 2,772,894
ZHOU, KE 2,776,056
ZHUANG, ALEX 2,776,115
ZURECKI, ZBIGNIEW 2,776,747
ZWARTZ, EDWARD G. 2,776,056
3H-LACKE GMBH 2,774,789
7820585 CANADA INC. 2,740,927

Index of Canadian Applications Open to Public Inspection
November 11, 2012 to November 17, 2012

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

AAMIR, MIR MOHAMMED 2,794,092
ABB RESEARCH LTD 2,794,025
ABB RESEARCH LTD. 2,793,542
ABB TECHNOLOGY AG 2,793,475
ABELA PHARMACEUTICALS, INC. 2,793,612
ABRAXIS BIOSCIENCE, LLC 2,793,536
ABRAXIS BIOSCIENCE, LLC 2,793,974
ABUAN, JOE S. 2,794,032
ACCENTURE GLOBAL SERVICES LIMITED 2,793,953
ACTAVIS GROUP PTC EHF. 2,793,948
ACTELION PHARMACEUTICALS LTD 2,793,975
ADC TELECOMMUNICATIONS, INC. 2,793,637
ADKINS, STEPHEN 2,793,957
ADVANCED BIFURCATION SYSTEMS, INC. 2,794,064
ADVANCED BIFURCATION SYSTEMS, INC. 2,794,078
ADVANCED BIFURCATION SYSTEMS, INC. 2,794,080
ADVANCED EXTRACTION TECHNOLOGIES, INC. 2,793,694
ADVENTIUM ENTERPRISES 2,793,713
AESCULAP AG 2,793,961
AGFA-GEVAERT 2,793,628
AGFA-GEVAERT 2,793,787
AGIOS PHARMACEUTICALS, INC. 2,793,835
AGIOS PHARMACEUTICALS, INC. 2,793,836
AGUIAR, JOACY C. 2,793,223
AHUJA, VARINDER 2,793,485
AITKEN, GAIL CAMERON 2,793,040
AKERSTROEM, BO 2,794,021
AKERUD, HELENA 2,793,919
AKIMOTO, NANAO 2,793,816
AKKAYA, ONUR CAN 2,793,452
ALBEMARLE CORPORATION 2,793,768
ALCOA INC. 2,793,885
ALCON RESEARCH, LTD. 2,793,615
ALCON RESEARCH, LTD. 2,793,618
ALCON RESEARCH, LTD. 2,793,622
ALESSANDRINI, ALBERTO 2,793,812
ALESSANDRINI, ALBERTO 2,793,815
ALEX, GUENTER 2,793,994
ALFA LAVAL CORPORATE AB 2,793,562
ALFANO, NICHOLAS PATRICK 2,793,711
ALI, PETER KALAM 2,793,939
ALLEN, CHARLES ROBERT 2,793,869
ALLERTON, JAMES 2,793,677
ALSTOM TECHNOLOGY LTD 2,793,701
ALVARADO, LEIDDY 2,793,735
AMAZON TECHNOLOGIES INC. 2,794,085
AMBIENT CORPORATION 2,794,030
AMBROISE, STEPHANE 2,794,133
AMERY, DREW 2,794,005
AMGEN INC. 2,793,897
AMITECH THERAPEUTIC SOLUTIONS, INC. 2,794,086
AMNEAL PHARMACEUTICALS, LLC 2,793,973
ANDERBERG, JOSEPH 2,790,785
ANDERSEN CORPORATION 2,793,489
ANDERSEN, SIMON IVAR 2,793,632
ANDERSON, TIMOTHY 2,793,635
ANDERSON, TODD E. 2,793,623
ANDERSON, TODD E. 2,793,626
ANDOH, ROBERT YAW GYAMFI 2,793,943
ANIMAS CORPORATION 2,794,104
ANSERMET, CAROLINE 2,793,972
ANSERMET, CAROLINE 2,793,976
ANTOINE, ANDREW 2,793,231
AOYAMA, TAKAHISA 2,793,703
APPLE INC. 2,793,511
APPLE INC. 2,793,864
APPLE INC. 2,793,886
APPLE INC. 2,794,032
APPLEY, CHARLES FITCH 2,793,795
APTALIS PHARMA CANADA INC. 2,793,685
APTALIS PHARMA CANADA INC. 2,793,686
ARAKI, YASUHIRO 2,793,807
ARBAB, MEHRAN 2,793,560
ARCOS DIE HAARPROFIS HANDELS GMBH 2,793,994
ARINI, NICHOLAS S. 2,793,903
ARMWEST, LLC 2,793,964
ARMWEST, LLC 2,793,968
ARNOLD, LEE DANIEL 2,794,086
ARNONE, MILES 2,793,748
ART HEALTHCARE LTD. 2,793,853
ASADA, SHIGEO 2,793,822
ASADA, SHIGEO 2,793,946
ASAHI KASEI CONSTRUCTION MATERIALS CORPORATION 2,793,827
ASIAGO, VINCENT MOSETI 2,793,735
ASPEN TECHNOLOGY, INC. 2,793,508
ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS 2,793,749
ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS 2,793,751
ASTELLAS PHARMA INC. 2,793,856
ASTRIUM LIMITED 2,793,613
ASTUTE MEDICAL, INC. 2,790,785
ATES, FIKRET 2,794,100
ATIALIS 2,793,658
ATOMO DIAGNOSTICS PTY LIMITED 2,793,554
AUSTIN, MARK 2,793,662
AUTOMAT INDUSTRIAL, S.L. 2,793,589
AVENTIS PHARMACEUTICALS INC. 2,793,223
B. BRAUN MELSUNGEN AG 2,793,972
B. BRAUN MELSUNGEN AG 2,793,976
BACCHETTA, ROGER 2,793,967
BACH, JULIEN 2,794,131
BACKES, ROBERT L. 2,793,592
BAER, KATJA 2,793,580
BAER, SAMUEL C. 2,793,535
BAILEY, THOMAS 2,793,231
BAIR, CASSILYN 2,793,615
BAIR, CASSILYN 2,793,618
BAKER HUGHES INCORPORATED 2,793,935
BAKER HUGHES INCORPORATED 2,794,111
BALK, WOUTER 2,786,130
BANSAL, RAM K. 2,793,231
BARENG, EUSEBIO 2,793,486
BARGER, PAUL T. 2,794,109
BARGER, PAUL T. 2,794,118
BARJOH PTY LTD 2,793,931
BARKER, CARL DAVID 2,793,701
BARTER, PAUL STEPHEN 2,793,943
BARTLETT, J. BLAKE 2,792,872
BARTUS, RAYMOND T. 2,793,692
BASF PLANT SCIENCE COMPANY GMBH 2,780,079
BASF PLANT SCIENCE COMPANY GMBH 2,793,559
BASF SE 2,793,499
BASF SE 2,793,687
BASF SE 2,793,918
BASF SE 2,793,957
BASS, RONALD MARSHALL 2,793,627
BASSET, JEAN-MARIE 2,794,109
BASSET, JEAN-MARIE 2,794,118
BASTIAN MATERIAL HANDLING, LLC 2,793,834
BASTIAN, WILLIAM A., II 2,793,834
BATT, ANDRZEJ ROMAN 2,793,641
BATTELLE MEMORIAL INSTITUTE 2,793,989
BAUEN, DANIEL 2,793,615
BAUEN, DANIEL 2,793,618
BAUSCH & LOMB INCORPORATED 2,793,844
BAVIDGE, MITCH 2,793,678
BAXTER HEALTHCARE S.A. 2,793,493
BAXTER HEALTHCARE S.A. 2,793,661
BAXTER HEALTHCARE S.A. 2,794,143
BAXTER INTERNATIONAL INC. 2,793,493
BAXTER INTERNATIONAL INC. 2,793,661

Index of PCT Applications Entering the National Phase

BAXTER INTERNATIONAL INC. 2,794,143
BAYER HEALTHCARE LLC 2,793,878
BAYER INTELLECTUAL PROPERTY GMBH 2,794,087
BEAM, MATTHEW ALLAN 2,793,681
BEATTY, JOHN T. 2,793,579
BEATTY, KEVIN 2,794,065
BECHTEL, STEFAN 2,793,687
BECK, DOUGLAS 2,793,649
BECTON, DICKINSON AND COMPANY 2,793,144
BEER, GARY LEE 2,793,883
BEESON, CRAIG CANO 2,794,018
BEIER, AXEL 2,794,034
BEIJING JUNANTAI PROTECTION TECHNOLOGIES CO., LTD 2,793,761
BELANGER, NICOLAS 2,793,563
BELL HELICOPTER TEXTRON INC. 2,793,858
BELZOWSKI, MARLA D. 2,794,022
BELZOWSKI, MARLA D. 2,794,023
BELZOWSKI, MARLA D. 2,794,075
BENEDETTI, HELENE 2,793,794
BENNANI, YOUSSEF L. 2,794,145
BERCHIER, CEDRIC 2,793,972
BERCHIER, CEDRIC 2,793,976
BERGER, TIFFANY J. 2,793,599
BERGERON, HENRY 2,793,851
BERGMANN, DIRK 2,793,543
BERGMANN, UWE 2,793,543
BERKENKOPF, MARTIN 2,793,773
BERMUDEZ PESTONIT, PABLO 2,793,981
BERNET, AGNES 2,793,750
BERRIAH, SAID 2,793,573
BERTHOD, GILLES 2,793,984
BERTONE, ARMANDO 2,793,902
BERTRAND, WILLIAM J. 2,794,005
BESSE, JOHN R. 2,793,552
BESSETTE, DEREK 2,793,908
BESSETTE, DEREK 2,793,910
BETA INNOV 2,793,940
BETTENWORT, GERD 2,794,116
BHAKTA, SUNIL 2,793,544
BHATT, PADMANABH P. 2,793,777
BIAGGI, FABRIZIO 2,793,967
BIENIEK, SEBASTIAN 2,794,116
BIGORRA LLOSAS, JOAQUIN 2,793,635
BILTON, SIMON LEWIS 2,793,790
BINGHAM, JAMES 2,793,876
BIO-RAD LABORATORIES (ISRAEL) INC 2,793,952
BIOALLIANCE PHARMA 2,794,042
BIOCERN, INC. 2,793,945
BIOMAX HOLDINGS PTE LTD 2,793,923
BIONEST TECHNOLOGIES INC. 2,793,914
BIOREALITES S.A.S. 2,793,647
BIOTRONIK AG 2,793,568
BIRKENHEAD, SIMON 2,793,903
BISCHOFF, PAUL STEVEN 2,793,489
BITTNER, CHRISTIAN 2,793,499
BJM FOOD TECHNOLOGIES INC. 2,793,950
BLAKEY, BRIAN CHARLES 2,793,719
BLANCHARD, JOHN LINCOLN 2,793,210
BLANCO, ALEJANDRO G. 2,793,591
BLAU, ASTRID 2,780,079
BLEACKLEY, DAVID 2,793,508
BLICK, KEVIN 2,793,621
BLICK, KEVIN 2,793,662
BLICK, KEVIN 2,793,677
BLOYS, BEN 2,793,851
BLUESTAR SILICONES FRANCE 2,793,624
BLUM, RONALD D. 2,793,881
BLUMBERG, PETER M. 2,792,878
BLUMENBERG, CHRISTOPHER 2,793,864
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,793,499
BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY 2,793,194
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,793,616
BOKU, INC. 2,793,757
BOLKEN, TOVE C. 2,793,533
BONDGE, SANDIPAN PRABHURAO 2,793,948
BORDE, XAVIER 2,793,754
BOSTON BIOMEDICAL, INC. 2,793,526
BOSTON BIOMEDICAL, INC. 2,793,527
BOSTON SCIENTIFIC SCIMED, INC. 2,793,839
BOUKHNY, MIKHAIL 2,793,618
BOUKHNY, MIKHAIL 2,793,622
BOURANG, HENRY 2,794,064
BOURANG, HENRY 2,794,078
BOURANG, HENRY 2,794,080
BOUTARD, NICOLAS 2,793,683
BOWE, MICHAEL JOSEPH 2,793,682
BOWERS, JOLENE 2,793,660
BOYD, MALCOLM STANLEY 2,793,705
BOYD, MALCOLM STANLEY 2,793,790
BRAND AFFINITY TECHNOLOGIES, INC. 2,793,726
BRENNER, JACOB SAMUEL 2,793,488
BRETTON, JOSEPH N. 2,793,609
BRI ENERGY SOLUTIONS LIMITED 2,793,447
BRICQUET, CEDRIC 2,794,131
BRITISH AMERICAN TABACCO (INVESTMENTS) LIMITED 2,793,677
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,793,621
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,793,662
BRITISH AMERICAN TOBACCO JAPAN, LTD 2,793,621
BRITISH AMERICAN TOBACCO JAPAN, LTD 2,793,662
BRITISH AMERICAN TOBACCO JAPAN, LTD 2,793,677
BRODT, GREGOR 2,793,957
BRONOWSKI, HELMUT 2,793,904
BROOKHAVEN SCIENCE ASSOCIATES/ BROOKHAVEN NATIONAL LABORATORY 2,792,933
BROOKS, MARTIN 2,793,630
BROSSON, HUBERT 2,793,658
BROWD, SAMUEL R. 2,793,672
BROWN UNIVERSITY 2,793,181
BROWN, STEVE D. M 2,793,643
BRUCE, WESLEY 2,780,079
BRUNNERT, DAVID J. 2,793,231
BUCKMAN LABORATORIES INTERNATIONAL, INC. 2,793,614
BUI, TUAN 2,793,493
BUILDING MATERIALS INVESTMENT CORPORATION 2,793,649
BUR, DANIEL 2,793,975
BURK, HELEN 2,793,876
BURNINGHAM, CLAYTON 2,793,733
BURROUGHS, FRANK G. 2,794,082
BURROWES, LEE 2,793,461
BUSTOS, INGRY JANET 2,793,685
CADBURY UK LIMITED 2,793,491
CADBURY UK LIMITED 2,793,679
CADBURY UK LIMITED 2,793,680
CADBURY UK LIMITED 2,793,681
CADILHAC, CAROLINE 2,794,145
CAI, CHAO 2,794,040
CALLICRATE, MICHAEL P. 2,792,907
CALLOWAY, BRITT 2,793,834
CAMBRIDGE ENTERPRISE LIMITED 2,794,088
CAMPANONI, PRISCA 2,794,037
CAMPBELL, LOUIS A. 2,794,121
CAMPODONICO, MARCO 2,794,156
CAMUS, DANIEL 2,793,514
CANELHAS, ANDRE PAULO 2,793,701
CANNON, HILARY 2,792,852
CANTLEY, LEWIS C. 2,793,836
CAO, HENGCHU 2,793,916
CAO, HENGCHU 2,793,936
CARDIODX, INC. 2,793,210
CARIOU, RICHARD 2,794,044
CARPENTER, TODD L. 2,793,617
CARR, MICHAEL 2,794,085
CARUSO, ARNALDO 2,793,688
CASALS DIAZ, JAIME 2,793,981
CASHION, DANIEL KURT 2,794,004
CASTEX-RIZZI, NATHALIE 2,794,115
CASTRO, JAMES NELSON 2,793,518
CATCH THE WIND, INC. 2,792,880
CATERPILLAR INC. 2,793,895
CATERPILLAR INC. 2,793,988
CATERPILLAR MOTOREN GMBH & CO. KG 2,793,991
CATINOT, JEREMY 2,794,037
CATOR, BRENT 2,793,950
CAVET TECHNOLOGIES INC. 2,793,700
CAVET TECHNOLOGIES INC. 2,793,710
CELGENE CORPORATION 2,792,872
CEMPRA PHARMACEUTICALS, INC. 2,793,884
CENTRE HOSPITALIER UNIVERSITAIRE SAINTE-JUSTINE 2,793,683
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,794,163
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,793,647
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,793,794
CEQUINT, INC. 2,792,954
CERALOC INNOVATION BELGIUM BVBA 2,793,863
CEREGENE, INC 2,793,692
CERESA, ALAN 2,793,769
CERYNIK, DOUGLAS 2,794,019
CHABAN, BONNIE LAURA 2,793,906

