

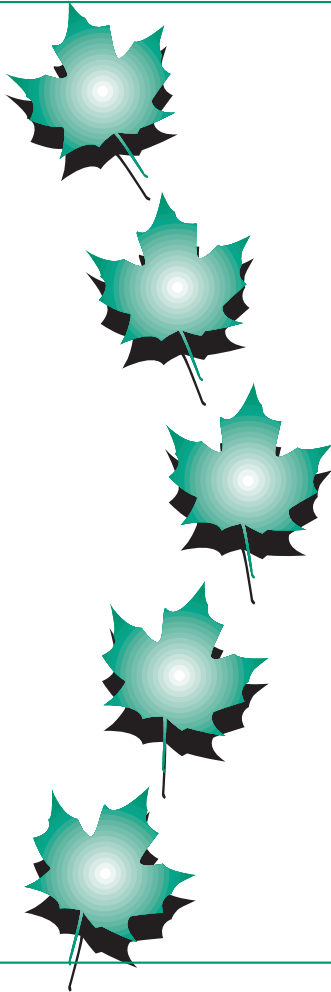


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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Since the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) is no longer managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

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Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

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Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'à nouvel ordre, après quoi des frais s'appliqueront.

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Télécopieur : (819) 997-7771 (fonctionne 24 heures sur 24)

Table of Contents

Table des matières

Notices	
Avis	1
Canadian Patents Issued	
Brevets canadiens délivrés	13
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public	39
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale	69
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	77
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés	79
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public	85
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale	91
Index of Canadian Divisional and Previously Unavailable Laid-Open applications	
Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	93

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, 2000 will be shown as 2000-01-02.

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

- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date

- [45] - Date of Issue
- [48] - Reissue Grant Date
- [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 2000, par exemple, sera représenté par 2000-01-02.

Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée

- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris

- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant

- [45] - Date de délivrance
- [48] - Date de redélivrance
- [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] - Noms(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 Codes

A complete list of country codes has been published in the April 25, 2000 issue of the Canadian Patent Office Record and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain an alphabetical listing of subject matter titles for the various classes by writing a request to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 25 avril 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

5. Comment acheter des copies sur papier ou en microforme de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of ten dollars (\$10) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

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Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de dix dollars (10 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

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Avis

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Numéro sans frais Amérique du Nord: 1-800-567-1914

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including patents both in force and expired, may be ordered at a price of 50¢ per page from the Patent Office.

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

7. 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-Hull, 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.

7. 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-Hull, 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.

8. 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-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

8. 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-Hull, 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.

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.

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.

9. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the 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 10 of these notices.

9. 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. 10 des présents avis.

Notices

10. List of Patents Available for Licence or Sale

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

2,166,257

11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,148,300 which issued on June 13, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

12. Laid-Open Applications

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.

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

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

2,166,257

11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 13 juin 1983 sont maintenant expirés, jusque et y compris le no. 1,148,300. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées 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.

13. Langue du document publié

Toute personne intéressée d'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.

Avis

14. Patent Cooperation Treaty (PCT)

14. Traité de coopération en matière de brevets (PCT)

**SCHEDULE OF FEES APPLICABLE
AS OF JANUARY 01, 2000**

**BARÈME DE TAXES À PARTIR DU
1 JANVIER 2000**

FEES	AMOUNTS
	\$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a))	630.00
Amount for each additional sheet over 30	15.00
3. Designation Fee: (Rule 15.2(a))	136.00
The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 8 countries are designated the fee remains \$1,088.00	

4. International Search Fee 1,450.00
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 Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5. Late Payment Fee 50% of the fees that are due, or,
Minimum: Transmittal Fee
Maximum: Basic Fee

Preliminary Examination

6. Handling Fee: 287.51 Deutsche Marks
(Rule 57.2(a)) 147.00 Euro Dollars

7. Preliminary Examination Fee: 2,998.29 Deutsche Marks
(Rule 58) 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

* International fees will be reduced by \$194.00 for all applications filed using PCT-Easy.

TAXES	MONTANTS
	\$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: (Règle 15.2(a))	630,00
Montant pour chaque feuille au delà de 30	15,00
3. Taxe de désignation (par pays) (Règle 15.2(a))	136,00
Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 8 pays sont désignés, la taxe demeure 1 088,00 \$.	

4. Taxe de recherche internationale 1 450,00
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 du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. Taxe pour paiement tardif 50% du montant impayé, ou,
Minimum: taxe de transmission
Maximum: taxe de base

Examen préliminaire

6. Taxe de traitement: 287,51 marks allemands
(Règle 57.2(a)) 147,00 dollars euro

7. Taxe d'examen préliminaire: 2 998,29 marks allemands
(Règle 58) 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

*Les frais seront réduits par 194.00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Notices

15. PCT Notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO 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 -World Intellectual Property Organization 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 at publications.mail@wipo.int or visit their website at <http://www.wipo.int>.

This is to inform you that the PCT Section will no longer provide basic information which is contained in the pamphlets published by the International Bureau. This information is available, free of charge, on the Internet at <http://pctgazette.wipo.int> or on the IBM web site at <http://www.patents.ibm.com>.

The PCT Section will continue to provide all other information pertaining to each application, i.e. amendments included in the International Preliminary Examination Report, changes to applicant's names, etc.

15. Avis PCT

Exigences des signatures du PCT

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI 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 - Organisation mondiale de la propriété intellectuelle 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 à publications.mail@wipo.int ou visiter leur site web à <http://www.wipo.int>.

La présente a pour but de vous informer que, dorénavant, la section PCT ne fournira plus d'information générale déjà contenue dans les brochures publiées par le Bureau International. Cet information est disponible sans frais, sur l'Internet au <http://pctgazette.wipo.int> ou sur le site web d'IBM au <http://www.patents.ibm.com>.

Par contre, la section PCT continuera de fournir tout autre renseignement relatif aux demandes, par exemple, les modifications incluses dans le Rapport d'examen préliminaire international, les changements au nom du demandeur, etc.

16. INVITATION

The Canadian Intellectual Property Office (CIPO) will officially open its Client Service Centre in June. The opening will take place June 20, 2000 at 2:30 p.m., at 50 Victoria Street, in Hull, Quebec.

The Centre, which is part of CIPO's Information Branch, is the result of an amalgamation of a number of functions. Instead of being directed to three different physical locations for information or searching, our clients are now offered these services for our five product lines in a convenient one-stop service centre. Client service is of the utmost importance to our organization, therefore, it is with pleasure that we invite you to celebrate the inauguration of this new client service facility with us.

17. PRACTICE NOTICE

DIES NON

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

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

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Hull, 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 Hull, 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

16. INVITATION

L'Office de la propriété intellectuelle du Canada (OPIC) ouvrira officiellement en juin les portes de son Centre de services à la clientèle. La cérémonie d'ouverture se tiendra le 20 juin 2000 à 14 h 30 au 50, rue Victoria à Hull (Québec).

Le Centre, qui fait partie de la Direction de l'information de l'OPIC, résulte de l'amalgamation de plusieurs services. Au lieu de devoir se rendre dans trois différents emplacements pour obtenir des services de renseignements et de recherche, nos clients peuvent désormais obtenir ces services sous un même toit pour nos cinq secteurs d'activité. Le service à la clientèle revêt une importance primordiale pour notre organisation et c'est pourquoi il nous fait plaisir de vous inviter à venir célébrer avec nous l'ouverture de notre Centre.

17. ÉNONCÉ DE PRATIQUE

JOUR FÉRIÉ LÉGAL (DIES NON)

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

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

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Hull, 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 Hull, 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 pro-

Notices

such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the Industrial Design, Copyright or Integrated Circuit Topography Acts.

Time limits under the Patent Cooperation Treaty

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

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two 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.

rogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

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

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Délais prévus dans le Traité de coopération en matière de brevets

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

«Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant auquel aucune de ces deux 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.

Avis

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:

- 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:** 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.

Jours fériés provinciaux ou territoriaux

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

- 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:** 1er lundi d'août (congé statutaire)
- 6) **Québec:** 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan:** 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon:** 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

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

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

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

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

Notices

18. Laid-Open Applications

The Patent Office Record of June 13, 2000 contains laid-open applications from May 21, 2000 - May 27, 2000.

18. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 21 mai 2000 - 27 mai 2000.

Avis

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[73] CHIRON CORPORATION, US
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[73] GENENTECH, INC., US
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[72] Edwards, Philip Duke, US
[72] Schwartz, John Anthony, US
[72] Shaw, Andrew, US
[72] Stein, Mark Morris, US
[72] Trainor, Diane Amy, US
[72] Wildonger, Richard Alan, US
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[73] ZENECA Inc., US
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[54] **BENZO-FUSED CYCLOALKANE AND OXA- AND THIA-, CYCLOALKANE TRANS-1, 2-DIAMINE DERIVATIVES**
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[72] Pennev, Penio, US
[72] Rajagopalan, Parthasarathi, US
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[54] **SILYL ALKYLENE AMINE SUBSTITUEES**
[72] Schirlin, Daniel, FR
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[73] MERRELL PHARMACEUTICALS INC., FR
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[54] **INHIBITEURS DE IL-1, LEUR PROCEDE DE PRODUCTION ET D'UTILISATION EN THERAPIE**
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[72] Seckinger, Philippe Lucien, CH
[72] Mazzei, Gonzalo Jose, CH
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[73] THE FIRESTONE TIRE & RUBBER COMPANY, US
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[54] **DISPOSITIF ET TECHNIQUE POUR L'INSERTION D'UN CATHETER AU TRAVERS D'UNE AIGUILLE**
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[73] Critikon, Inc., US
[22] 1989-10-17
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[72] Zeicher, Marc, BE
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[54] **APPAREIL ET METHODE D'EXTRACTION A SEC DES MATIERES POLLUANTES PRESENTES DANS UN FLUX GAZEUX**
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[72] Musslewhite, Thomas William, US
[72] Barden, Charles Ray, US
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[54] **COMPOSES PHARMACEUTIQUES UTILES DANS LE TRAITEMENT DU PSORIASIS**
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[54] **DISPOSABLE BODY WARMERS**
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[54] **METHODE POUR FABRIQUER EN CONTINU DES TUYAUX EN PLASTIQUE RENFORCE DE FIBRES, ET DISPOSITIF POUR METTRE EN OEUVRE LADITE METHODE**
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[54] **TAMPON DE POLISSAGE, DE LASTRAGE OU D'APPLICATION D'UN COMPOSE**
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[72] Schwartz, Thomas W., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
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[72] Campbell, Colin Dennis, US
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[54] **DEMODULATEUR DE SIGNAUX A SPECTRE ETALE**
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[72] Haartsen, Jacobus C., NL
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[73] SHELL CANADA LIMITED, CA
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[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
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[25] EN
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[72] Antberg, Martin, DE
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[72] Winter, Andreas, DE
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[54] **ECHANGEUR DE CHALEUR ET METHODE DE MONTAGE ETANCHE D'UNE PLAQUE D'EXTREMITE A UN FAISCEAU D'ELEMENTS ECHANGEURS DE CHALEUR**
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[25] EN
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[72] Persson, Bengt Yngve, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
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[13] C
[51] **Int.Cl. 5B05D 5/06 5B05D 7/02 5B05D 7/14 5C03C 17/25 5C03C 17/42**
[25] EN
[54] **METHOD FOR MANUFACTURING LAYER-BUILT MATERIAL WITH SILICON DIOXIDE FILM CONTAINING ORGANIC COLORANT AND THE LAYER-BUILT MATERIAL MANUFACTURED THEREBY**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU COMPOSE DE PLUSIEURS COUCHES AVEC FILM DE DIOXIDE DE SILICIUM CONTENANT UN COLORANT ORGANIQUE ET MATERIAU AINSI FABRIQUE**
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[72] Takemura, Kazuo, JP
[72] Kitaoka, Masaki, JP
[72] Kawahara, Hideo, JP
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[11] **2,014,044**
[13] C
[51] **Int.Cl. 5A61K 47/36**
[25] FR
[54] **PROCEDE DE PREPARATION DE CAPSULES D'ALGINATE(S) PARTICULIEREMENT ADAPTEES A UN USAGE COSMETIQUE, APPAREIL POUR SA MISE EN OEUVRE ET COMPOSITION COSMETIQUE CONTENANT LESDITES CAPSULES**
[54] **PROCESS FOR THE PREPARATION OF ALGINATE(S) CAPSULES PARTICULARLY WELL ADAPTED FOR USE IN COSTEMOLOGY, APPARATUS THEREFOR AND COSMETIC COMPOSITION CONTAINING SAID CAPSULES**
[72] Kauffmann, Myriam, FR
[72] Huguenin, Frédéric, FR
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[73] L'OREAL, FR
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[13] C