Index des demandes PCT entrant en phase nationale

CHABANNE, HERVE 2,793,659
CHAMINAND, JULIEN 2,793,770
CHANG, YICHANG 2,786,871
CHASSER, ANTHONY M. 2,793,691
CHATURVEDI, SIVAKUMAR 2,793,924
CHEESEMAN, MICHAEL T 2,793,643
CHEMTOB, SYLVAIN 2,793,683
CHEN, GANG 2,794,004
CHEN, JINGSONG 2,793,671
CHEN, PING 2,793,949
CHEN, SHU-JEN 2,793,633
CHEN, SILVIA 2,793,671
CHEN, WANG 2,793,683
CHEN, YUNG-FA 2,793,742
CHENG, WEIGUO 2,793,849
CHENG, WU-CHENG 2,793,566
CHEVRON U.S.A. INC. 2,793,851
CHEW, LAWRENCE 2,793,978
CHICH, ADEM 2,793,649
CHILOYAN, JOHN 2,793,617
CHIN, JASON 2,793,934
CHO, YONG-CHOON 2,793,720
CHOI-SLEDESKI, YONG-MI 2,793,223
CHOI, BYEONGHO 2,794,169
CHRISTIANDER, ASA 2,793,550
CHRISTIANSEN, NICOLE 2,780,079
CHU, GUODONG 2,793,742
CHUA, SIOK LUI 2,793,923
CHUANG, JAMES 2,794,085
CHUO HATSUJO KABUSHIKI KAISHA 2,793,707
CHUO HATSUJO KABUSHIKI KAISHA 2,793,708
CHURCHLEY, DAVID RAYMOND 2,793,040
CHURCHLEY, DAVID RAYMOND 2,793,641
CLAGETT-DAME, MARGARET 2,793,727
CLAGETT, JAMES 2,793,671
CLARK, DARIN G. 2,793,693
CLARK, RICHARD A. 2,793,614
CLARKE, PETER 2,793,491
CLARKE, PETER 2,793,679
CLARKE, PETER 2,793,680
CLARKE, PETER 2,793,681
CLARKE, SEAN PETER 2,793,461
CLAUSEN, JEFFERY RONALD 2,793,764
CLEWER OY 2,794,125
CLIFFORD, ANTON G. 2,793,606
COADY, JAMIE 2,793,144
COELHO, PHILIP H. 2,793,648
COGNIS IP MANAGEMENT GMBH 2,793,635
COHEN, JEFFREY S. 2,794,121
COHEN, MITCHELL 2,793,876
COLLADON, FABRICE 2,793,984
COLLINGE, MEHDI 2,794,100
COLLINS, CHRISTOPHER H. 2,793,696
COLLINS, JENNIFER 2,792,977
COLLINS, SHAWN THOMAS 2,793,305
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION 2,792,904
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION 2,793,657
COLUDROVICH, EARL 2,793,851
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,793,774
COMPACTGTL PLC 2,793,682
CONKLIN, BRIAN S. 2,793,916
CONNELL, BARRY JAMES 2,789,785
CORBETT, THOMAS G. 2,793,851
CORCORAN, MICHAEL L. 2,793,614
CORKERY, ROBERT 2,792,971
CORNETTE, H. MITCHELL 2,793,851
CORNING CABLE SYSTEMS LLC 2,794,138
CORONA, ALESSANDRO, III 2,793,577
CORTEZ, MALLORY 2,793,663
COSMO OIL CO., LTD. 2,793,706
COSMO OIL CO., LTD. 2,793,824
COSMOGA S.R.L. 2,793,812
COSMOGA S.R.L. 2,793,815
COSSETTE-PACHECO, ALEXANDRE 2,794,057
COSTANTINI, DOMINIQUE 2,794,042
COTE, MONIQUE L. 2,794,138
COVINGTON, CHARLES ERIC 2,793,858
COZEAN, COLETTE 2,793,612
COZEAN, JESSE 2,793,612
CRAWFORD, TIMOTHY 2,793,630
CROP MICROCLIMATE MANAGEMENT INC. 2,793,731
CROSS, JOHN DAVID 2,793,705
CROSS, JOHN DAVID 2,793,790
CROWN PACKAGING TECHNOLOGY, INC. 2,793,921
CROWN PACKAGING TECHNOLOGY, INC. 2,794,120
CRUICKSHANK, BRIAN W. 2,793,798
CURLE, WILLIAM 2,793,645
CURRY, PATRICK 2,792,874
CUSHING, TIMOTHY D. 2,793,897
CUTSHALL, NEIL S. 2,792,844
CZERNIECKI, BRIAN J. 2,793,458
DACCORD, GERARD 2,794,033
DAHLGREN, ATTI-LA 2,793,555
DAHLGREN, JOHN 2,793,555
DAI, PENG 2,793,949
DAI, XIAOJUN 2,793,594
DAI, XING 2,793,949
DAI, XING 2,794,003
DAIDO ELECTRONICS CO.,LTD. 2,793,828
DAIDO ELECTRONICS CO.,LTD. 2,793,830
DAIDO STEEL CO., LTD. 2,793,828
DAIDO STEEL CO., LTD. 2,793,830
DAIICHI SANKYO COMPANY, LIMITED 2,793,523
DAIICHI SANKYO COMPANY, LIMITED 2,793,525
DALLIMORE, ROWAN 2,793,861
DALTON, JAMES T. 2,793,999
DALTON, WILLIAM S. 2,793,838
DAMAKA, INC. 2,793,924
DANA AUTOMOTIVE SYSTEMS GROUP, LLC 2,794,045
DANA, TODD C. 2,793,947
DANG, CHANGJIU 2,792,874
DANG, LENNY 2,793,835
DANG, LENNY 2,793,836
DANIEL MEASUREMENT AND CONTROL, INC. 2,793,869
DANIELS, SUSAN ELIZABETH 2,793,210
DARLING, MATTHEW ROSS 2,793,357
DAS-NANDY, ARIMA 2,793,880
DAS, SANJOY KUMAR 2,794,145
DAS, SHAMIK 2,793,521
DAUVERGNE, MICKAEL 2,794,133
DAVID, JAIRUS R. D. 2,793,529
DAVID, THOMAS KANATHKUNN 2,794,097
DAVIDSON, COLIN CHARNOCK 2,793,701
DAVIDSON, JAMES A. 2,793,916
DAVIDSON, MARK J. 2,793,996
DAVIES, JAMES ALEXANDER 2,793,790
DAVIS, JASON LOUIS 2,793,949
DAVIS, LAWRENCE E. 2,793,615
DAVIS, LAWRENCE E. 2,793,618
DAVIS, RICHARD 2,793,798
DAVIS, RICHARD 2,793,799
DAWIS, SUZANNE 2,793,519
DE ANGELO, JOHN T. 2,793,609
DE GROOT, PIETER GERLOF 2,793,860
DE MARIA, LEONARDO 2,794,095
DE MARIA, LEONARDO 2,794,113
DE SAUSMAREZ LINTELL, DANIEL THOMAS 2,793,790
DEANER, MICHAEL JAMES 2,793,489
DEARDORFF, JENNIFER 2,793,519
DEDE, EDGAR K. 2,792,880
DEGUDENT GMBH 2,793,766
DELCASTILLO, JORGE A. 2,793,661
DELCROS, JEAN GUY 2,793,750
DELICA AG 2,793,911
DELLOYE-BOURGEOIS, CELINE 2,793,750
DELUCA, HECTOR F. 2,793,727
DEMEYERE, HUGO JEAN MARIE 2,793,879
DEMONG, DUANE E. 2,793,949
DEMONG, DUANE E. 2,794,003
DEMPSEY, MICHAEL 2,793,898
DENIS, REAL 2,794,145
DEONARAIN, MAHENDRA 2,793,797
DEPPONG, DAVE 2,793,559
DEPUY, RICHARD ANTHONY 2,793,719
DEROSIA, ANDREW L. 2,793,929
DESAI, JATIN 2,793,973
DESAI, NEIL P. 2,793,974
DESARROLLO INTEGRAL DEL MOLDE, S.L. 2,777,046
DEUTSCHE TELEKOM AG 2,793,901
DEWALCH TECHNOLOGIES, INC. 2,793,565
DEWALCH, NORMAN BINZ 2,793,565
DI BONO, GIUSEPPE 2,793,348
DICKIE, ROBERT 2,793,569
DICKSON, GRAHAM C. 2,793,925
DIEHL AEROSPACE GMBH 2,793,907
DIEKEVERS, MARK 2,793,895
DIEKEVERS, MARK 2,793,988
DIENER, STEPHEN 2,793,559
DIETZ, JON 2,793,559
DIGONNET, MICHEL J.F. 2,793,452
DIGUET, SYLVAIN 2,793,783
DIJKHUIZEN, FRANS 2,793,542
DIMELOW, CHRIS 2,792,971
DIOXIDE MATERIALS, INC. 2,794,105
DITTRICH, DAVID 2,793,621
DIXIT, VISHVA 2,793,503
DIZENIO INC. 2,794,062
DIZEREGA, GERE S. 2,793,515
DOERFLER, THOMAS 2,793,785

Index of PCT Applications Entering the National Phase

DOI, MASAKO 2,793,951
DOLL, RONALD J. 2,793,697
DORJI, SINGAY 2,793,555
DORJI, TASHI YANGZOME 2,793,555
DORN, JOHN 2,793,953
DOVE, JEFFREY S. 2,794,121
DOW AGROSCIENCES LLC 2,794,082
DOW GLOBAL TECHNOLOGIES LLC 2,793,693
DOW, STEVEN W. 2,793,657
DOWE, ANDREAS 2,793,564
DOWE, ANDREAS 2,793,593
DRESSER-RAND COMPANY 2,793,717
DREXEL, CLAUS-PETER 2,794,028
DRIEBE, ELIZABETH 2,793,660
DRONNE, CEDRIC 2,793,639
DSM IP ASSETS B.V. 2,793,783
DUCHENE, MARCI 2,793,599
DUDAR, THOMAS E. 2,793,661
DUDEK, DAVID M. 2,792,914
DUDIK, JOHN M. 2,793,691
DUMOULIN, YVES 2,793,685
DUNLEAVY, PATRICK 2,793,463
DUNLEAVY, PATRICK 2,793,767
DUNN, CHRISTOPHER DAVID 2,793,554
DUQUETTE, JASON A. 2,793,897
DURAND, FABIEN 2,794,163
DURO FERNANDEZ, RICHARD J. 2,793,981
DUVERDIER, HUBERT 2,793,658
DUWIG, CHRISTOPHE 2,793,899
EATON CORPORATION 2,793,806
ECABERT, BASTIEN 2,793,972
ECABERT, BASTIEN 2,793,976
EDISON WELDING INSTITUTE, INC. 2,792,882
EDMONDS, SARAH 2,793,876
EDWARDS LIFESCIENCES CORPORATION 2,793,916
EDWARDS LIFESCIENCES CORPORATION 2,793,936
EDWARDS LIFESCIENCES CORPORATION 2,794,121
EDWARDS, ALEXANDER DANIEL 2,794,088
EDWARDS, JOHN LALANDE 2,793,356
EFFERTZ, KEITH JAMES 2,793,489
EGS ELECTRICAL GROUP, LLC 2,794,027
EIDENMUELLER, LUTZ 2,794,116
EISENBACH, BERND 2,793,958
EKANAYAKE, ATHULA 2,793,529
ELASHOFF, MICHAEL R. 2,793,210
ELEKTA AB (PUBL). 2,794,126
ELIA, LIRON 2,793,853
ELIACHAR, ELIAHU 2,793,853
ELLEMENT, NATHAN JOHN 2,793,931
EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC. 2,793,772
ENDOU, TAROU 2,793,816
ENDRESS + HAUSER WETZER GMBH + CO. KG 2,793,704
ENERGY SCIENCES, INC. 2,793,696
ENGELTHALER, DAVID 2,793,660
ENNS, JOHN B. 2,792,847
ENTEGRITY LLC 2,792,871
ERIKSSON, THOMAS 2,793,524
ERNST, JAMES 2,793,305
ERTL, THOMAS 2,793,766
ESAKI JUNICHI 2,793,830
ESAKI, JUNICHI 2,793,828
ESOTERIX GENETIC LABORATORIES, LLC 2,793,877
ESSES, LUDLOW 2,793,478
ET INTERNATIONAL, INC. 2,793,537
EVANS, RICHARD H. 2,793,541
EVONIK DEGUSSA GMBH 2,793,564
EVONIK DEGUSSA GMBH 2,793,593
EVONIK DEGUSSA GMBH 2,794,028
EVONIK ROEHM GMBH 2,793,773
EWALD, ERIC W. 2,794,040
EXELIXIS, INC. 2,792,852
EXPRO METERS, INC. 2,792,874
EYSSAUTIER, HYUNJUNG SAMUEL 2,793,968
EZELL, RYAN 2,793,937
F. HOFFMANN-LA ROCHE AG 2,793,970
FAHNENSTICH, HOLGER 2,780,079
FALARDEAU, GUY 2,794,145
FALLON, GARY 2,793,662
FANG, JIAN 2,793,584
FANTIN, VALERIA 2,793,835
FANTIN, VALERIA 2,793,836
FARAG, HANNA O. 2,787,869
FARAM, MICHAEL GUY 2,793,943
FARKAS, ZSOLT 2,793,684
FARRUGIA, LEWIS 2,793,613
FAUBERT, JOCELYN 2,793,902
FAWZY, YASSER 2,793,449
FEILER, ADAM 2,792,971
FENG, WEIDONG 2,793,594
FENNIRI, HICHAM 2,793,181
FERNANDEZ-MARTINEZ, JUAN L. 2,793,124
FERRING B.V. 2,793,485
FERRING B.V. 2,793,502
FEUERSAENGER, MARTIN 2,793,703
FIBRIA CELULOSE S/A 2,793,557
FIEBELKORN, RICHARD 2,793,621
FIEBIG, HEINZ-HERBERT 2,792,198
FINK, JEREMY 2,793,943
FISCHER, THOMAS 2,793,909
FISCHER, VINCENT 2,793,519
FISHER CONTROLS INTERNATIONAL LLC 2,793,592
FLANAGAN, IAN JOHN 2,793,957
FLORACK, DIONISIUS ELISABETH ANTONIUS 2,794,037
FLORES, AGNIESZKA 2,793,727
FLSMIDTH A/S 2,793,603
FLYGARE, JOHN A. 2,793,890
FM MARKETING GMBH 2,793,909
FOLLICA, INC. 2,793,582
FORGIONE, BARBARA 2,793,842
FORSBERG, ANDREAS 2,793,861
FORTEM SOLUTIONS INC. 2,794,057
FOSSUM, RENAE DIANNA 2,793,879
FOUAGOU, YANNICK WILLIAM 2,793,775
FOURNY, SEBASTIEN 2,793,639
FOX, MATTHEW G. 2,793,806
FRANCE, PAUL AMAAT 2,793,152
FRANCHET, JEAN-MICHEL 2,793,463
FRANCHET, JEAN-MICHEL PATRICK MAURICE 2,793,987
FRANKE, MARTIN 2,794,034
FRAZIER, BRENT M. 2,794,138
FREYSSINIER, JEAN PAUL 2,792,869
FRITSCHE, JENS 2,793,490
FRUEH, BERNHARD 2,793,453
FRUEH, KLAUS 2,793,959
FU, SHAO-WEI 2,793,563
FUENTES, JACOB SAUL 2,793,506
FUHS, THOMAS 2,794,104
FUJITSU LIMITED 2,794,068
FUKASAWA, YOSHIHITO 2,793,827
FUKATSU, ATSUSHI 2,793,708
FUKUDA, MOTOHIRO 2,793,971
FULTON, RICHARD EUSTIS, III 2,793,561
FURUTA, SATOSHI 2,793,813
GABA INTERNATIONAL AG 2,793,769
GABRIELSSON, PAER L. T. 2,793,620
GABRIELSSON, PAER L. T. 2,793,632
GABRIELSSON, PAER L. T. 2,793,899
GAGE, JENNIFER LYNN, 2,792,844
GAJJAR, VIPUL RASIKBHAI 2,793,973
GALVIN, KEVIN PATRICK 2,793,867
GANGADHARMATH, UMESH B. 2,794,004
GAO, CHANGDE 2,793,761
GAO, GUANG R. 2,793,537
GAO, XIAOYONG 2,793,594
GAO, YIFU 2,793,761
GARCIA, ROBERTO 2,794,032
GARDNER, CHARLES 2,793,223
GARDNER, CRAIG 2,793,851
GAREF DI BACCHETTA ROGER 2,793,967
GASKIN, THOMAS K. 2,793,694
GATOS, KONSTANTINOS 2,793,611
GE HEALTHCARE BIO-SCIENCES AB 2,793,723
GEBAUER, KLAUS 2,793,723
GEBRESELASSIE, PETROS 2,793,681
GENENTECH, INC. 2,793,503
GENENTECH, INC. 2,793,544
GENENTECH, INC. 2,793,545
GENENTECH, INC. 2,793,892
GENERAL ELECTRIC COMPANY 2,793,190
GENERAL ELECTRIC COMPANY 2,793,719
GENERALE BISCUIT 2,793,915
GENESIS ATTACHMENTS, LLC 2,793,998
GENOMICA S.A.U. 2,793,993
GEORGE, EAPEN 2,792,971
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,793,535
GEROLD, BODO 2,793,568
GERWIG, PHILLIP, L. 2,792,864
GIBBS, TIMOTHY JOHN KENHARDT 2,793,641
GILLOT, JULIEN 2,793,754
GINSBURGH, CHARLES LESTER 2,794,130
GINTHER, DAVID 2,793,518
GIROUX, SIMON 2,794,145
GIUBERCHIO, CARLO 2,793,762
GLAXO GROUP LIMITED 2,793,040
GLOBAL RECYCLE SOLUTIONS, INC. 2,793,478
GOERING, RAINER 2,793,564
GOERING, RAINER 2,793,593
GOERTZ, MAGNUS 2,793,524
GOHDE, JONATHAN A. 2,793,713
GOJO INDUSTRIES, INC. 2,793,876
GOLESH, ERIC D. 2,793,801
GOOGLE INC. 2,793,532
GOOGLE INC. 2,793,903
GOOGLE INC. 2,794,040
GORDON-KAMM, WILLIAM J. 2,793,596