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[72] White, Alan Chapman, GB
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[30] GB (8907865.3) 1989-04-07

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[51] **Int.Cl. 5C12N 11/02 5A61K 7/28 6A61K 38/44 5A61K 47/48**

[25] FR
[54] **PROCEDE DE PREPARATION D'UN PRODUIT PARTICULAIRE ANTIMICROBIEN, PRODUIT ANTIMICROBIEN OBTENU ET APPLICATIONS**
[54] **PROCESS FOR THE PREPARATION OF AN ANTIMICROBIAL PARTICULATE PRODUCT, ANTIMICROBIAL PRODUCT THUS OBTAINED AND ITS USE**
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[72] Samain, Daniel, FR
[72] Degre, Michel, FR
[73] Bio Serae Laboratoires S.A., Société Anonyme, FR
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[13] C

[51] **Int.Cl. 5G06F 15/46 5G01H 3/00**

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[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
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[72] Kueffer, Max, US
[73] Keystone International Holdings Corp., US
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[11] **2,017,896**
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[51] **Int.Cl. 5F16T 1/02**

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[13] C

[51] **Int.Cl. 6C07K 5/04 6A61K 38/04**

[25] EN
[54] **ANTIHERPES TETRAPEPTIDE DERIVATIVES HAVING A CYCLOALKYL SUBSTITUTED ASPARTIC ACID SIDE CHAIN**
[54] **DERIVES TETRAPEPTIDIQUES AYANT UNE CHAINE LATERALE D'ACIDE ASPARTIQUE SUBSTITUE PAR UN GROUPEMENT CYCLOALKYL**
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[72] Moss, Neil, CA
[73] BOEHRINGER INGELHEIM (CANADA) LTD./ BOEHRINGER INGELHEIM (CANADA), CA
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[11] **2,019,640**
[13] C

[51] **Int.Cl. 5D01H 1/00**

[25] FR
[54] **PROCEDE ET MACHINE POUR LA FABRICATION EN CONTINU D'UN FIL ELASTIQUE A BASE D'ELASTHANE**
[54] **PROCESS AND MACHINE FOR THE CONTINUOUS PRODUCTION OF AN ELASTHANE-BASED ELASTIC YARN**
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[11] **2,020,012**
[13] C

[51] **Int.Cl. 5C07C 253/30 5C07C 255/03 5C08F 8/04 5C07C 255/46**

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[54] **A PROCESS FOR THE SELECTIVE HYDROGENATION OF OLEFINS CONTAINING NITRILE GROUPS**
[54] **UN PROCEDE POUR L'HYDROGENATION SELECTIVE D'OLEFINES CONTENANT DES GROUPES NITRILES**
[72] Himmler, Thomas, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
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[30] DE (P 39 21 263.7) 1989-06-29

[11] **2,022,549**
[13] C

[51] **Int.Cl. 5B41F 21/06**

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[54] **DRAW-ROLLER UNIT FOR A WEB-FED PRINTING MACHINE**
[54] **ROULEAU SERVANT A ALIMENTER UNE PRESSE EN FEUILLES CONTINUES**
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[72] Schaede, Johannes Georg, DE
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METHOD
[54] SYSTEME DE SECURITE POUR
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[73] BAYER INC., CA
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[11] **2,030,732**
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[51] Int.Cl. 5C07D 413/06 5C07D 409/06
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[25] FR
[54] NOUVEAUX DERIVES DU
THIOPHENE, LEUR PROCEDE DE
PREPARATION ET LES
COMPOSITIONS
PHARMACEUTIQUES LES
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[54] THIOPHENE DERIVATIVES;
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[72] Sauveur, Frédéric, FR
[72] Bonnet, Jacqueline, FR
[72] Brisset, Martine, FR
[72] Tordjman, Charles, FR
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[30] FR (89.15458) 1989-11-24

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[51] Int.Cl. 5C08L 53/02 5C08L 67/04
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[25] EN
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[54] SYSTEME DE LECTURE ET
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[73] AMTECH CORPORATION, US
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[51] Int.Cl. 6C07K 5/02 6A61K 38/04
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[54] AGENTS D'INHIBITION DE LA
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[72] Anderson, Paul Cates, CA
[72] Guindon, Yvan, CA
[72] Moss, Neil, CA
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[30] US (484,131) 1990-02-23

[11] **2,036,904**
[13] C
[51] Int.Cl. 5C25D 15/00 5C25D 7/00
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[25] EN
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[72] Taylor, Alan, GB
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[73] PRAXAIR ST TECHNOLOGY, INC.,
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[22] 1991-02-22
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[13] C

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[25] EN
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[54] **PELLICULE DE PROTECTION OFFRANT UNE FLEXIBILITE ACCRUE POUR L'EMPAQUETAGE DE FROMAGE**
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[11] **2,040,633**
[13] C

[51] **Int.Cl. 5B01D 53/04 5A61M 16/22**
[25] EN
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[54] **ABSORBEUR DE GAZ CARBONIQUE A USAGE UNIQUE**
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[73] Environmental Support Systems, Inc., US
[22] 1991-04-17
[30] US (07/512,389) 1990-04-23

[11] **2,040,777**
[13] C

[51] **Int.Cl. 6D21H 23/56 6B05C 11/02 6D21H 25/08 6B05D 1/40**
[25] EN
[54] **METHOD AND DEVICE FOR LIMITATION OF THE WIDTH OF COATING OF PAPER**
[54] **DISPOSITIF LIMITANT LA LARGEUR DE TRAME DE PAPIER ENDUITE D'UN PRODUIT DE RECOUVREMENT**
[72] Rantanen, Rauno, FI
[73] VALMET CORPORATION, FI
[22] 1991-04-18
[30] FI (901965) 1990-04-19

[11] **2,040,845**
[13] C

[51] **Int.Cl. 5B05C 11/02 5B05C 3/18**
[25] EN
[54] **COATING DEVICE FOR COATING OF A SIZE-PRESS ROLL, PAPER OR BOARD**
[54] **DISPOSITIF DE REVETEMENT POUR ROULEAU DE PRESSE ENCOLLEUSE, PAPIER OU CARTON**
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[73] VALMET CORPORATION, FI
[22] 1991-04-19
[30] FI (901967) 1990-04-19