Index des demandes PCT entrant en phase nationale

GORDON-KAMM, WILLIAM J. 2,793,600
GOREN, GAL 2,793,954
GOSSELIN, MARK 2,792,954
GOVERNMENT OF THE USA, AS REPRESENTED BY THE SEC., DEPT. OF HEALTH AND H 2,792,878
GOWDA, G.A. NAGANA 2,793,735
GRAF FERNANDEZ, RODRIGO 2,793,495
GRAF, ANA 2,793,580
GRAHAM PACKAGING COMPANY, L.P. 2,793,850
GRAHAM, DAVID C. 2,793,552
GRAHAM, KEITH 2,789,286
GRANDEURY, ARNAUD 2,793,920
GRASSER, STEFAN 2,794,087
GRATALO, DAWN 2,793,970
GRAUS-PORTA, DIANA 2,793,779
GRAY, JEFF 2,790,785
GRAY, ROSS T. 2,793,849
GRAY, STEPHEN J. 2,793,227
GRAY, STEPHEN J. 2,793,229
GRAY, STEPHEN J. 2,793,230
GRAYSON, SCOTT 2,793,663
GREATPOINT ENERGY, INC. 2,793,893
GREENLEE, WILLIAM J. 2,793,949
GREENLEE, WILLIAM J. 2,794,003
GRIPLOCK SYSTEMS, LLC 2,794,038
GROENDYKE, BRIAN CHRISTOPHER 2,793,577
GRONLUND, PATRICK JEROME 2,793,489
GROSS, STEFAN 2,793,835
GROSS, STEFAN 2,793,836
GROVER, JULIE ANNE 2,792,971
GROVES, ARMOND 2,793,875
GRZYWACZ, PAWEL 2,793,727
GU, YIMIN 2,792,869
GUDE, MARKUS 2,793,975
GUERCIONI, SANTE 2,793,689
GUERCIONI, SANTE 2,793,690
GUERRERO DESIRRE, MARTI 2,793,589
GUERTLER, CHRISTOPH 2,794,087
GUERTLER, ULRICH 2,793,616
GUGERLI, RAPHAEL 2,793,911
GUIMET, LAURENT 2,793,774
GUINA, TINA 2,793,772
GUNDABATHULA, SATISH 2,793,924
GUNJIKAR, TEJAS 2,793,485
GUNZNER, JANET L. 2,793,890
GUO, XIN 2,793,539
GUPTA, SHWETA 2,793,485
GYELTSHEN, SHERUB 2,793,555
GYSLING, DANIEL L. 2,792,874
H. LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE, INC. 2,793,838
HAAKE, ANDRE 2,793,896
HAAKE, OLIVER 2,793,896
HAAKE, PATRICK 2,793,896
HAAKE, VOLKER 2,780,079
HAAS, CARL L. 2,794,020
HACHIYA, SHUNICHIRO 2,793,856
HAI, TON THAT 2,793,493
HAIGH, J. THOMAS 2,793,713
HALDOR TOPSOE A/S 2,793,620
HALDOR TOPSOE A/S 2,793,632
HALDOR TOPSOEE A/S 2,793,899
HALE, KEITH 2,793,858
HALLIBURTON ENERGY SERVICES, INC. 2,793,937
HALOWELL, JOHN E. 2,794,020
HAMAJIMA, MASATO 2,793,827
HAMLIN, RICHARD 2,793,571
HAMMERSTROM, DONALD J. 2,793,989
HAMMOND, CHRISTOPHER J. 2,793,592
HAMMOND, STEVEN RONALD FREDRICK NELSON 2,783,034
HAMOUI, OMAR 2,793,532
HAN, JIN-KYU 2,794,175
HANDY, RACHEL LOUISA CHARLOTTE 2,793,641
HANNA, AARON E. 2,787,869
HANSEN, DAVID 2,793,637
HANSEN, SCOTT G. 2,793,959
HANSSON, STEFAN 2,794,021
HARADA, SHIN 2,793,969
HARBACH, ROY ALLEN 2,792,907
HARBOTTLE, BRUCE DAVID 2,793,486
HARDERS, SYLVIA 2,793,770
HARDING, SUSAN P. 2,794,019
HAREYAMA, NANA 2,793,730
HARING, STEVE M. 2,793,977
HARLEY, ROBERT GUY 2,793,627
HARP, STEVEN A. 2,793,713
HARRIS, JOHN TRAVIS 2,794,111
HARRIS, KEITH J. 2,793,223
HARRISON HYGIENE INC. 2,793,569
HARRISON, BERN 2,793,878
HARRISON, JAMES 2,793,569
HART, DAVID 2,793,637
HARVEY, TIMOTHY NEAL 2,793,937
HASEGAWA, KOJI 2,793,816
HASELHUHN, FRANK 2,794,028
HASHIMOTO, TADAFUMI 2,793,818
HASKINS, DAVID R. 2,793,560
HASSKERL, THOMAS 2,793,773
HAWES, CHRISTOPHER MARTIN 2,793,461
HAWKER, PHILIP 2,793,682
HAYASHIDA, EIJI 2,793,729
HAZEN, MEREDITH C. 2,793,544
HAZLEHURST, LORI 2,793,838
HE, XIAO 2,793,897
HE, ZHIMIN 2,794,040
HEARN, ALEX 2,794,091
HECKENDORN, RENE 2,793,769
HEIM, RUTH A. 2,793,877
HEINDL, FRANK 2,794,028
HEISE, CARLA 2,792,872
HELD, HARALD 2,794,026
HELIAE DEVELOPMENT, LLC 2,793,695
HELIAE DEVELOPMENT, LLC 2,793,926
HELIAE DEVELOPMENT, LLC 2,793,928
HELLYER, TOBIN J. 2,793,144
HEMATI, MEHRDJI 2,793,783
HEMRAZ, USHA DEVI 2,793,181
HENDERSON, ANGELA J. 2,793,657
HENDERSON, JAMES 2,794,145
HENKES, STEFAN 2,780,079
HENSCHKE, JULIAN PAUL 2,793,742
HERAUD, JEAN-PHILIPPE 2,793,653
HERAUD, JEAN-PHILIPPE 2,793,655
HERAUD, JEAN-PHILIPPE 2,793,656
HERBERT, KEITH 2,793,677
HERBOLDSHEIMER, DANIEL ROBERT 2,792,904
HERBOWY, STEVEN LAWRENCE 2,793,488
HERNANDEZ, MELESIO SIDON 2,793,833
HEROLD, MICHAEL MANFRED 2,780,079
HEXCEL COMPOSITES LIMITED 2,793,944
HILL, DAVID GORDON 2,792,871
HILL, JANET ELIZABETH 2,793,906
HILLIGOSS, DANIELLE 2,793,144
HIRATA, YUICHI 2,793,707
HIRATA, YUICHI 2,793,708
HIRSON, RON 2,793,757
HIXSON, AMY 2,792,977
HODGSON, KIM A. 2,793,775
HOELLINGER, MARIE-JOSE 2,793,580
HOFMANN, JOERG 2,794,087
HOGAN, TIMOTHY J. 2,793,693
HOLCOMBE, JAMES MICHAEL 2,793,565
HOLDEN, HAZEL M. 2,793,727
HOLLAND L.P. 2,794,076
HOLLANDE, FREDERIC 2,793,647
HOLSTEIN, BENJAMIN 2,793,904
HONGO, JO-ANNE S. 2,793,544
HOOGMARTENS, IVAN 2,793,628
HOOGMARTENS, IVAN 2,793,787
HOPPER, ERIC FOSTER 2,793,577
HORINE, BENJAMIN MARSHALL 2,793,190
HOSINI, FALAH 2,793,475
HOSODA, MASAYA 2,793,971
HOSONO, TETSUYA 2,793,816
HOUHOU, LEILA 2,793,647
HOUSER, BLUE 2,793,550
HOWARD, JAMES ALEXANDER 2,793,864
HOWARD, PHILIP WILSON 2,793,890
HRUBY, DENNIS E. 2,793,533
HSIAO, SISSIE LING-LE 2,794,040
HUANG, CHUN-MING E. 2,793,846
HUART, GERALD 2,793,514
HUBBARD, MICHAEL JAMES 2,793,698
HUBSCHWERLEN, CHRISTIAN 2,793,975
HUESO, ERNESTO MONIS 2,793,554
HUETTEN, VOLKER 2,793,963
HUGHES, RON 2,793,225
HUGHES, RON 2,793,227
HUGHES, RON 2,793,229
HUGHES, RON 2,793,230
HUNT, NEIL D. 2,792,906
HYDRO INTERNATIONAL PLC 2,793,943
IDDAN, GAVRIEL J. 2,793,853
IFP ENERGIES NOUVELLES 2,793,653
IFP ENERGIES NOUVELLES 2,793,655
IFP ENERGIES NOUVELLES 2,793,656
IINO, TOHRU 2,793,729
IMAMURA, YOSHIMASA 2,793,856
IMBA - INSTITUT FUER MOLEKULARE BIOTECHNOLOGIE GMBH 2,793,586
IMBERT, GEORGES 2,793,580
IMMATICS BIOTECHNOLOGIES GMBH 2,793,490
IMMATICS BIOTECHNOLOGIES GMBH 2,793,601
INNES, STUART MARTIN 2,793,444
INNOVATIER, INC. 2,793,001
INOUE, YOSHIMITSU 2,793,827
INPEX CORPORATION 2,793,706
INPEX CORPORATION 2,793,824
INSTITUT DES VAISSEAUX ET DU SANG 2,793,985