[11] **2,040,863**
[13] C

[51] **Int.Cl. 5H01H 73/18**
[25] EN
[54] **INSTANTANEOUS TRIP DEVICE OF A CIRCUIT BREAKER**
[54] **DISJONCTEUR A DISPOSITIF DE DECLenchement INSTANTANE**
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[72] Rival, Marc, FR
[72] Garcia, Hubert, FR
[73] MERLIN GERIN, FR
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[30] FR (90 05 870) 1990-05-04

[11] **2,048,086**
[13] C

[51] **Int.Cl. 5B01D 29/21**
[25] EN
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[54] **FILTRE**
[72] Swiezbin, Joseph R., US
[72] Williamson, Kenneth M., US
[72] Miller, John D., US
[73] Pall Corporation, US
[22] 1991-07-29
[30] US (07/559,335) 1990-07-30
[30] US (07/733,625) 1991-07-22

[11] **2,048,450**
[13] C

[51] **Int.Cl. 5C12N 15/63 5A61K 48/00 5C12Q 1/68**
[25] EN
[54] **ANTISENSE OLIGONUCLEOTIDE ANTIBIOTICS COMPLEMENTARY TO THE MACROMOLECULAR SYNTHESIS OPERON, METHODS OF TREATING BACTERIAL INFECTIONS AND METHODS FOR IDENTIFICATION OF BACTERIA**
[54] **OLIGONUCLEOTIDE ANTI-SENS A ACTION ANTIBIOTIQUE, TRANSCRIT A PARTIR D'UN OPERON MACRO-MOLECULAIRE DE SYNTHESE, METHODES DE TRAITEMENT DES INFECTIONS BACTERIENNES ET METHODES D'IDENTIFICATION DES BACTERIES**
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[72] Katz, Leonard, US
[73] BAYLOR COLLEGE OF MEDICINE, US
[73] ABBOTT LABORATORIES, US
[22] 1991-08-06
[30] US (572,191) 1990-08-23

[11] **2,049,754**
[13] C

[51] **Int.Cl. 5H01B 13/00 5H01B 12/10**
[25] EN
[54] **METHOD AND APPARATUS FOR FABRICATING A MULTIFILAMENTARY WIRE**
[54] **METHODE ET APPAREIL DE FABRICATION D'UN FIL MULTIFILAMENTAIRE**
[72] Fisher, Michael V., US
[72] Schaubel, Kurt M., US
[72] Woolf, Lawrence D., US
[72] Olstad, Robert A., US
[72] Raggio, William A., US
[73] General Atomics, US
[22] 1991-08-23
[30] US (587,230) 1990-09-24

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[11] 2,052,697
[13] C

[51] Int.Cl. 5A61B 17/068
[25] EN
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COMPOUNDS AND COMPOSITIONS
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IMMUNOGLOBULIN SUPERFAMILY
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[54] **APPAREIL DE RADIOCOMMUNICATION D'ABONNE A ACCES CDMA COMPORTANT UN DISPOSITIF DE DIVERSITE D'ANTENNES ET METHODE D'EXPLOITATION DE CE DISPOSITIF**
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[54] **METHODE DE SELECTION DE STATIONS DE BASE POUR SYSTEME CELLULAIRE AMDC UTILISANT LE RAPPORT SIGNAL SUR BROUILLAGE DU SIGNAL RECU**
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[73] GENERAL INSTRUMENT CORPORATION OF DELAWARE, US
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[25] EN
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[54] **APPAREIL POUR REGENERER LES TOILES FILTRANTES D'UN FILTRE-PRESSE**
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[54] **COMPLEXES CARBENIQUES DE RUTHENIUM ET D'OSMIUM A HAUTE ACTIVITE POUR REACTIONS DE METATHESE DES OLEFINES, ET LEUR PROCEDE DE SYNTHESE**
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[72] Bertin, Giorgio, IT
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[73] PRAXAIR TECHNOLOGY, INC., US
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[25] EN
[54] **METHOD OF MANUFACTURING ZINC-TITANIUM MOTHER ALLOY AND MANGANESE DRY BATTERY**
[54] **METHODE DE FABRICATION D'UN ALLIAGE-MERE DE ZINC-TITANE ET D'UNE PILE SECHE AU MANGANESE**
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[54] **DISPOSITIF ET PROCEDE D'EVALUATION DE L'UNE AU MOINS DES VALEURS CARACTERISTIQUES DE FEUILLE DEPLIEE D'UNE MATIERE ENROULEE**
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[73] Recherche D.C.B.L. Inc./D.C.B.L. Research Inc., CA
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[13] C

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[72] YARBRO, Michael A., US
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[54] **SYSTEM AND METHOD FOR ROUTING GROUND-TO-AIR TELEPHONE CALLS**
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[73] AT&T CORP., US
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[54] **ENTRAINEMENT PAR PIVOT CENTRAL D'UNE FAUCHEUSE CONDITIONNEUSE**
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[72] PARSONS, Stephen Kenneth, US
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[51] **Int.Cl. 6F25J 3/04**
[25] EN
[54] **CRYOGENIC SIDE COLUMN RECTIFICATION SYSTEM FOR PRODUCING LOW PURITY OXYGEN AND HIGH PURITY NITROGEN**
[54] **SYSTEME DE RECTIFICATION CRYOGENIQUE DANS UNE COLONNE AUXILIAIRE POUR LA PRODUCTION D'OXYGENE DE FAIBLE PURETE ET D'AZOTE DE HAUTE PURETE**
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[73] PRAXAIR TECHNOLOGY, INC., US
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[30] US (08/689,793) 1996-08-13

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[13] C

[51] **Int.Cl. 6C03B 5/16**
[25] EN
[54] **GLASS MELTING PROCESS WITH REDUCED EMISSIONS AND REFRACTORY CORROSION**
[54] **PROCEDE DE FUSION DU VERRE PERMETTANT DE REDUIRE LES EMISSIONS ET LA CORROSION DU MATERIAU REFRACTAIRE**
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[54] **PROCESS FOR MONITORING ELECTRICAL WEAR ON HIGH-VOLTAGE SWITCHGEAR**
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[73] GEC ALSTHOM T & D SA, FR
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[54] **APPAREIL D'ECLAIRAGE**
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[72] BELL, L. Michael, US
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[73] EMERALD SEED PRODUCTS LTD., CA
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[11] **2,208,328**
[13] C

[51] **Int.Cl. 6B65H 54/02**
[25] EN
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[54] **MACHINE D'ENROULAGE POUR ENROULER UNE BANDE DE PAPIER**
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[72] KRUGER, Jens, DE
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[72] SMITH, Michael A., US
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[73] LUCENT TECHNOLOGIES INC., US
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[54] **JAMBAGE DE PORTE A MOULURE ET BUTEE INTEGRES EXTRUDEE**
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[54] **SERVEUR MULTIMEDIA**
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[73] CALLISTO MEDIA SYSTEMS INC., CA
[85] 1997-08-19
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[13] C

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[25] EN
[54] **APPLIANCE TIMER HAVING A CAM WHICH IS OPERATED AT MULTIPLE SPEEDS**
[54] **MINUTERIE POUR APPAREIL ELECTROMENAGER COMPORTANT UNE CAME COMMANDEE A DES VITESSES MULTIPLES**
[72] COLE, Ronald E., US
[73] EMERSON ELECTRIC CO., US
[22] 1997-09-22
[30] US (08/771,561) 1996-12-20

[11] **2,215,113**
[13] C

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[54] **RAILWAY BRAKE ASSEMBLY WITH MULTIPLE AIR CYLINDER**
[54] **ENSEMBLE FREIN FERROVIAIRE A VERIN PNEUMATIQUE MULTIPLE**
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[13] C

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[54] **TIMER FOR CONTROLLING AN APPLIANCE HAVING A PLURALITY OF PAWLS WHICH ROTATE A CAMSTICK**
[54] **MINUTERIE COMMANDANT UN APPAREIL ET COMPORTANT PLUSIEURS CLIQUETS FAISANT TOURNER UN TAMBOUR A CAMES**
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[73] EMERSON ELECTRIC CO., US
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[73] SCHILLER-PFEIFFER,
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HEADSETS**
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POUR CASQUES**
[72] GANCARCIK, Ed, CA
[73] MITEL CORPORATION, CA
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[30] US (08/839,091) 1997-04-24

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[25] EN
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FOR A CARPET EXTRACTOR**
[54] **SEPARATEUR D'AIR ET DE
LIQUIDE POUR UN ASPIRATEUR A
TAPIS**
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[72] MUELLER, David G., US
[73] THE HOOVER COMPANY, US
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[30] US (08/853,595) 1997-05-09

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[13] C

[51] **Int.Cl. 6B65H 23/038**
[25] EN
[54] **DEVICE FOR SWINGING A ROLL
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[54] **DISPOSITIF SERVANT AU
PIVOTEMENT D'UN ROULEAU POUR
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[72] NIEMANN, Heinrich, DE
[72] WULF, Johannes, DE
[73] ERHARDT + LEIMER GMBH, DE
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[13] C

[51] **Int.Cl. 6G05B 11/06 6H03K 4/08
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[25] EN
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CONTROL APPARATUS**
[54] **APPAREIL DE COMMANDE POUR
APPAREIL ELECTRIQUE A COURANT
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[72] DEBOER, David P., US
[73] JOHNSON SERVICE COMPANY, US
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[11] **2,237,622**
[13] C

[51] **Int.Cl. 6H04M 3/56**
[25] EN
[54] **SUBSCRIPTION AND PAIRED
AUTHORIZATION CODE BASED
ACCESS TO A MEET-ME
CONFERENCING SERVICE**
[54] **ACCES A UN SERVICE DE
CONFERENCE RENDEZ-VOUS
FAISANT APPEL A DES CODES
D'AUTORISATION APPARIES ET A UN
ABONNEMENT**
[72] MEUBUS, Charles, CA
[72] PILKINGTON, Joanne, CA
[72] BELZILE, Pierre, CA
[72] JODOIN, Sylvain, CA
[73] NORTEL NETWORKS
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[85] 1998-05-13
[86] 1996-12-11 (PCT/CA96/00828)
[87] (WO97/24864)
[30] US (60/009,224) 1995-12-26
[30] US (08/723,081) 1996-09-30

[11] **2,237,624**
[13] C

[51] **Int.Cl. 6H04M 3/56**
[25] EN
[54] **CENTRALIZED MANAGEMENT
AND ALLOCATION OF BRIDGES IN A
TELECOMMUNICATIONS NETWORK
FOR A MEET-ME CONFERENCING
SERVICE**
[54] **GESTION CENTRALISEE ET
ATTRIBUTION DE PASSERELLES
DANS UN RESEAU DE
TELECOMMUNICATIONS POUR UN
SERVICE DE CONFERENCE RENDEZ-
VOUS**
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[72] MEUBUS, Charles, CA
[72] BELZILE, Pierre, CA
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[11] **2,239,609**
[13] C

[51] **Int.Cl. 6G01V 1/30 6G11B 23/00**
[25] EN
[54] **SIMULATION GRIDDING
METHOD AND APPARATUS
INCLUDING A STRUCTURED AREAL
GRIDDER ADAPTED FOR USE BY A
RESERVOIR SIMULATOR**
[54] **METHODE ET DISPOSITIF DE
MAILLAGE DE SIMULATION,
COMPRENANT UN MAILLEUR AREAL
STRUCTURE ADAPTE POUR LES
BESOINS D'UN SIMULATEUR DE
RESERVOIR**
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[73] SCHLUMBERGER CANADA
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[22] 1998-06-04
[30] GB (9713244.3) 1997-06-23
[30] GB (9722115.4) 1997-10-20
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[13] C

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[25] EN
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[13] C

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[25] EN

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HEATABLE FLOOR WITH HOLLOW
SPACES**

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[73] eht Siegmund G.m.b.H., DE

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[30] DE (P 38 37 562.1) 1988-11-04

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[25] EN

[54] **METHOD AND APPARATUS FOR
DIE JAM PROTECTION/
ANTICIPATION AND CORRECTION**

[54] **PROCEDE ET APPAREIL
PERMETTANT D'EVITER,
D'ANTICIPER ET DE CORRIGER LES
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[72] MARTIN, VAUGHN H., US

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[72] LUKAS, DANIEL G., US

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[86] 1998-03-04 (PCT/US98/04232)

[87] (WO98/39145)

[30] US (08/813,828) 1997-03-06

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[21] **2,252,054**
[13] A1

[51] **Int.Cl. 6A01M 31/00**
[25] EN
[54] **REMOTE ACTUATION OF A CALL FOR GAME BIRDS AND GAME ANIMALS**
[54] **DECLenchement A DISTANCE D'UN APPEAU POUR GIBIER A PLUMES ET GIBIER A POIL**
[72] ROY, Roch, CA
[71] ROY, Roch, CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,252,059**
[13] A1