Index of PCT Applications Entering the National Phase

INSTITUT DR. FOERSTER GMBH & CO. KG 2,794,119
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,793,647
INTELED POWER SUPPLY LIMITED 2,794,010
INTERNATIONAL PAPER COMPANY 2,793,941
INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC 2,793,833
INTIRAYMI SILICON TECHNOLOGIES LTD 2,793,788
IRELAND, BARRY ROSS 2,793,447
IRELAND, TANIA 2,793,624
IRVINE, DARRELL J. 2,793,604
IRVITA PLANT PROTECTION N.V. 2,793,514
IRWIN, KENNETH EARL, JR. 2,793,802
IRWIN, KENNETH EARL, JR. 2,793,803
IRWIN, KENNETH EARL, JR. 2,793,804
ISELT, TORSTEN 2,793,704
ISHII, KEN 2,793,530
ISHIKAWA, FUMIYASU 2,793,729
ISHIKAWA, KAZUMITSU 2,793,962
ITCHODA, YOKO 2,793,971
IVANOV, NIKOLAI VALERYEVITCH 2,794,037
IYER, RAJIV 2,793,563
IZQUIETA ARNAUT, JOSE MA 2,777,046
JACOB, STANLEY 2,793,612
JAFFE, IAN 2,793,952
JAIN, PRIYESH 2,793,838
JAKOB, HARALD 2,793,879
JALBOUT, BASSAM D. 2,793,857
JAMIESON, ANDREW 2,793,683
JANKOVIC, IVAN 2,794,121
JANSSENS, TON V. W. 2,793,620
JANSSENS, TON V. W. 2,793,632
JANSSENS, TON V.W. 2,793,899
JANSSON, ANDERS 2,793,524
JAPAN OIL, GAS AND METALS NATIONAL CORPORATION 2,793,706
JAPAN OIL, GAS AND METALS NATIONAL CORPORATION 2,793,824
JAPAN PETROLEUM ENERGY CENTER 2,793,807
JAPAN PETROLEUM EXPLORATION CO., LTD. 2,793,706
JAPAN PETROLEUM EXPLORATION CO., LTD. 2,793,824
JAY, RAYMOND G. 2,794,138
JENSON, MARK L. 2,793,839
JEONG, HYEONKUK 2,794,032
JIANG, CONG 2,793,493
JIANG, MAY XIAOWU 2,793,697
JIANG, XUEZHAO 2,793,788
JIN, HONGFAN 2,793,978
JIN, SHENGFANG 2,793,835
JIN, SHENGFANG 2,793,836
JIN, YINGHUA 2,793,558
JK NIPPON OIL & ENERGY CORPORATION 2,793,706
JK NIPPON OIL & ENERGY CORPORATION 2,793,807
JK NIPPON OIL & ENERGY CORPORATION 2,793,813
JK NIPPON OIL & ENERGY CORPORATION 2,793,824
JO, JAEYOUNG 2,794,017
JO, KANG SEON 2,794,017
JOE, SIYEONG 2,794,017
JOHANNESSEN, KJETIL 2,793,722
JOHANNSEN, ERIC J. 2,793,895
JOHANNSEN, ERIC J. 2,793,988
JOHN CRANE INC. 2,792,914
JOHNSON & JOHNSON VISION CARE, INC. 2,792,847
JOHNSON, IAN FREDERICK 2,793,554
JOHNSTON, CHRISTOPHER LEE 2,793,868
JONES, D. PATRICK 2,794,000
JONSSON, TOMAS U 2,793,542
JORGENSEN, ROBERT JAMES 2,793,693
JORGENSEN, ROBERT JAMES 2,793,888
JOUBERT, DOMINIQUE 2,793,647
JU, WILLIAM 2,793,582
JULIAA, JEAN-FRANCOIS 2,793,774
JUNUTULA, JAGATH R. 2,793,544
JUNZUO, WANG 2,793,768
JURGENSON, GABRIELA ALVAREZ 2,793,499
KABA GALLENSCHUTZ GMBH 2,793,453
KABUSHIKI KAISHA POWREX 2,793,816
KABUSHIKI KAISHA YAKULT HONSHA 2,793,729
KAGA, DAISUKE 2,793,856
KAJINAMI YOSHITOMO 2,793,830
KALE, ANIKET 2,793,695
KALE, ANIKET 2,793,926
KALE, ANIKET 2,793,928
KALJURA, KARL 2,793,662
KAMADA, HITOSHI 2,793,816
KAMADA, MAKOTO 2,793,525
KAMINSKI, JOSEPH 2,793,221
KAMLAGE, BEATE 2,780,079
KAMPF, JAMES PATRICK 2,790,785
KANG, FEIRONG 2,792,852
KANOLE, YOGESH 2,794,027
KAO CORPORATION 2,793,519
KARANDINOS, ANTHONY 2,793,611
KARANIKAS, JOHN MICHAEL 2,793,673
KARANIKAS, JOHN MICHAEL 2,793,883
KAREHED, KARIN 2,793,919
KARHUNEN, PIRKKO 2,793,651
KARLIK, DANIEL J. 2,793,635
KARLSSON, JOHN 2,793,524
KARLSSON, PER 2,793,562
KAROLINSKA INSTITUTET INNOVATIONS AB 2,793,919
KAS, KOEN 2,793,487
KASAI, MASANORI 2,793,534
KASI, DHANALAKSHMI 2,794,004
KATO HIROYUKI 2,793,830
KATO, HIROYUKI 2,793,828
KATO, KOJI 2,793,856
KAUKE, LARS 2,793,747
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,793,966
KAYABA SYSTEM MACHINERY CO., LTD. 2,793,718
KEARBEY, JEFFREY 2,793,999
KEIM, PAUL 2,793,660
KELLER, ERIC 2,794,104
KELLER, LISA M. 2,793,144
KELLEY, MICHAEL WAYNE 2,794,000
KELLEY, ROBERT F. 2,793,503
KELLNER, JUSTIN 2,794,111
KELLOGG, SCOTT C. 2,793,582
KELLY, JOHN MICHAEL 2,793,554
KELTER, GERHARD 2,792,198
KESTER, JEFFREY JOHN 2,793,529
KEYSTONE DENTAL, INC. 2,793,609
KHAN, RISHI LEE 2,793,537
KHORSANDI, MEHRAN 2,794,064
KHORSANDI, MEHRAN 2,794,078
KHORSANDI, MEHRAN 2,794,080
KHUNT, MAYUR DEVJIBHAI 2,793,948
KIDANE, ARGAW 2,793,777
KIDOKORO, MOTONORI 2,793,525
KIESEL, MARK J. 2,793,895
KIESEL, MARK J. 2,793,988
KILIC, ONUR 2,793,452
KILPELAEINEN, ILKKA 2,793,651
KIM, GRACE MYONG 2,793,916
KIM, JEWOO 2,794,169
KIM, JIN-KI 2,793,922
KIM, SUN-MIN 2,793,720
KIM, YONG-HWAN 2,794,169
KIM, YOUN-SUN 2,794,175
KIND CONSUMER LIMITED 2,794,091
KINDT-LARSEN, TURE 2,792,847
KING, ALISTAIR 2,793,651
KING, DARREN FRANKLIN 2,793,577
KINO, GORDON S. 2,793,452
KINOSHITA, HIROSHI 2,793,715
KINTNER-MEYER, MICHAEL C.W. 2,793,989
KISHIDA, MASAMICHI 2,793,523
KISSNE HORVATH ILDIKO 2,793,684
KITO CORPORATION 2,793,962
KJAERRAN, KNUT 2,793,861
KLAPPACH, KRISTIN 2,793,687
KLEIN, BJARKE MIRNER 2,793,502
KLEIN, GILLES 2,793,463
KLEIN, GILLES CHARLES CASIMIR 2,793,987
KLEIN, THEODORE M. 2,793,600
KLIPPEL-GIESE, ANKE 2,793,778
KNAUF INSULATION GMBH 2,793,795
KNEPPLE, RONNY 2,793,907
KOBAYASHI, JUN 2,793,523
KOEHLER, BURKHARD 2,794,087
KOHLE, HANS-JURGEN 2,793,879
KOLB, HARTMUTH C. 2,794,004
KOLDOVSKY, URSULA 2,793,458
KOMARNYTSKY, SLAVKO 2,793,218
KONG, LAVAL CHAN CHUN 2,794,145
KOONTZ, JOHN 2,793,618
KOONTZ, JOHN 2,793,622
KOOPFERSTOCK, JOSHUA 2,794,057
KOREA ELECTRONICS TECHNOLOGY INSTITUTE 2,794,169
KOSKI, GARY K. 2,793,458
KOSS, TIM 2,793,961
KOTOWSKI, ANDREAS 2,793,227
KOTOWSKI, ANDREAS F. 2,793,225
KOTT, KEVIN LEE 2,793,879
KOTTE, ULRIKE 2,793,879
KOTZUR, NORBERT 2,794,122
KOZLOWSKI, JOSEPH A. 2,793,949
KOZLOWSKI, JOSHEPH A. 2,794,003
KRAFT FOODS R&D, INC. 2,793,211

Index des demandes PCT entrant en phase nationale

KRAL, RICHARD F. 2,794,076
KREATSOULAS, CONSTANTINE 2,793,900
KROLIK, JEFF 2,793,737
KRPF, HUGO 2,794,065
KUHMANN, KARL 2,793,564
KUHMANN, KARL 2,793,593
KUMAR, SARIDI MADHAVA DILEEP 2,793,359
KUNDU, SAMAR KUMAR 2,794,130
KUPATT, CHARLES CHRISTIAN 2,793,731
KURARAY CO., LTD. 2,793,971
KVIST, NIKLAS 2,793,524
KWAST, RYAN 2,794,038
KYOTO UNIVERSITY 2,793,818
L & P PROPERTY MANAGEMENT COMPANY 2,793,567
L-3 COMMUNICATIONS AVIONICS SYSTEMS, INC. 2,793,929
LAAKKONEN, PERTTU 2,793,982
LABOULFIE, FABIEN 2,793,783
LACY, MICHAEL 2,793,772
LADEMANN, HELMUT 2,793,573
LAFORTE, CHRISTIAN 2,794,057
LAFORTE, GUILLAUME 2,794,057
LAMB, DAVID 2,793,493
LAMOUREUX, MARC A. 2,793,552
LAMURE, ALAIN 2,793,783
LAND O'LAKES PURINA FEED LLC 2,793,176
LANDRY, MICHAEL E. 2,793,606
LAPALU, LAURENCE 2,793,770
LATHIA, BHAVNISH 2,794,085
LAVEY, BRIAN J. 2,793,949
LAVEY, BRIAN J. 2,794,003
LE ROUX, GERHARD 2,793,662
LEDERMAN, SETH M. 2,793,582
LEFRANCOIS, MICHEL 2,793,774
LEGGETT, DAVID 2,793,526
LEGGETT, DAVID 2,793,527
LEI, MING 2,794,040
LEIBOWITCH, JACQUES 2,793,749
LEIBOWITCH, JACQUES 2,793,751
LEICA GEOSYSTEM AG 2,793,979
LEICA GEOSYSTEM AG 2,794,122
LEICA GEOSYSTEMS AG 2,793,572
LEISEDER, ULRICH 2,793,575
LELY PATENT N.V. 2,793,860
LETVIN, PETER ALLEN 2,792,904
LEUENBERGER, BRUNO 2,793,783
LI, ANG 2,793,697
LI, CHIANG JIA 2,793,526
LI, CHIANG JIA 2,793,527
LI, WEI 2,793,526
LI, WEI 2,793,527
LI, YOUZHI 2,793,526
LI, YOUZHI 2,793,527
LIANG, GUANGHUI 2,793,895
LIANG, GUANGHUI 2,793,988
LIENHART, WERNER 2,794,122
LIFECELL CORPORATION 2,793,585
LIFENET HEALTH 2,793,671
LILACH, NIR 2,793,853
LILLY, DON 2,793,478
LIN, GAOFENG 2,794,082
LIN, JEN C. 2,793,885
LIN, PEISHAN 2,793,949
LIN, RONGSHENG 2,793,661
LINK, KRISTIAN HURD 2,793,970
LIPPUNER, HEINZ 2,793,572
LITTLE, THOMAS L. 2,792,844
LIU, BINGCAN 2,794,145
LIU, CHANGHUI 2,794,004
LIU, MIKE 2,793,585
LIU, YUANLIAN 2,793,742
LOCHSCHMIDT, JORG 2,793,904
LOCK, KAM LUN 2,793,691
LOCK, KAM LUN 2,793,986
LOEHR, JOACHIM 2,793,703
LOHMAN, JULIA WINSLOW 2,793,897
LONG, MICHAEL A. 2,793,734
LOOYMANS, PETER 2,793,915
LOPEZ PENA, FERNANDO 2,793,981
LORD, GARFIELD R. 2,793,914
LOTTI, RICHARD 2,793,561
LOWE, KEITH S. 2,793,596
LOWE, KEITH S. 2,793,600
LOWFOOT INC. 2,783,034
LOWRY, KARL 2,793,356
LSI INDUSTRIES, INC. 2,793,857
LU, XIN 2,793,773
LUBELL, WILLIAM 2,793,683
LUEER, ANDREAS 2,793,553
LUTONIX, INC. 2,793,832
LUTZ, BARRY R. 2,793,672
LUXOTTICA US HOLDINGS CORPORATION 2,793,855
LYNN, JIM R. 2,793,185
M.I.C. INDUSTRIES, INC. 2,793,623
M.I.C. INDUSTRIES, INC. 2,793,626
MACDONALD, DUNCAN CHARLES 2,793,673
MACK, ARTHUR G. 2,793,768
MACKLEY, MALCOLM ROBERT 2,794,088
MACLAUGHLIN, SCOTT 2,793,782
MACLAUGHLIN, SCOTT 2,793,784
MADDEN, JOHN D.W. 2,793,579
MADERO, PAUL 2,794,111
MAGOTTEAUX INTERNATIONAL S.A. 2,793,875
MAIDMENT, BARRY, ALAN 2,794,100
MAIER, FERDINAND 2,793,909
MAJUMDER, KAUSTAV 2,793,800
MANDEAU, ANNE 2,794,115
MANGUM, JONATHAN EDWARD 2,793,698
MANO, NICOLAS 2,794,163
MAO, YONG 2,793,585
MARATHAN OIL COMPANY 2,793,496
MARCINKOWSKI, STANLEY MICHAEL 2,793,152
MAREK, PATRICK M. 2,794,005
MARGHERITA INVENTIONS S.R.L. 2,793,762
MARIAN, MICHELLE 2,794,092
MARINO, MARIAN 2,793,883
MARLOVITS, THOMAS C. 2,793,586
MARRACCINI, JAMES J. 2,794,000
MARSDEN, JAMES 2,793,950
MARSHALL, SARAH 2,793,491
MARSHALL, SARAH 2,793,679
MARSHALL, SARAH 2,793,680
MARSHALL, SARAH 2,793,681
MARTUCCI, JAMES P. 2,794,143
MASEL, RICHARD I. 2,794,105
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,793,604
MASSON, RICHARD 2,793,463
MASSON, RICHARD 2,793,767
MASSON, RICHARD 2,793,987
MASSOQUETE, ADEMILSON 2,793,557
MASTERCARD INTERNATIONAL INCORPORATED 2,794,100
MASTERS, NIGEL FRANCIS 2,793,691
MASTERS, NIGEL FRANCIS 2,793,986
MASTERSON, LUKE 2,793,890
MASUOKA, NORIE 2,793,729
MATEESCU, MIRCEA ALEXANDRU 2,793,685
MATHUR, TARUN 2,794,025
MATIJASEVIC, MARIO 2,793,960
MATIKAINEN, JORMA 2,793,651
MATSUI, TOMOKO 2,794,095
MATSUMOTO YASUHIRO 2,793,830
MATSUMOTO, MARISSA L. 2,793,503
MATSUMOTO, YASUHIRO 2,793,828
MAURER, ERIC 2,793,878
MAXWELL, JOHN 2,794,145
MAYHILL, SHANE A. 2,794,076
MAZOYER, ETIENNE 2,794,109
MAZOYER, ETIENNE 2,794,118
MCBRIDE, KEVIN E. 2,793,600
MCCANN, THOMAS 2,794,104
MCCARTY, BRYAN RHEA 2,792,904
MCCLOUGHAN, KELLEY A. 2,793,533
MCKERSIE, BRYAN 2,780,079
MCLAUGHLIN, BRIAN 2,794,104
MCLAUGHLIN, MARK 2,793,838
MCMILLAN, JOHN 2,793,559
MCMILLAN, PATRICK J. 2,793,806
MCNALLY, TOMMY 2,793,550
MCNEEL, THOMAS E. 2,793,614
MCNEIL, ROBERT IRVING, III 2,793,883
MCPHERSON, PAUL 2,790,785
MCSWEYN, CHRISTOPHER 2,793,120
MCTAGGART, NATALIE 2,794,143
MEAD, BARRY 2,793,990
MEBANE, ROBERT EUGENE, III 2,793,744
MEDCOMB HOLDINGS APS 2,793,470
MEDESTEA RESEARCH & PRODUCTION S.P.A. 2,793,688
MEDICAL RESEARCH COUNCIL 2,793,643
MEDICAL RESEARCH COUNCIL 2,793,934
MEDICAL UNIVERSITY OF SOUTH CAROLINA 2,794,018
MEDTRONIC MINIMED, INC. 2,793,540
MEDTRONIC XOMED, INC. 2,794,005
MEGAPLAST S.A. PACKAGING MATERIALS INDUSTRY 2,793,611
MEHLEN, PATRICK 2,793,750
MELLOR, MITCHELL L. 2,793,734
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,793,753
MENZEL, JOHANNES 2,793,638
MERCANGOEZ, MEHMET 2,794,025
MERCK SHARP & DOHME CORP. 2,793,697
MERCK SHARP & DOHME CORP. 2,793,900
MERCK SHARP & DOHME CORP. 2,793,949