[51] **Int.Cl. 6C12N 15/90 6A01K 67/027 6C12N 15/85**
[25] EN
[54] **A METHOD OF INCREASING GERMLINE INTEGRATION OF A DNA CONSTRUCT**
[54] **METHODE POUR ACCROITRE L'INTEGRATION D'UNE CONSTRUCTION D'ADN DANS UN GERME**
[72] RAHMAN, Mohammed Azizur, GB
[72] MACLEAN, Norman, GB
[71] UNIVERSITY OF SOUTHAMPTON, GB
[22] 1998-11-24
[43] 2000-05-24

[21] **2,252,060**
[13] A1

[51] **Int.Cl. 6C23F 11/18 6C23F 11/12**
[25] EN
[54] **METHOD AND COMPOSITION FOR CORROSION AND DEPOSITION INHIBITION IN AQUEOUS SYSTEMS**
[54] **METHODE ET COMPOSITION POUR L'INHIBITION DE LA CORROSION ET DE LA PRECIPITATION DANS DES SYSTEMES AQUEUX**
[72] POMRINK, Gregory J., US
[72] HUNTER, Matthew M., US
[72] KESSLER, Stephen M., US
[72] FILLIPO, Bruce K., US
[71] BETZDEARBORN INC., US
[22] 1998-11-23
[43] 2000-05-23

[21] **2,252,925**
[13] A1

[51] **Int.Cl. 6H01R 25/16**
[25] EN
[54] **ELECTRICAL ADAPTERS**
[54] **ADAPTATEURS ELECTRIQUES**
[72] LI, S.S. Chen, TW
[72] LEE, Chiu-Shan, TW
[71] LI, S.S. Chen, TW
[71] LEE, Chiu-Shan, TW
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[43] 2000-05-27

[21] **2,252,966**
[13] A1

[51] **Int.Cl. 6A61K 38/16 6A61K 48/00 6A61K 38/08 6A61K 38/10 6G01N 33/53 6A61K 31/70 6C12Q 1/70**
[25] EN
[54] **VIRAL THERAPEUTICS**
[54] **AGENTS THERAPEUTIQUES A BASE DE VIRUS**
[72] McLAUCHLAN, John, GB
[72] HOPE, Ralph Graham, GB
[71] MEDICAL RESEARCH COUNCIL (UNITED KINGDOM), GB
[22] 1998-12-01
[43] 2000-05-26
[30] GB (9825951.8) 1998-11-26

[21] **2,252,967**
[13] A1

[51] **Int.Cl. 6C12N 15/62 6C07K 19/00 6C07K 14/18 6A61K 39/29 6A61K 39/385 6C12N 15/51**
[25] EN
[54] **PROTEIN FRAGMENTS FOR USE IN PROTEIN TARGETING**
[54] **FRAGMENTS DE PROTEINES SERVANT AU CIBLAGE DE PROTEINES**
[72] HOPE, Ralph Graham, GB
[72] McLAUCHLAN, John, GB
[71] MEDICAL RESEARCH COUNCIL (UNITED KINGDOM), GB
[22] 1998-12-01
[43] 2000-05-26
[30] GB (9825953.4) 1998-11-26

[21] **2,252,972**
[13] A1

[51] **Int.Cl. 6C12N 5/08 6C12P 21/02 6C12N 5/06 6C12N 5/10 6C12N 15/86**
[25] EN
[54] **SERUM-FREE PRODUCTION OF RECOMBINANT PROTEINS AND ADENOVIRAL VECTORS**
[54] **PRODUCTION SANS SERUM DE PROTEINES RECOMBINANTES ET DE VECTEURS ADENOVIRAUX**
[72] KAMEN, Amine A., CA
[72] MASSIE, Bernard, CA
[72] CÔTÉ, M. T. Johanne, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 1998-11-26
[43] 2000-05-26

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[13] A1
[51] **Int.Cl. 6A61K 31/135 6A61K 47/02**
[25] EN
[54] **PHARMACEUTICAL
COMPOSITION COMPRISING
BUPROPION HYDROCHLORIDE**
[54] **COMPOSITION
PHARMACEUTIQUE COMPRENANT
DU CHLORHYDRATE DE BUPROPION**
[72] SHERMAN, Bernard Charles, CA
[71] SHERMAN, Bernard Charles, CA
[22] 1998-11-23
[43] 2000-05-23

[21] **2,253,771**
[13] A1
[51] **Int.Cl. 6B01D 35/02 6A47G 21/18**
[25] EN
[54] **THE PORTABLE LIQUID FILTER**
[54] **FILTRE A LIQUIDE PORTATIF**
[72] INGLIS, Alex R., CA
[71] INGLIS, Alex R., CA
[22] 1998-11-23
[43] 2000-05-23

[21] **2,253,772**
[13] A1
[51] **Int.Cl. 6A63C 11/02 6A45F 5/00**
[25] EN
[54] **SKI SLING**
[54] **BRETTELLE DE TRANSPORT POUR
SKIS**
[72] KEARNS, David, GB
[71] KEARNS, David, GB
[22] 1998-11-24
[43] 2000-05-24

[21] **2,253,773**
[13] A1
[51] **Int.Cl. 6H05B 6/80 6B65D 81/34
6H05B 6/64**
[25] EN
[54] **TOPLESS MICROWAVE
COOKING DEVICE**
[54] **APPAREIL DE CUISSON PAR
MICRO-ONDES SANS HAUT**
[72] SUNATORI, Go Simon, CA
[71] SUNATORI, Go Simon, CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,253,774**
[13] A1
[51] **Int.Cl. 6A01K 39/01**
[25] EN
[54] **BIRD FEEDER DEVICE WITH
MULTIPLE CONCENTRIC PERCHING
RINGS**
[54] **MANGEOIRE D'OISEAUX MUNIE
DE MULTIPLES ANNEAUX DE
PERCHAGE CONCENTRIQUES**
[72] SUNATORI, Go Simon, CA
[71] SUNATORI, Go Simon, CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,253,777**
[13] A1
[51] **Int.Cl. 6C12F 3/00 6C05F 5/00 6C12S
3/00 6C12P 7/06 6A01H 5/10 6A23K 1/14**
[25] EN
[54] **CO2 REDUCTION PROCESS**
[54] **PROCEDE POUR REDUIRE LA
CONCENTRATION DE CO2**
[72] DeSANTIS, Nino, CA
[71] DeSANTIS, Nino, CA
[22] 1998-11-25
[43] 2000-05-25