Index of PCT Applications Entering the National Phase

MERCK SHARP & DOHME CORP. 2,794,003
MERCK, ERIK S. 2,794,030
MERIAL LIMITED 2,793,880
MERIZZI, GIULIA FEDERICA 2,793,688
MERRILL, DAN 2,793,935
MERSEL, MARCEL 2,793,940
MERTOGLU, MURAT 2,793,687
MERWALD, EDWARD J. 2,793,592
MESSIER-BUGATTI-DOWTY 2,793,463
MESSIER-BUGATTI-DOWTY 2,793,767
MESSIER-BUGATTI-DOWTY 2,793,987
METZGER, MICHAEL 2,794,026
METZLER, BERNHARD 2,793,979
MEYERHOFER, ERIC JAMES 2,793,748
MICHALCZUK, JACEK 2,793,190
MICHAUD, PASCAL 2,793,639
MICROSOFT CORPORATION 2,793,539
MICROSOFT CORPORATION 2,793,588
MICROSOFT CORPORATION 2,793,617
MIGLIAZZA, JOHN F. 2,794,121
MIHORI, HISASHI 2,793,827
MIKKELSEN, SVEND ERIK 2,793,632
MIKKELSEN, SVEND ERIK 2,793,899
MIKKELSEN, SVEND-ERIK 2,793,620
MILLER, DUANE D. 2,793,999
MILLER, MICHAEL W. 2,793,949
MILLER, MICHAEL W. 2,794,003
MILLER, SARAH 2,793,578
MINASI, MICHAEL ROBERT 2,794,092
MISHIN, OLEG 2,793,538
MISHRA, PRABHU DUTT 2,792,198
MISHRA, SHASHI 2,793,531
MISTRY, GAURAV NAVINBHAI 2,793,973
MITCHELL, LEAH 2,793,657
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,793,530
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,793,718
MIURA, MASANORI 2,793,856
MIYACHI, ATSUSHI 2,793,715
MIYAMOTO, YOHEI 2,793,859
MIYAZAKI, TOMIHITO 2,793,969
MOCKENHAUPT, MARTIN 2,794,045
MOHAMMED ABDUL, SHAFEE 2,792,198
MOHR, BYRON L. 2,793,717
MONGE, MAURO 2,793,475
MONITZ, RIVKA 2,793,952
MONKS, DEBORAH J. 2,793,591
MONRO, STUART 2,793,921
MONRO, STUART ALEXANDER 2,794,120
MONTI, PASCALE 2,793,624
MOOG UNNA GMBH 2,793,747
MOON, JAEHYUN 2,793,604
MOORE, KEITH P. 2,793,900
MORAGA QUINTANILLA, ANA ISABEL 2,793,993
MOREL, FREDERIC 2,793,653
MOREL, FREDERIC 2,793,655
MOREL, FREDERIC 2,793,656
MORELLI, LARRY MICHAEL 2,793,489
MORELLO, FREDERICK 2,793,623
MORI, CRISTIAN 2,794,156
MORICE, LUDOVIC 2,793,774
MORISSET-LOPEZ, SEVERINE 2,793,794
MORITOMO, HIROYUKI 2,793,856
MORPHO 2,793,659
MORRIS, MARK A. 2,794,145
MORRIS, RONALD G. 2,793,937
MORTON, SAMUEL 2,793,938
MOSAID TECHNOLOGIES INC. 2,793,927
MOSAID TECHNOLOGIES INCORPORATED 2,793,738
MOSAID TECHNOLOGIES INCORPORATED 2,793,917
MOSAID TECHNOLOGIES INCORPORATED 2,793,922
MOSCOVITCH, JERRY 2,794,049
MOSSNER, WOLFGANG 2,793,913
MOTOROLA, INC. 2,793,591
MOWREY, EARLE R. 2,793,694
MOXIMED, INC. 2,793,606
MUECK, MARKUS 2,793,886
MUELLER, GERT R.J. 2,793,795
MUELLER, NICOLE 2,793,599
MUELLER, THOMAS ERNST 2,794,087
MUGGENTHALER, PETER 2,793,901
MURASE, TAKAYO 2,793,715
MURPHY, ERIC A. 2,794,086
MUSSER, ROBERT C. 2,793,176
MUTOU, YOSHIHIKO 2,793,966
MYTLE, NUTAN 2,793,772
NADGERI, VIJAY 2,794,027
NAGAN, NARASIMHAN 2,793,877
NAGATA, TSUTOMU 2,793,523
NAGY, ARPAD MIKLOS 2,793,684
NAGY, ATTILA ZOLTAN 2,793,684
NAKAGAITO, ANTONIO NORIO 2,793,818
NAKAHARA, KOICHI 2,793,822
NAKAHARA, KOICHI 2,793,946
NAKAMURA, KEVIN 2,790,785
NAKAO, KAORU 2,793,709
NAKAO, KAORU 2,793,730
NAKAO, KAORU 2,793,859
NALCO COMPANY 2,793,849
NANTERMET, PHILIPPE G. 2,793,900
NAPIER, HUGO 2,794,038
NARANG, MOHIT 2,793,511
NARENDRAN, NADARAJAH 2,792,869
NATIONAL OILWELL VARCO, L.P. 2,793,744
NATIONAL OILWELL VARCO, L.P. 2,793,764
NATIONAL RESEACH COUNCIL OF CANADA 2,793,181
NAUTILUS, INC. 2,793,801
NECHYPORENKO, VASYL A. 2,793,837
NELLCOR PURITAN BENNETT LLC 2,793,782
NELLCOR PURITAN BENNETT LLC 2,793,784
NELSON, DYLAN 2,793,533
NELSON, RUSSELL W. 2,793,185
NEONODE INC. 2,793,524
NERRETER, STEFAN 2,794,034
NESTEC S.A. 2,794,022
NESTEC S.A. 2,794,023
NESTEC S.A. 2,794,075
NETFLIX, INC. 2,792,906
NETRIS PHARMA 2,793,750
NEUROVISION IMAGING, LLC 2,793,874
NEWBOWER, RONALD S. 2,793,898
NEWCASTLE INNOVATION LIMITED 2,793,867
NEWMAN, LEE 2,792,933
NEWTON, SCOTT B. 2,793,618
NFUSION VASCULAR SYSTEMS, LLC 2,793,561
NGUYEN, DUY P. 2,793,934
NGUYEN, LONG Q. 2,793,615
NGUYEN, LONG Q. 2,793,618
NICHOLAS, CHRISTOPHER P. 2,794,109
NICHOLAS, CHRISTOPHER P. 2,794,118
NICOLAISEN, ANDREA 2,793,609
NIEDERER, EDWARD, III 2,793,744
NIEDERST, JEFFREY 2,793,541
NIKE INTERNATIONAL LTD. 2,793,599
NILSSON, URBAN 2,794,022
NILSSON, URBAN 2,794,023
NILSSON, URBAN 2,794,075
NINDL, DANIEL 2,794,122
NIPPON PAPER INDUSTRIES CO., LTD. 2,793,818
NIPPON STEEL ENGINEERING CO., LTD 2,793,706
NIPPON STEEL ENGINEERING CO., LTD 2,793,824
NISHIGUCHI, TARO 2,793,969
NISHIMURA, MASUHIRO 2,793,951
NISSAN, ODED 2,793,954
NO-BULL ENTERPRISES LLC 2,792,907
NOBLE, RICHARD D. 2,793,558
NOEL, JUSTIN MICHAEL 2,793,627
NOER, TORBEN 2,793,792
NOGUCHI, KENGO 2,793,523
NOKIA CORPORATION 2,793,956
NOLTE, MARC 2,793,687
NONY, PASCALE 2,793,750
NORCOTT, ALISON RUTH 2,793,554
NORDHAUS, MARK 2,793,493
NORDKALK OY AB 2,794,128
NORGAARD, JENS PETER 2,793,502
NORMAN, EMILY 2,793,719
NORRGA, STEFAN 2,793,542
NORTON, CLIVE RICHARD THOMAS 2,793,679
NORTON, CLIVE RICHARD THOMAS 2,793,681
NOVAK, ROBERT 2,793,699
NOVARTIS AG 2,793,510
NOVARTIS AG 2,793,578
NOVARTIS AG 2,793,580
NOVARTIS AG 2,793,636
NOVARTIS AG 2,793,779
NOVARTIS AG 2,793,920
NOVOSELAC, VEDRAN 2,793,960
NOVOZYMES A/S 2,794,095
NOVOZYMES A/S 2,794,113
O'BRIEN, RICHARD C. 2,793,713
O'BRIEN, ROBERT M. 2,793,541
O'HAGAN, DEREK 2,793,510
O'NEILL, MICHAEL H. 2,793,533
OAKLEY, INC. 2,793,518
OBERTHUR FIDUCIAIRE SAS 2,793,754
OCAMPOS, ERNESTO RAFAEL 2,793,673
ODAKA, HIROYUKI 2,793,718
ODELL, RICHARD B. 2,793,734
OETTER, GUNTER 2,793,499
OGISO, HIROYUKI 2,793,708
OGURA, DAISUKE 2,793,530
OISHI, KAREN KEIKO 2,794,037
OKAMOTO, MASAYUKI 2,793,715
OKAMOTO, RYUHJI 2,793,715
OKITA, KYOKO 2,793,969
OKSENBERG, DAVID A. 2,793,945
OLEYNIK, MATTHEW 2,793,570
OLSSON, MAGNUS 2,794,021
OMEROS CORPORATION 2,792,844
ONCOTEST GMBH 2,792,198
ONISHI, YOSHIYUKI 2,793,523

Index des demandes PCT entrant en phase nationale

OPPONG, DAVID 2,793,614
OPTONOL LTD. 2,793,954
OREGON HEALTH & SCIENCE UNIVERSITY 2,793,959
OROZCO, DANIEL 2,793,537
OSHIMA, MASASHI 2,793,528
OTA, TAKAHIRO 2,793,530
OTISMED CORPORATION 2,793,538
OTSUKA PHARMACEUTICAL FACTORY, INC. 2,793,951
OTSUKA, YUKIO 2,793,807
OWENS, RICK T. 2,793,585
OYAKAWA, DANILO 2,793,557
PAGIRE, HAUSHABHAU SHIVAJI 2,793,948
PAI, SURESH 2,793,737
PAINTER, CARLY LOUISE 2,793,866
PALFINGER, WERNER 2,794,119
PALIT, ATANU 2,793,531
PALIWAL, SUNIL 2,793,697
PALLAORO, MICHELE 2,793,510
PALM, ERICH 2,793,494
PALOKANGAS, JUHA 2,793,982
PAN, WAYNE 2,793,532
PANACCIO, LUIGI 2,794,010
PANASONIC CORPORATION 2,793,703
PANCHAUD, PHILIPPE 2,793,975
PANETTA, RICHARD 2,793,908
PANETTA, RICHARD 2,793,910
PANKUCSI, CSABA LASZLO 2,793,684
PANTELIDES, CHRIS P. 2,793,733
PANTFOERDER, ACHIM 2,793,511
PANTREON GMBH 2,793,553
PARK, ANTHONY N. 2,792,906
PARK, ILWHAN 2,793,538
PARNHAM, EMILY RUTH 2,793,356
PARRY, THOMAS OWEN 2,793,711
PATEL, PREMAL H. 2,793,545
PATIL, NILESH SUDHIR 2,793,948
PATTISON, TAMARA RUTH 2,794,092
PAYNE, CHARLES N. 2,793,713
PAZ LOPEZ, ALEJANDRO 2,793,981
PCAS PATIENT CARE AUTOMATION SERVICES INC. 2,793,908
PCAS PATIENT CARE AUTOMATION SERVICES INC. 2,793,910
PEAL, VALERIE ELIZABETH 2,793,641
PEARCE, LARRY V. 2,792,878
PEAT, ROBERT 2,793,682
PEDROSA DIAZ, PABLO 2,793,589
PELVALON, INC. 2,793,488
PENN UNITED TECHNOLOGIES, INC. 2,794,000
PENTELOVITCH, NOAH 2,793,531
PEPSICO INC. 2,792,971
PEREIRA, DAVID E. 2,793,884
PEREIRA, OSWY Z. 2,794,145
PERL, MATTHIAS 2,793,736
PERRON, NATHAN R. 2,794,018
PERTEN, HERBERT 2,793,865
PERVAN, DARKO 2,793,863
PETERSON, AMY C. 2,793,545
PETERSON, DAVID J. 2,793,596
PETREMANN, MATHIEU 2,793,647
PETTERSSON, ROBERT 2,793,524
PETTIT, GEORGE H. 2,793,636
PFENEX INC. 2,793,978
PHILIP MORRIS PRODUCTS S.A. 2,794,037
PHILLIPS, DAVID 2,793,531
PHILLIPS, JASON R. 2,793,977
PHOTOBIOTICS LIMITED 2,793,797
PICKER, LOUIS 2,793,959
PICKUP, DAVID 2,793,574
PIERRE FABRE DERMO-COSMETIQUE 2,794,115
PILAT, MIROSLAW 2,793,190
PINNACLE SPINE GROUP, LLC 2,793,185
PINO, LUAN 2,793,970
PIONEER HI-BRED INTERNATIONAL, INC. 2,793,596
PIONEER HI-BRED INTERNATIONAL, INC. 2,793,600
PIRAMAL IMAGING SA 2,789,286
PIRAMAL LIFE SCIENCES LIMITED 2,792,198
PITTET, MICHEL 2,793,972
PITTET, MICHEL 2,793,976
PIXELOPTICS, INC. 2,793,881
PLANSEE SE 2,793,736
PLAYFAIR, PHILIP ANDREW ROSS 2,783,034
PLESCH, GUNNAR 2,780,079
PLUM, LORI A. 2,793,727
POCHIC, SEBASTIEN 2,794,100
PODOLSKI, JOSEPH S. 2,793,712
POISSON, CARL 2,794,145
POLAKIS, PAUL 2,793,890
POLCIK, PETER 2,793,736
POLI, GREGORY B. 2,793,223
POLLARD, RICHARD 2,793,883
POLLICK, RICHARD DUANE 2,794,000
POLSON, ANDREW 2,793,890
POLZER, CONRAD 2,793,736
POPE, GARY A. 2,793,499
PORNPATTANANANGKUL, DISSAYA 2,793,846
PORSZASZ, ROBERT KRISTOF 2,793,684
PORTER, JOHN 2,794,104
PORTO, RITA DE CASSIA BORTOTO 2,793,614
POURIAN, NEEMA 2,793,531
POWELL, P. MARK 2,792,847
POWERS, COLIN 2,793,959
POZZI, CARLO MASSIMO 2,794,037
PPG INDUSTRIES OHIO, INC. 2,793,560
PPG INDUSTRIES OHIO, INC. 2,793,691
PPG INDUSTRIES OHIO, INC. 2,793,986
PRADHAN, NITIN SHARADCHANDRA 2,793,948
PRASAD, MOHAN 2,793,359
PRATT, RICHARD M. 2,793,989
PREELUMINA DIAGNOSTICS AB 2,794,021
PRESSET, ALAIN 2,793,921
PRICE PFISTER, INC. 2,787,869
PROEVE, OLAF 2,794,116
PRONOTA N.V. 2,793,487
PROUVOST, BENOIT 2,793,541
PSION INC. 2,794,065
PUAH, CHUM MOK 2,793,923
PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY 2,793,971
PUNNOOSE, ELIZABETH 2,793,892
PURDUE RESEARCH FOUNDATION 2,793,735
PUROHIT, PARVA YOGESHCHANDRA 2,793,973
PUTHIAPARAMPIL, TOM THOMAS 2,794,097
PUZIO, PIOTR 2,780,079
PYEON, HONG BEOM 2,793,738
PYEON, HONG BEOM 2,793,917
PYEON, HONG BEOM 2,793,927
QIN, XIAOFEI 2,793,671
QUANTUM PHARMACEUTICALS LTD. 2,793,555
QUARELLA, MICHAEL 2,794,030
QUIGNARD, ALAIN 2,793,653
QUIGNARD, ALAIN 2,793,655
QUIGNARD, ALAIN 2,793,656
QUINIOU, CHRISTIANE 2,793,683
QUINN, JONATHAN G. 2,794,092
RAAB, HELGA E. 2,793,890
RADICS, JULIA 2,793,586
RAFTERY, M. DANIEL 2,793,735
RAIHALA, DANIEL J. 2,793,998
RAILKAR, SUDHIR 2,793,649
RAINKA, MATTHEW PAUL 2,793,697
RAJ, ASHWIN 2,793,506
RAJU, MUPPALA SARVESWARA 2,794,097
RAKOTOARIVELO, CLOVIS 2,793,940
RAMADAN, SAMAH 2,793,144
RAMALINGAM, HARSHA 2,794,085
RAMAN, PATTABHI K. 2,793,893
RAMANATH, SRINIVASAN 2,793,552
RANBAXY LABORATORIES LIMITED 2,793,359
RANGWALLA, IMTIAZ J. 2,793,696
RANOCCHIA, ROMOLO 2,793,557
RAO, DEEPAK 2,793,539
RAO, RAM DAS S. 2,794,030
RAPISCAN SYSTEMS, INC. 2,793,221
RAPISCAN SYSTEMS, INC. 2,793,225
RAPISCAN SYSTEMS, INC. 2,793,227
RAPISCAN SYSTEMS, INC. 2,793,229
RAPISCAN SYSTEMS, INC. 2,793,230
RAPPUOLI, RINO 2,793,510
RASKIN, ILYA 2,793,218
RASMUSSEN, MICHAEL H. 2,794,138
RAUSCH, RALF 2,794,028
RAWSON, JAMES RULON YOUNG 2,793,719
REAVELEY, LAWRENCE D. 2,793,733
RECHERCHE 2000 INC. 2,793,573
RECKER, ROGER L. 2,793,895
RECKER, ROGER L. 2,793,988
RECKITT BENCKISER N.V. 2,793,348
REDDY, JAGADEESWAR 2,794,145
REED, EDDIE 2,793,521
REEH, JENS-UWE 2,793,991
REFLEX PHOTONICS INC. 2,793,563
REGUERA, GEMMA 2,793,194
REIB, ROBERT 2,793,693
REID, SEAN OLIVER EDWARD 2,793,356
REIERSON, KRISTOFER H. 2,793,588
REIL, VLADIMIR 2,793,362
REILING, STEPHAN 2,793,223
REIS, NUNO MIGUEL FERNANDES 2,794,088
REISER, MIRIAM 2,793,578
REKAYA, NACEUR 2,793,705
REKAYA, NACEUR 2,793,790