[21] **2,253,978**
[13] A1
[51] **Int.Cl. 6A47B 21/00 6G06F 1/16**
[25] EN
[54] **SPACE SAVER PORTABLE
CONVENTIONAL HOME COMPUTER
CARRIAGE**
[54] **CHARIOT D'ORDINATEUR
DOMESTIQUE, CLASSIQUE,
PORTATIF, DE FAIBLE
ENCOMBREMENT**
[72] BOURDON, Pascal Marcel, CA
[71] BOURDON, Pascal Marcel, CA
[22] 1998-11-25
[43] 2000-05-25

[21] **2,253,982**
[13] A1
[51] **Int.Cl. 6A63B 53/04**
[25] EN
[54] **FLAT FACED GOLF CLUB
DRIVERS OR FAIRWAY WOODS
INCORPORATING A HORIZONTALLY
FLAT LEADING EDGE ON THE HEAD
TOP LINE, FOR GOLFING**
[54] **BOIS UN A FACE PLATE OU BOIS
D'ALLEE INCORPORANT UN BORD
D'ATTAQUE HORIZONTALEMENT
PLAT SUR LA LIGNE SUPERIEURE DE
LA TETE DE BATON DE GOLF**
[72] SWIST, Jason, CA
[71] SWIST, Jason, CA
[22] 1998-11-25
[43] 2000-05-25

[21] **2,253,992**
[13] A1
[51] **Int.Cl. 6A61G 5/10**
[25] EN
[54] **ELECTRIC WHEEL CHAIR RACK**
[54] **SUPPORT POUR FAUTEUIL
ROULANT ELECTRIQUE**
[72] HALPENNY, Elmore J., CA
[71] HALPENNY, Elmore J., CA
[22] 1998-11-27
[43] 2000-05-27

[21] **2,253,993**
[13] A1
[51] **Int.Cl. 6B60D 1/58**
[25] EN
[54] **TEE UNIT THAT FITS INTO ALL 2
1/2 INCH SQUARE TUBE ALREADY
INSTALLED ON THE VEHICLE THAT
THIS TEE UNIT IS INSTALLED ON**
[54] **UNITE EN T S'EMBOITANT DANS
UN TUBE DE 2 1/2 POUCES CARRE
INSTALLE SUR UN VEHICULE
AUQUEL LEDIT UNITE EST ATTACHE**
[72] HALPENNY, Elmore J., CA
[71] HALPENNY, Elmore J., CA
[22] 1998-11-27
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21 mai 2000 - 27 mai 2000

[21] **2,253,996**
[13] A1

[51] **Int.Cl. 6A01N 3/00**
[25] EN
[54] **PROCESS FOR PRESERVING DEAD LEAVES AND MAKE THEM USABLE WITHIN VARIOUS OBJECTS SUCH AS BUT NOT LIMITED TO MAGNETS, CARDS, BOOKMARKS, COLLAGES, SCULPTURES, MOBILES AND ADVERTISING MEDIA**
[54] **PROCEDE POUR CONSERVER LES FEUILLES MORTES ET LES UTILISER A L'INTERIEUR DE DIVERS OBJETS, NOTAMMENT AIMANTS, CARTES, SIGNETS, COLLAGES, SCULPTURES, MOBILES ET SUPPORTS PUBLICITAIRES**
[72] VAN DONGEN-VOGELS, Vincent, CA
[71] VAN DONGEN-VOGELS, Vincent, CA
[22] 1998-11-27
[43] 2000-05-27

[21] **2,254,016**
[13] A1

[51] **Int.Cl. 6G02B 5/26**
[25] EN
[54] **OPTICAL FIBER HYDROGEN LOADING SYSTEM FOR FIBER BRAGG GRATING FABRICATION AND FOR LONG PERIOD GRATING FABRICATION**
[54] **SYSTEME DE CHARGEMENT DE L'HYDROGENE PAR FIBRE OPTIQUE POUR LA FABRICATION DE FIBRE DE RESEAU DE BRAGG ET POUR LA FABRICATION EN RESEAU SUR UNE LONGUE PERIODE**
[72] LONG, Pin, CA
[71] LONG, Pin, CA
[22] 1998-11-27
[43] 2000-05-27

[21] **2,254,031**
[13] A1

[51] **Int.Cl. 6A46B 11/04 6A46B 17/00 6A61C 15/04**
[25] EN
[54] **E-Z TRAVEL DENTAL CARE DENTAIRE POUR LE VOYAGE**
[72] ABEBE, Eyob, CA
[71] ABEBE, Eyob, CA
[22] 1998-11-27
[43] 2000-05-27

[21] **2,254,293**
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 3/02 6G06F 1/16**
[25] FR
[54] **MINI ORDINATEURS PORTATIFS MINI-LAPTOP**
[72] LACHAPELLE, Alain, Jr., CA
[71] LACHAPELLE, Alain, Jr., CA
[22] 1998-11-23
[43] 2000-05-23

[21] **2,254,300**
[13] A1

[51] **Int.Cl. 6E06B 3/78 6E06B 3/20**
[25] EN
[54] **METHOD OF FABRICATING A DOOR AND A DOOR**
[54] **METHODE DE FABRICATION D'UNE PORTE ET PORTE**
[72] BARBER, Douglas Victor, CA
[72] MAZIER, Victor Joseph, CA
[71] BARBER, Douglas Victor, CA
[71] MAZIER, Victor Joseph, CA
[22] 1998-11-23
[43] 2000-05-23

[21] **2,254,301**
[13] A1

[51] **Int.Cl. 6B29B 7/72**
[25] EN
[54] **COLOUR BLENDING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE POUR LE MELANGE DE COULEURS**
[72] BRYANT, Edward J., CA
[71] HENGESTONE HOLDINGS INC., CA
[22] 1998-11-23
[43] 2000-05-23

[21] **2,254,302**
[13] A1

[51] **Int.Cl. 6E21D 21/00 6E21D 11/00**
[25] EN
[54] **AN IMPROVED FRICTION WASHER**
[54] **RONDELLE DE FROTTEMENT AMELIOREE**
[72] GAGNON, Donald G., CA
[71] STEWART MINING PRODUCTS INC., CA
[22] 1998-11-23
[43] 2000-05-23