Index of PCT Applications Entering the National Phase

REKOSKE, JAMES E. 2,794,109
REKOSKE, JAMES E. 2,794,118
RELYPSA, INC. 2,793,862
REN, PEIFENG 2,793,559
RENDERS, EDDY 2,793,915
RENNECKENDORF, VOLKER 2,793,785
RENSSELAER POLYTECHNIC INSTITUTE 2,792,869
RENSSELAER POLYTECHNIC INSTITUTE 2,793,725
REPROS THERAPEUTICS INC. 2,793,712
RESEARCH IN MOTION LIMITED 2,793,699
RESEARCH IN MOTION LIMITED 2,793,711
RESEARCH IN MOTION LIMITED 2,793,965
RETALLACK, DIANE M. 2,793,978
REYES, CARLOS D. 2,793,518
REYNOLDS, TIMOTHY RAY 2,793,855
RICHARDSON, GARY A. 2,793,844
RICHARDSON, JOHN 2,793,662
RICHARDSON, JONATHAN W. 2,793,592
RICOH COMPANY, LTD. 2,793,528
RIEGERT, CHRISTIAN 2,793,920
RILEY, JONATHAN 2,793,921
RILEY, WALTER 2,793,858
RINALDI, VITO 2,793,700
RINALDI, VITO 2,793,710
RIOJA, ROBERTO J. 2,793,885
RIVERSINGLABS CORPORATION 2,793,960
RIVIERE, MARIE-EMMANUELLE 2,793,580
ROBB, JOHN 2,793,356
ROBINSON, EARL T. 2,793,893
ROCK CREEK PHARMACEUTICALS, INC. 2,794,097
RODGERS, CLIVE EDWARD 2,793,511
RODGERS, KATHLEEN E. 2,793,515
ROE, MICHAEL BRYAN 2,793,641
ROES, AUGUSTINUS WILHELMUS MARIA 2,793,883
ROESMANN, TOBIAS 2,793,747
ROHLFS, ELIZABETH M. 2,793,877
ROHRER, BAERBEL 2,794,018
ROIG SERRA, JAVIER 2,793,589
ROINE, JUHO 2,794,125
ROJO MORENO, JOSE ANDRES 2,793,879
ROLFE, PETER 2,793,578
ROLLS-ROYCE CORPORATION 2,793,305
ROLSTON, DAVID R. 2,793,563
ROMAGNOLI, KEVIN 2,793,541
RONGA, LUISA 2,793,683
ROOPCHAND, DIANA 2,793,218
ROSEN, BRIAN 2,794,105
ROSEN, MILES HARRIS 2,793,488
ROSENBERG, STEVEN 2,793,210
ROSENBLUM, LYNNE SARAH 2,793,877
ROSENTEL, JR. JOSEPH K. 2,793,880
ROTOX BESITZ- UND VERWALTUNGSGESELLS CHAFT MBH 2,793,958
ROYAL GOVERNMENT OF BHUTAN, MINISTRY OF AGRICULTURE 2,793,555
ROYLE, TERENCE GORDON 2,793,461
RUBIE, PETER JOHN 2,793,932
RUS, VILIAN 2,794,027
RUSSELL MINERAL EQUIPMENT PTY LTD 2,793,932
RUSSELL, TIMOTHY M. 2,793,843
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,793,218
RUTH, BRIAN J. 2,793,652
RYAN, ROBERT CHARLES 2,793,883
RYGE, PETER 2,793,225
RYGE, PETER 2,793,227
S. C. JOHNSON & SON, INC. 2,793,837
SAASTAMOINEN, SAKARI 2,794,128
SAFEWAY, INC. 2,794,092
SAINT-GOBAIN ABRASIFS 2,793,552
SAINT-GOBAIN ABRASIVES, INC. 2,793,552
SAITO, TAIRA 2,793,854
SAKANISHI, HIDEKI 2,793,681
SALAHIEH, AMR 2,793,737
SALEH, TAREK M. 2,789,785
SALVAT, LOUIS 2,793,987
SAMAIN, STEPHANE 2,794,133
SAMANT, LALITA 2,793,521
SAMANT, RAJEEV 2,793,521
SAMBOJU, NARASIMHA CHARY 2,794,082
SAMESHIMA, FUTOSHI 2,793,718
SAMSUNG ELECTRONICS CO., LTD. 2,793,720
SAMSUNG ELECTRONICS CO., LTD. 2,794,175
SAMUEL, JAYAKUMAR PON 2,794,082
SANDERS, PAUL 2,793,493
SANDVIK INTELLECTUAL PROPERTY AB 2,793,861
SANGAN, PITCHAI 2,793,970
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,793,705
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,793,790
SANTARELLA, MICHAEL 2,793,538
SANWA KAGAKU KENKYUSHO CO., LTD. 2,793,715
SANWAL, SUDHIR SINGH 2,793,359
SASAKI, MAKOTO 2,793,969
SATHYANARAYANA, SWARGAM 2,793,359
SATO, AKIHIRO 2,793,818
SATO, IPPEI 2,793,856
SAUL, TOM 2,793,737
SAUNDERS, JEFFREY O. 2,793,836
SAWTELL, RALPH R. 2,793,885
SAYLOR, RYAN 2,793,518
SAYYAD, HORMOZ 2,794,062
SCELONGE, CHRISTOPHER J. 2,793,596
SCELONGE, CHRISTOPHER J. 2,793,600
SCHAER, ALAN 2,793,737
SCHAFER, PETER H. 2,792,872
SCHARNKE, WOLFGANG 2,793,773
SCHELL, STEPHAN V. 2,793,511
SCHENKEN, CHRISTOPHER T. 2,793,996
SCHERRER, ELISABETH 2,793,769
SCHIFF, EZRA T. 2,793,606
SCHLICHTHERLE, STEFAN 2,793,736
SCHLUMBERGER CANADA LIMITED 2,793,124
SCHLUMBERGER CANADA LIMITED 2,793,775
SCHLUMBERGER CANADA LIMITED 2,794,033
SCHMID, HERBERT 2,793,779
SCHMIDT, ANDREAS 2,793,886
SCHMIDT, JANN 2,793,773
SCHMIDT, PAUL A. 2,793,916
SCHMIED, WOLFGANG 2,793,586
SCHMITT, HANS 2,793,958
SCHNEIDER ELECTRIC INDUSTRIES SAS 2,794,131
SCHNEIDER, RALPH 2,794,121
SCHNEIDER, UWE 2,793,773
SCHOENBRUNN, FREDRICK RINEHART 2,793,603
SCHREINER, ANDREAS 2,793,920
SCHROEDER, GARY L. 2,793,535
SCHROTT, ADAM 2,793,519
SCHUTTE, GRANT 2,793,541
SCHWARZENBACH, PETER 2,793,938
SCIENTIFIC GAMES HOLDINGS LIMITED 2,793,802
SCIENTIFIC GAMES HOLDINGS LIMITED 2,793,803
SCIENTIFIC GAMES HOLDINGS LIMITED 2,793,804
SCINOPHARM TAIWAN LTD. 2,793,742
SCIO SOFT, S.L. 2,793,981
SCOSCHE INDUSTRIES, INC. 2,793,120
SEBRIGHT, JASON L. 2,793,895
SEBRIGHT, JASON L. 2,793,988
SEDIVY, MATTHEW JOHN 2,793,489
SEEFELD, PETER 2,793,704
SEGURA, RICHARD 2,793,231
SEHNERT, AMY JO-NELL 2,793,210
SEIB, DAVID C. 2,793,717
SEKIGUCHI, GAKU 2,793,525
SEKINE, KEISUKE 2,793,971
SETLUR, VIDYA 2,793,956
SETZ, THOMAS 2,793,542
SFS INTEC HOLDING AG 2,793,494
SHABUDIN, ESAK 2,793,211
SHAFFER, ROBERT ANTHONY 2,793,627
SHAH, RAJIV 2,793,540
SHAIN, JOSEPH 2,793,524
SHALEN, EVAN FOSTER 2,793,900
SHANGHAI TAIJIE CHEMICAL CO., LTD. 2,793,584
SHANGHAI UNIMATE LTD. 2,793,556
SHARMA, RICHA 2,794,022
SHARMA, RICHA 2,794,023
SHARMA, RICHA 2,794,075
SHASTRY, VISHWANATH 2,793,506
SHAVER, KEVIN 2,794,045
SHAW, LOUIS CARL 2,794,000
SHEEHAN, JOHN M. 2,793,588
SHEEP, ASSAF 2,793,952
SHEFFER, NOAM 2,793,514
SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V. 2,793,673
SHELL INTERNATIONALE RESEARCH MAATCVHAPPIJ B.V. 2,793,627
SHELL INTERNATIONALE RESEARCH MAATCVHAPPIJ B.V. 2,793,883
SHENOY, SURESH GOPALKRISHNA 2,793,970
SHI, MICHAEL 2,793,779

Index des demandes PCT entrant en phase nationale

SHIFAMED HOLDINGS, LLC 2,793,737
SHIGEMORI, TOMOHIRO 2,793,715
SHIH, PEI-JUNG 2,794,073
SHILLING, NORMAN ZETHWARD 2,793,719
SHIN, HWA SEON 2,794,169
SHIN, YOUNGSOOK 2,793,897
SHORT, MATTHEW A. 2,792,882
SHU, YUYING 2,793,566
SHUM, PATRICK WAI-KWOK 2,793,223
SIEGEL, NEAL ARTHUR 2,794,130
SIEMENS AKTIENGESELLSCHAFT 2,793,963
SIEMENS AKTIENGESELLSCHAFT 2,794,026
SIEMENS AKTIENGESELLSCHAFT 2,794,034
SIEMENS INDUSTRY, INC. 2,793,942
SIEMENS MEDICAL SOLUTIONS USA, INC 2,794,004
SIERCKS, KNUT 2,793,572
SIERRO, NICOLAS JOSEPH MARIE 2,794,037
SIFFERT, JOAO 2,793,692
SIGA TECHNOLOGIES, INC. 2,793,533
SILVESTRE, JEAN-SEBASTIEN 2,793,985
SIM, ENG TONG 2,793,923
SIMOLA, JUHA 2,794,126
SIMPSON, DENNIS A. 2,793,691
SIMPSON, KENNETH W. 2,792,880
SIMPSON, MIKE 2,793,621
SIMPSON, MIKE 2,793,662
SIMPSON, MIKE 2,793,677
SINGER, DEBRA L. 2,793,691
SINGH, HARPREET 2,793,601
SINGH, VIJENDER 2,793,531
SINGLETON, ROBERT 2,793,001
SINHA, ANJANA 2,794,004
SIRKO-OSADSA, DEBORAH ALEXA 2,793,877
SISACS HOLDINGS LTD. 2,793,444
SIU, ERIC 2,793,554
SKIADOPOULOS, MARIO 2,793,772
SKJOET, MICHAEL 2,794,113
SKOV, LARS KOBBEROEE 2,794,095
SKOV, LARS KOBBEROEE 2,794,113
SLATER, NIGEL KENNETH HARRY 2,794,088
SLOAN VALVE COMPANY 2,793,607
SMA SOLAR TECHNOLOGY AG 2,794,116
SMITH INTERNATIONAL, INC. 2,793,798
SMITH INTERNATIONAL, INC. 2,793,799
SMITH, JEREL 2,793,229
SMITH, JEREL 2,793,230
SMITH, MAX 2,793,550
SMS SIEMAG AG 2,793,913
SNECMA 2,786,130
SNECMA 2,793,463
SNECMA 2,793,984
SNECMA 2,793,987
SNIDER, PHILIP M. 2,793,496
SOKOLOV, RICHARD 2,793,554
SOLCA, FLAVIO 2,793,616
SOLEM, JAN OTTO 2,793,912
SOLETI, ANTONIO 2,793,688
SOLFRONK, MATTHEW D. 2,794,111
SOLGAARD, OLAV 2,793,452
SOLIX BIOSYSTEMS, INC. 2,792,904
SOLYSTIC 2,794,133
SONG, JIUHONG 2,793,955
SONG, KAN 2,793,930
SONG, KEUN 2,793,538
SONY CORPORATION 2,793,534
SOON-SHIONG, PATRICK 2,793,974
SPARF, LARS 2,793,524
SPEERS, ALLISON 2,793,194
SPENCER, SUSAN D. 2,793,890
SPETH, BERND 2,793,907
SPINDLER, CHRISTIAN 2,793,499
SPIRIDIGLIOZZI, JOHN 2,793,737
SPIROGEN DEVELOPMENTS SARL 2,793,890
SPRIGGS, DAVID 2,793,753
ST. CLAIR, GRACE M. 2,793,596
ST-CYR, DANIEL 2,793,683
STABILIZ ORTHOPEDICS, LLC 2,794,019
STAL, IRVING 2,794,062
STAMATI, IOANNA 2,793,797
STAMFORD, ANDREW W. 2,793,949
STAMFORD, ANDREW W. 2,794,003
STARTRAK SYSTEMS, LLC 2,793,865
STATOIL ASA 2,793,722
STEELBERG, CHAD 2,793,726
STEELBERG, RYAN 2,793,726
STEER, DAVID G. 2,793,699
STEFANY, DAVID 2,793,223
STEIN, GUENTER 2,794,028
STEINKE, FLORIAN 2,794,026
STENSON, PAUL 2,793,541
STEPHAN, MARC 2,793,702
STERLING ROPE COMPANY, INC. 2,793,938
STEWARD, NICOLAS 2,794,115
STILLABOWER, SCOTT LEE 2,793,795
STOCKS, PAUL 2,793,957
STOKLOSA, GREGORY 2,793,223
STONE, MELIALANI A.C.L. 2,793,533
STRATFORD, SCOTT 2,793,637
STRAUMANN HOLDING AG 2,793,702
STRAUSS, GEORG 2,793,736
STREATER, JAMES ROBERT 2,793,764
STREETER, GARY 2,793,802
STREETER, GARY 2,793,803
STREETER, GARY 2,793,804
SU, SHINSAN 2,793,835
SU, SHINSAN 2,793,836
SUBKOWSKI, THOMAS 2,793,918
SUBRAMANIAN, KRISHNAMOORTHY 2,793,552
SUGAI, ATSUSHI 2,793,530
SULLIVAN, LEROY JAMES 2,793,964
SULLIVAN, LEROY JAMES 2,793,968
SUMA, PETER 2,793,910
SUMITOMO ELECTRIC INDUSTRIES, LTD. 2,793,969
SUN, QIN 2,793,930
SUN, WEI 2,793,936
SUN, WENDELL 2,793,585
SUPERFOS A/S 2,793,792
SUPERNUS PHARMACEUTICALS, INC. 2,793,777
SURVITEC SAS 2,793,639
SUTARIA, DEVANG 2,793,491
SUTARIA, DEVANG 2,793,681
SUZHOU ZELGEN BIOPHARMACEUTICAL CO., LTD. 2,793,594
SUZUKI, HIDEKAZU 2,793,707
SUZUKI, SATORU 2,793,854
SWEETAPPLE, GARY 2,793,533
SWORD DIAGNOSTICS, INC. 2,794,130
SYNERGIO AG 2,793,912
SYNGEN, INC. 2,793,648
SZABO, POMPILIA ISPAS 2,793,685
SZARDENINGS, ANNA KATRIN 2,794,004
SZELEI, JOZSEF 2,793,686
TAFT, JEFFREY D. 2,793,953
TAGHAVI, REZA 2,793,714
TAGHAVI, SAFIYH 2,792,933
TAGUCHI, KAZUHIKO 2,793,822
TAGUCHI, KAZUHIKO 2,793,946
TAIKO PHARMACEUTICAL CO., LTD. 2,793,822
TAIKO PHARMACEUTICAL CO., LTD. 2,793,946
TAIMISTO, MIRIAM H. 2,793,961
TAKEUCHI, MITSUAKI 2,793,715
TAKSHI, ARASH 2,793,579
TALBOT, HENRY W. 2,793,978
TALLENT, BRIAN 2,793,875
TALTON, LAWRENCE WINFIELD 2,793,559
TAM, KRISTY LUONG 2,793,916
TAMBLING, TROY M. 2,793,693
TAMURA, MIYUKI 2,793,715
TAMURA, NOZOMI 2,793,951
TAN, LEI 2,793,539
TANAKA, RYOZO 2,793,966
TANGNEY, CAMERON M. 2,794,040
TANIGUCHI, HIDEKI 2,793,971
TANTOS, ANDRAS 2,793,617
TAOUFIK, MOSTAFA 2,794,109
TAOUFIK, MOSTAFA 2,794,118
TASAKA, KAZUHIKO 2,793,706
TASAKA, KAZUHIKO 2,793,824
TAULU, SAMU 2,794,126
TAURA, KOUICHI 2,793,822
TAZAKI, GO 2,793,971
TAZBAZ, ERROL 2,793,518
TECHNETICS GROUP FRANCE SAS 2,793,774
TECHNOLOGICAL RESOURCES PTY LIMITED 2,793,866
TECNOMATIC S.P.A. 2,793,689
TECNOMATIC S.P.A. 2,793,690
TEIKOKU PHARMA USA, INC. 2,793,571
TEJWANI, MONICA 2,793,880
TENOVA S.P.A. 2,794,156
TERADA, YOH 2,793,856
TERAI, KAZUHIRO 2,793,856
TERRE ARMEE INTERNATIONALE 2,794,044
TESCO CORPORATION 2,793,678
THACKER, PRADEEP S. STANLEY 2,793,719
THAPER, RAJESH KUMAR 2,793,359
THAPI, DHARMARAO 2,793,753
THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND 2,793,663
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,793,452
THE BOEING COMPANY 2,793,734
THE COLEMAN COMPANY, INC. 2,793,977
THE GENERAL HOSPITAL CORPORATION 2,793,898
THE GILLETTE COMPANY 2,793,152
THE GILLETTE COMPANY 2,793,461

Index of PCT Applications Entering the National Phase

THE GLAD PRODUCTS COMPANY 2,794,079
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 2,793,800
THE PROCTER & GAMBLE COMPANY 2,793,529
THE PROCTER & GAMBLE COMPANY 2,793,577
THE PROCTER & GAMBLE COMPANY 2,793,879
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,793,846
THE REGENTS OF THE UNIVERSITY OF COLORADO 2,793,558
THE TRANSLATIONAL GENOMICS RESEARCH INSTITUTE 2,793,660
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,793,458
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,793,633
THE UNIVERSITY OF BRITISH COLUMBIA 2,793,579
THE UNIVERSITY OF MELBOURNE 2,793,698
THE UNIVERSITY OF UTAH 2,793,733
THODEN, JAMES B. 2,793,727
THOE, DAVID A. 2,793,618
THOE, DAVID A. 2,793,622
THOMAS, DAVID EDWARD 2,794,092
THUILLIER, CEDRIC 2,793,659
THYSSENKRUPP UHDE GMBH 2,793,638
TIAN, BIN 2,794,121
TIBERGHIEN, ARNAUD 2,793,890
TICHY, FRANZ 2,793,907
TIJSSEN, PETER 2,793,686
TIMOCCO LTD. 2,793,809
TINSLEY, JACK F. 2,793,499
TIOXIDE EUROPE LIMITED 2,793,356
TOBACCO RESEARCH AND DEVELOPMENT INSTITUTE (PROPRIETARY) LIMITED 2,793,662
TOBELEM, GERARD 2,793,985
TODD, JASON 2,792,887
TODD, TYLER DEAN 2,793,565
TOMPKINS, MICHAEL J. 2,793,124
TONKIN, REBECCA LOUISE 2,793,356
TONTSCH-GRUNT, ULRIKE 2,793,616
TORAY INDUSTRIES, INC. 2,793,709
TORAY INDUSTRIES, INC. 2,793,730
TORAY INDUSTRIES, INC. 2,793,859
TOTAL RAFFINAGE MARKETING 2,793,770
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,793,854
TRAINER, DAVID 2,793,701
TRAMPER, WILLIAM D. 2,793,929
TRAN, AN 2,793,518
TRAN, HOA TRINH 2,793,916
TRAXLER, GERHARD 2,794,119
TREMBLAY, GILLES J. 2,793,573
TRETIAKOVA, ANNA P. 2,793,633
TSUI, HON-CHUNG 2,793,697
TUCKER, EDWARD B. 2,794,079
TUERCK, VOLKER 2,794,034
TUFFNER, FRANCIS K. 2,793,989
TULLIS, JOHN 2,793,506
TULSI, JAPJIT 2,794,040
TUNG, BERKAT S. 2,794,032
TURCOTTE, STEPHANE 2,793,683
TURNER, CHRISTOPHER WAYNE 2,792,904
TURNER, WILLIAM BEDFORD 2,793,864
TYAVANAGIMATT, SHANTHAKUMAR R. 2,793,533
TYSON, GEORGE 2,793,862
UKEI, YOSHITAKA 2,793,707
ULRICH, PETER 2,793,580
UMEMOTO, KENJI 2,793,816
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC 2,793,888
UNISYS CORPORATION 2,793,868
UNITED PARCEL SERVICE OF AMERICA, INC. (D/B/A UNITED PARCEL SERVICE) 2,793,996
UNIVERSITE DE MONTREAL 2,793,683
UNIVERSITE PARIS DIDEROT - PARIS 7 2,793,985
UNIVERSITY OF HELSINKI 2,793,651
UNIVERSITY OF PRINCE EDWARD ISLAND 2,789,785
UNIVERSITY OF SASKATCHEWAN 2,793,906
UNIVERSITY OF SOUTH ALABAMA 2,793,521
UNIVERSITY OF SOUTH FLORIDA 2,793,838
UNIVERSITY OF SOUTHERN CALIFORNIA 2,793,515
UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION 2,793,999
UNIVERSITY OF WASHINGTON 2,793,672
UNSAL-KACMAZ, KEZIBAN 2,793,778
UOP LLC 2,794,109
UOP LLC 2,794,118
UPM-KYMMENE CORPORATION 2,793,982
UY, DINDO 2,793,486
VAILLANCOURT, LOUIS 2,794,145
VALLER, GREGORY OLIVER 2,793,932
VALSPAR SOURCING INC. 2,793,541
VALYENTSOV, MIKHAIL JUR'YEVICH 2,793,556
VAN CAMP, WIM 2,780,079
VAN DER LELIE, DANIEL 2,792,933
VAN DER MEIJDEN, HENDRIKUS JOHANNES 2,793,486
VAN HEUGTEN, ANTHONY Y. 2,793,881
VAN KUREN, TOM 2,793,541
VAN NIEKERK, MILES 2,793,491
VAN OOYEN, WES 2,793,910
VANDIEST, SCOTT ALAN 2,793,529
VANRIPER, RYAN A. 2,793,713
VANTIA LIMITED 2,793,641
VARELA FERNANDEZ, GERVASIO 2,793,981
VARNER, ROSEANNE 2,793,961
VATRI, JOHN 2,793,950
VEILLETTE, MICHEL 2,793,573
VENTINO KFT. 2,793,684
VERDOONER, STEVEN 2,793,874
VERTEX PHARMACEUTICALS INCORPORATED 2,794,145
VIBHUTE, VINOD 2,793,531
VILLAHERMOSA JAEN, MARIA LUISA 2,793,993
VINCENT, KEITH 2,793,921
VINCENT, REGIS 2,793,770
VINER, ARON 2,794,030
VIRDEE, SATPAL 2,793,934
VIRTANEN, PENTTI 2,794,128
VIRTO ALBERT, SATURNINO LUIS 2,793,589
VISA INTERNATIONAL SERVICE ASSOCIATION 2,793,506
VISHWAKARMA, RAM 2,792,198
VOGEL, SOPHIE 2,793,499
VOGT, FREDERICK G. 2,792,852
VOITH PATENT GMBH 2,793,904
VOKINGER, URS 2,793,572
VON HOFF, THOMAS 2,794,025
VORTEX PERFORMANCE EXHAUSTS LIMITED 2,793,990
VOSS, BRET A. 2,793,558
VOSSLOH-WERKE GMBH 2,793,785
VUKSAN, MARIO 2,793,960
W.R. GRACE & CO. -CONN. 2,793,566
WABASH NATIONAL, L.P. 2,793,574
WABTEC HOLDING CORP. 2,794,020
WADA, KEIJI 2,793,969
WAGNER, ANDREW V. 2,793,560
WAGNER, BURKHARD E. 2,793,888
WAGNER, FLEMMING 2,793,470
WAGNER, JOHN 2,793,470
WAGNER, NORBERT 2,793,963
WAHAL, SANJAY 2,793,535
WAKITA, NORIHIDE 2,793,718
WAL-MART STORES, INC. 2,792,887
WALKER, ROBERT A., II 2,794,040
WALSH, JOSEPH C. 2,794,004
WALSH, PAUL 2,794,085
WALTER, STEFFEN 2,793,601
WALTON, DAVID 2,794,104
WANG, BING-BING 2,793,596
WANG, BING-BING 2,793,600
WANG, CHAN Q. 2,793,933
WANG, ERIC 2,794,004
WANG, JIAN 2,794,068
WANG, LIXIAO 2,793,832
WANG, NING 2,793,600
WANNERBERGER, KRISTIN 2,793,485
WARDLEY, MICHAEL 2,793,678
WASHINGTON-COLLINS, GERALD 2,792,977
WASSENHOVE, WILLEM VAN 2,793,508
WATERFIELD, ROBERT LLOYD 2,793,968
WEATHERFORD/LAMB, INC. 2,793,231
WEBB, GREGORY M. 2,793,801
WEBB, MICHAEL 2,793,550
WEBB, STEVEN R. 2,794,082
WEBB, TIM 2,792,887
WEBSTER, THOMAS J. 2,793,181
WEERASOORIYA, UPALI P. 2,793,499
WEI, WEI 2,792,906
WEICKERT, UWE 2,793,918
WEIMERS, WILLIAM C. 2,793,533
WEINSCHENK, TONI 2,793,490
WEINSCHENK, TONI 2,793,601
WEN, JIANYE 2,793,571

Index des demandes PCT entrant en phase nationale

WENDEL, BIRGIT 2,780,079
WENTLAND, MARK P. 2,793,725
WEST, DAVID JAMES 2,793,682
WEYANT, KENNETH 2,793,478
WEYER, AXEL 2,793,913
WHEELER, THOMAS NEIL, 2,792,844
WHITE, DAN 2,793,677
WHITEBOOK, BARRY A. 2,794,032
WHITED, STEPHANIE M. 2,793,693
WHITER, MARK 2,793,944
WIATR, CHRISTOPHER L. 2,793,614
WIDMAN, MICHAEL F. 2,792,847
WIECEK, GLENN N. 2,793,567
WIEHLE, RONALD D. 2,793,712
WIELAND-BERGHAUSEN, SUSANNE CHRISTINE 2,793,578
WIENS, OLIVER 2,793,913
WILLIAM CURLE DEVELOPMENTS LIMITED 2,793,645
WILLIAMS, JONNIE R. 2,794,097
WILLIAMSON, RICHARD 2,793,864
WILLICK, TODD 2,793,910
WILLSON, BRYAN DENNIS 2,792,904
WILSON, JAMES M. 2,793,633
WILSON, JOHN R. 2,793,607
WIMPENNY, STEVEN 2,793,790
WINGROVE, JAMES ALAN 2,793,210
WIRTHWEIN GMBH & CO. KG 2,793,785
WISCONSIN ALUMNI RESEARCH FOUNDATION 2,793,727
WM, WRIGLEY JR. COMPANY 2,793,531
WOLF, AUREL 2,794,087
WOMACK, JAMES EARL 2,793,965
WONG, BRIAN 2,793,857
WONG, MICHAEL K. 2,793,949
WONG, MICHAEL K. 2,794,003
WONG, NATHALIE 2,793,536
WOOD, JOE M. 2,792,847
WOODS, RICHARD 2,793,691
WOODS, RICHARD 2,793,986
WOODWARD, JOSH 2,793,903
WORKMAN, DAVID P. 2,794,076
WORMSBECHER, RICHARD F. 2,793,566
WRIGHT, GREGORY A. 2,794,121
WRIGHT, MICHAEL, W. 2,792,951
WU, HUAN-PING 2,793,878
WU, JIANMING 2,794,068
WU, JIANPING 2,793,800
WU, WEI 2,793,965
WU, WENYUAN 2,793,893
WU, XINLI E. 2,793,600
WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD. 2,793,930
WUHAN VSD MEDICAL SCIENCE & TECHNOLOGY CO., LTD. 2,793,955
WYETH LLC 2,793,778
XU, SHUWEN 2,793,458
YAGUR, SHAY 2,793,809
YAHIOGLU, GOKHAN 2,793,797
YALE SECURITY INC. 2,793,550
YAMADA, NAOHIRO 2,793,859
YANAR, CAGATAY 2,793,885
YANG, DE-YI 2,794,003
YANG, GUANG 2,793,942
YANG, YAN 2,794,032
YANG, ZHIQIANG 2,793,900
YANKIE, SCOTT 2,793,486
YANNOPOULOS, CONSTANTIN 2,794,145
YANO, HIROYUKI 2,793,818
YAO, QIANG 2,793,768
YAO, ZHENHUA 2,793,930
YARDIMCI, OZLEM 2,793,493
YARON, IRA 2,793,954
YATES, FRANCIS EDZARD 2,793,939
YATES, RUSSELL PETER 2,793,939
YEO, WINNIE 2,793,536
YEON, MYUNG-HOON 2,794,175
YEUNG, ALEX 2,794,052
YIN, CAIFANG F. 2,793,941
YKK CORPORATION OF AMERICA 2,793,843
YOO, DAVID 2,793,757
YORK, GEOFFREY 2,793,211
YOSHIDA, CHIHIRO 2,793,709
YOSHIKAWA, SATORU 2,793,730
YOSHIMURA, KOICHI 2,793,729
YOUNG, ALASDAIR GEORGE 2,793,705
YOUNG, ALASDAIR GEORGE 2,793,790
YOUNG, DANIEL 2,793,587
YOUNG, JAMES M. 2,794,121
YOUNG, JENNA 2,793,194
YOURIST, SHELDON E. 2,793,850
YU, CHUL 2,794,004
YU, HAN-IL 2,794,175
YU, WENSHENG 2,793,949
YU, WENSHENG 2,794,003
ZAITSEV, GENNADI 2,794,125
ZELIG, LIAT 2,793,952
ZENG, HAISHAN 2,793,449
ZHANG, HAIQING 2,793,930
ZHANG, JINQIAO 2,793,930
ZHANG, KIT (YUE) 2,793,977
ZHANG, LIANGFANG 2,793,846
ZHANG, LING-HUA 2,792,872
ZHANG, SHIRONG 2,793,930
ZHANG, WEI 2,793,558
ZHANG, WEI 2,794,004
ZHANG, XIAOHENG 2,793,742
ZHAO, HE 2,793,949
ZHAO, ZHICHENG 2,793,223
ZHENG, YUN-WEN 2,793,971
ZHOU, GUOWEI 2,793,949
ZHOU, GUOWEI 2,794,003
ZHOU, HUA 2,794,068
ZHOU, ZHAOQING 2,793,877
ZHU, HONG 2,793,661
ZHU, YITING 2,792,869
ZIEGLER, GOERAN 2,793,863
ZITZMANN-KOLBE, SABINE 2,789,286
ZIZZO, CLAUDIO 2,793,305
ZODIAC POOL SYSTEMS, INC. 2,793,486
ZOGG, HANS-MARTIN 2,794,122
ZOUTENDAM, PAUL HENRY 2,793,529

Index of PCT Applications Entering the National Phase

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

APPLE INC. 2,792,412
BARBER, JOSHUA R. 2,793,110
BARBER, JOSHUA R. 2,793,122
BARNETT, IAN 2,793,771
BATTAGLIA, MASSIMO 2,793,046
BAYER CROPSCIENCE AG 2,793,009
BAYER CROPSCIENCE AG 2,793,011
BAYER CROPSCIENCE AG 2,793,022
BAYER CROPSCIENCE AG 2,793,025
BAYER CROPSCIENCE AG 2,793,057
BAYER CROPSCIENCE AG 2,793,058
BAYER CROPSCIENCE AG 2,793,062
BAYER CROPSCIENCE AG 2,793,063
BAYER CROPSCIENCE AG 2,793,064
BAYER CROPSCIENCE AG 2,793,076
BAYER CROPSCIENCE AG 2,793,111
BAYER HEALTHCARE LLC 2,793,127
BECKMAN, LORNE 2,793,039
BERGERON, MICHEL G. 2,790,915
BIRKEDAL-HANSEN, HENNING 2,793,128
BRIGHAM, CHRISTOPHER DEAN 2,792,412
BUGGE, THOMAS 2,793,128
BURDE, STEFAN H.M. 2,793,127
CHARLES, CATHERINE HELEN 2,793,019
CHEYER, ADAM JOHN 2,792,412
DANIELS, WILLIAM J. 2,793,228
DICKE, RONALD ANTHONY 2,743,636
DONG, ZHENG XIN 2,793,119
DROBNAK, THOMAS A. 2,793,228
DUTZMANN, STEFAN 2,793,009
DUTZMANN, STEFAN 2,793,011
DUTZMANN, STEFAN 2,793,022
DUTZMANN, STEFAN 2,793,025
DUTZMANN, STEFAN 2,793,057
DUTZMANN, STEFAN 2,793,058
DUTZMANN, STEFAN 2,793,062
DUTZMANN, STEFAN 2,793,063
DUTZMANN, STEFAN 2,793,064
DUTZMANN, STEFAN 2,793,111
DUTZMANN,STEFAN 2,793,076
ELLIOTT, DAVID J. 2,792,465
FABIAN, MARTIN J. 2,793,228
FAHLEN, ANDERS 2,793,134
FANG, FANG 2,793,019
FARNEY, GREG 2,793,771
FELTY, DAVID G. 2,793,228
FISHER, JOHN J. 2,793,031
FITCHETT, DEREK A. 2,793,171
FLO-DYNAMICS SYSTEMS INC. 2,792,465
FRATI, GIACOMO 2,793,046
FREEDMAN, GORDON 2,743,636
GAGLIARDINO, JOSEPH L. 2,792,435
GENEOHM SCIENCES CANADA INC. 2,790,915
GENUS, JOHN 2,793,138
GIACOMELLO, ALESSANDRO 2,793,046
GIANNITSIOS, DEMETRIOS 2,793,039
GIERMAN, TODD M. 2,793,127
GILBERTSON, TIMOTHY ALAN 2,792,426
GIW INDUSTRIES, INC. 2,792,493
GLENN, CHRISTOPHER C. 2,793,127
GREEN, DUSTIN L. 2,793,005
GREEN, DUSTIN L. 2,793,116
GROTH, HENRY 2,792,426
GRUBER, THOMAS ROBERT 2,792,412
GUZZONI, DIDIER RENE 2,792,412
HAKOLA, GORDON R. 2,792,493
HEINEMANN, ULRICH 2,793,009
HEINEMANN, ULRICH 2,793,011
HEINEMANN, ULRICH 2,793,022
HEINEMANN, ULRICH 2,793,025
HEINEMANN, ULRICH 2,793,057
HEINEMANN, ULRICH 2,793,058
HEINEMANN, ULRICH 2,793,062
HEINEMANN, ULRICH 2,793,063
HEINEMANN, ULRICH 2,793,064
HEINEMANN, ULRICH 2,793,076
HEINEMANN, ULRICH 2,793,111
HODOS, VALENTINE A. 2,793,228
HOWELL, THOMAS A. 2,793,745
INVACARE CORPORATION 2,793,228
IPSEN PHARMA S.A.S. 2,793,119
ISOM, MATTHEW 2,793,132
ITO, MOTOSHI 2,793,789
JACKSON PULVER, MARK 2,792,228
KERZ-MOEHLENDICK, FRIEDRICH 2,793,009
KERZ-MOEHLENDICK, FRIEDRICH 2,793,011
KERZ-MOEHLENDICK, FRIEDRICH 2,793,022
KERZ-MOEHLENDICK, FRIEDRICH 2,793,025
KERZ-MOEHLENDICK, FRIEDRICH 2,793,057
KERZ-MOEHLENDICK, FRIEDRICH 2,793,058
KERZ-MOEHLENDICK, FRIEDRICH 2,793,062
KERZ-MOEHLENDICK, FRIEDRICH 2,793,063
KERZ-MOEHLENDICK, FRIEDRICH 2,793,064
KERZ-MOEHLENDICK, FRIEDRICH 2,793,076
KERZ-MOEHLENDICK, FRIEDRICH 2,793,111
KOHLSTAEDT, LORI ALLISON 2,793,019
KRUMBIEGEL, KARL 2,792,426
KUHL, LAWRENCE EDWARD 2,793,003
KYLLINGSTAD, AAGE 2,793,117
LE GETTE, BRIAN E. 2,793,132
LEPPLA, STEPHEN 2,793,128
LIU, SHI-HUI 2,793,128
LUEHRS, FREDERICK 2,792,426
LUO, GUANG-XIANG 2,793,019
MAGNO, JOEY D., JR. 2,793,134
MANN, JAGJIWAN SINGH 2,793,197
MANN, JAGJIWAN SINGH 2,793,208
MANN, JAGJIWAN SINGH 2,793,301
MARKS, RYAN 2,792,426
MASCO CORPORATION OF INDIANA 2,793,110
MASCO CORPORATION OF INDIANA 2,793,122
MAUTINO, PETER SCOTT 2,792,435
MAXEINER, MICHAEL D. 2,792,435
MCCONWAY & TORLEY, LLC 2,792,435
MCGINLEY, MIKE 2,793,771
MCGOWAN, KENNETH A. 2,793,752
MERRETT, JOSEPH N. 2,793,067
MESSINA, ELISA 2,793,046
MICROLINE SURGICAL, INC. 2,793,745
MICROSOFT CORPORATION 2,793,005
MICROSOFT CORPORATION 2,793,116
MONYAK, KENNETH S. 2,792,142
MOORE, JAMES R. 2,793,138
MOREAU, JACQUES-PIERRE 2,793,119
MORPHETT, BENJAMIN DAVID 2,792,228
MUNOZ, JULIO A. 2,793,138
NATIONAL OILWELL VARCO, L.P. 2,793,117
NESSJOEN, PAAL JACOB 2,793,117
NETZEL-ARNETT, SARAH 2,793,128
NEWBURY, PETER 2,793,171
NIKE INTERNATIONAL LTD. 2,793,171
NORIN, JOAKIM 2,793,134
OLSZEWSKI, JONATHON R. 2,793,228
ORTECH INDUSTRIES INC. 2,793,197
ORTECH INDUSTRIES INC. 2,793,208
ORTECH INDUSTRIES INC. 2,793,301
OUELLETTE, MARC 2,790,915
PANASONIC CORPORATION 2,793,789
PAULSSON, GORAN 2,793,134
PAUMIER, JAMES 2,792,142
PERIAN THERAPEUTICS, INC. 2,793,019
PERLICK CORPORATION 2,792,426
PICARD, FRANCOIS J. 2,790,915
PINETTE, THOMAS C. 2,793,110
PINETTE, THOMAS C. 2,793,122
PLUNKETT, RICHARD THOMAS 2,792,228
RASNAKE, LARRY J. 2,793,031
REHM, KEVIN 2,792,426
RESEARCH IN MOTION LIMITED 2,793,003
ROHM AND HAAS ELECTRONIC MATERIALS, L.L.C. 2,793,031
ROSKO, MICHAEL SCOT 2,793,110
ROSKO, MICHAEL SCOT 2,793,122
ROY, PAUL H. 2,790,915
SANDVIK INTELLECTUAL PROPERTY AB 2,792,142
SANKIN, IGOR 2,793,067
SCOTT, SHERRYL LEE LORRAINE 2,793,003
SHEAHAN, JOHN ROBERT 2,792,228

SHELNUTT, SAMUEL J.	2,793,228
SHERRER, DAVID W.	2,793,031
SILVERBROOK RESEARCH PTY LTD	2,792,228
SILVERBROOK, KIA	2,792,228
SPRINKLE, TOM	2,793,228
SS SC IP, LLC	2,793,067
STEFFEN, THOMAS	2,793,039
SUTY-HEINZE, ANNE	2,793,009
SUTY-HEINZE, ANNE	2,793,011
SUTY-HEINZE, ANNE	2,793,022
SUTY-HEINZE, ANNE	2,793,025
SUTY-HEINZE, ANNE	2,793,057
SUTY-HEINZE, ANNE	2,793,058
SUTY-HEINZE, ANNE	2,793,062
SUTY-HEINZE, ANNE	2,793,063
SUTY-HEINZE, ANNE	2,793,064
SUTY-HEINZE, ANNE	2,793,076
SUTY-HEINZE, ANNE	2,793,111
TAPPER, JOHAN	2,793,134
TARGACEPT, INC.	2,793,138
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE	2,793,128
THOMAS & BETTS INTERNATIONAL, INC.	2,793,134
THOMAS, KURT JUDSON	2,793,110
THOMAS, KURT JUDSON	2,793,122
TIPP, ALAN	2,793,132
TOLEDO, MO MUI	2,793,020
TRIAD RESOURCE TECHNOLOGIES, LLC	2,793,020
UEDA, HIROSHI	2,793,789
UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA"	2,793,046
URBAN, GOTTFRIED	2,792,426
WADLING, SVEN	2,793,134
WALMSLEY, SIMON ROBERT	2,792,228
WEBB, MICHAEL JOHN	2,792,228
WEIGAND, DENNIS	2,792,426
WERNER, JUSTIN S.	2,793,132
WILSON, RONALD L., II	2,793,132
180S, INC.	2,793,132