[21] **2,254,384**
[13] A1

[51] **Int.Cl. 6B65G 21/10 6B65G 33/24**
[25] EN
[54] **FOLDING AUGER**
[54] **VIS SANS FIN PLIABLE**
[72] MOONEY, R. Shawn, CA
[72] ZAZULA, Bradley, CA
[71] MOONEY, R. Shawn, CA
[71] ZAZULA, Bradley, CA
[22] 1998-11-23
[43] 2000-05-23

[21] **2,254,402**
[13] A1

[51] **Int.Cl. 6B44C 1/18 6A63H 33/00 6A63H 3/36**
[25] EN
[54] **SNOWMAN KIT**
[54] **NECESSAIRE A BONHOMME DE NEIGE**
[72] MCMULLIN, Ruthanna, CA
[71] MCMULLIN, Ruthanna, CA
[22] 1998-11-23
[43] 2000-05-23

[21] **2,254,422**
[13] A1

[51] **Int.Cl. 6G03B 35/10 6G03D 15/10 6G03B 21/64**
[25] EN
[54] **STEREO PHOTOGRAPHIC SYSTEM**
[54] **SYSTEME STEREOPHOTOGRAPHIQUE**
[72] INABA, Minoru, JP
[71] INABA, Minoru, JP
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,428**
[13] A1

[51] **Int.Cl. 6E04G 23/00 6E04B 2/20 6E04B 1/41**
[25] EN
[54] **MASONRY REINFORCEMENT SYSTEM**
[54] **SYSTEME D'ARMATURE DE MACONNERIE**
[72] LOCKE, Reginald A. J., US
[72] BARNES, Kenyon, US
[71] LOCKE, Reginald A. J., US
[22] 1998-11-24
[43] 2000-05-24

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[13] A1
[51] **Int.Cl. 6C02F 1/44**
[25] EN
[54] **HOUSING FOR A COMPONENT OF A WATER TREATMENT SYSTEM**
[54] **LOGEMENT POUR UN COMPOSANT DE SYSTEME DE TRAITEMENT DE L'EAU**
[72] HANEY, Harold E., MX
[72] TORRES-LOBO, Julio, MX
[71] ATP INTERNATIONAL LTD., BS
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,451**
[13] A1
[51] **Int.Cl. 6E01C 9/00 6E04B 1/62**
[25] EN
[54] **STRUCTURES HAVING AN INSULATED CONCRETE COMPONENT**
[54] **STRUCTURES COMPRENANT UN ELEMENT DE BETON ISOLE**
[72] GUINDON, Benoît, CA
[71] GUINDON, Benoît, CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,457**
[13] A1
[51] **Int.Cl. 6A01G 9/14**
[25] EN
[54] **INSULATED GREENHOUSE**
[54] **SERRE ISOLEE**
[72] MILBURN, Douglas I., CA
[71] MILBURN, Douglas I., CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,460**
[13] A1
[51] **Int.Cl. 6C07K 1/04 6B01J 19/00 6C23C 14/04 6G01N 1/28**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE COMBINATORIAL SYNTHESIS OF NOVEL MATERIALS**
[54] **SYSTEMES ET METHODES POUR LA SYNTHESE COMBINATOIRE DE NOUVEAUX MATERIAUX**
[72] GOLDWASSER, Isy, US
[72] WU, Xin Di, US
[72] WANG, Youqi, US
[71] SYMYX TECHNOLOGIES, US
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,464**
[13] A1
[51] **Int.Cl. 6F16F 13/30 6F16F 6/00 6B60G 17/015 6B60G 13/02 6B64C 27/51**
[25] EN
[54] **MAGNETIC PARTICLE DAMPER APPARATUS**
[54] **AMORTISSEUR MAGNETIQUE**
[72] SADLER, Stanley G., US
[72] AGNIHOTRI, Ashok K., US
[71] BELL HELICOPTER TEXTRON, INC., US
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,469**
[13] A1
[51] **Int.Cl. 6A01F 11/00 6A01F 7/02**
[25] EN
[54] **A DEVICE FOR SEPARATING LEAVES FROM BRANCHES**
[54] **DISPOSITIF POUR SEPARER LES FEUILLES DES BRANCHES**
[72] MAYBEE, Gary, CA
[71] MAYBEE, Gary, CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,478**
[13] A1
[51] **Int.Cl. 6H05G 1/26 6G12B 13/00 6H05G 1/38**
[25] EN
[54] **METHOD AND DEVICE TO CALIBRATE AN AUTOMATIC EXPOSURE CONTROL DEVICE IN AN X-RAY IMAGING SYSTEM**
[54] **METHODE ET DISPOSITIF D'ETALONNAGE D'UN DISPOSITIF DE COMMANDE AUTOMATIQUE DE L'EXPOSITION DANS UN SYSTEME D'IMAGERIE A RAYONS X**
[72] HUNTER, David MacKenzie, CA
[72] JOY, Michael L. G., CA
[71] COMMUNICATIONS & POWER INDUSTRIES CANADA INC., CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,478**
[13] A1
[51] **Int.Cl. 6H05G 1/26 6G12B 13/00 6H05G 1/38**
[25] EN
[54] **METHOD AND DEVICE TO CALIBRATE AN AUTOMATIC EXPOSURE CONTROL DEVICE IN AN X-RAY IMAGING SYSTEM**
[54] **METHODE ET DISPOSITIF D'ETALONNAGE D'UN DISPOSITIF DE COMMANDE AUTOMATIQUE DE L'EXPOSITION DANS UN SYSTEME D'IMAGERIE A RAYONS X**
[72] HUNTER, David MacKenzie, CA
[72] JOY, Michael L. G., CA
[71] COMMUNICATIONS & POWER INDUSTRIES CANADA INC., CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,491**
[13] A1
[51] **Int.Cl. 6H02H 9/04 6H02H 9/06**
[25] EN
[54] **DISPLAY TYPE SURGE SUPPRESSOR**
[54] **SUPPESSEUR DE SURTENSION A AFFICHAGE**
[72] LIAO, Shun-An, TW
[71] LIAO, Shun-An, TW
[22] 1998-11-25
[43] 2000-05-25

[21] **2,254,492**
[13] A1
[51] **Int.Cl. 6A61F 5/01**
[25] EN
[54] **SURGICAL CAST VENTING DEVICE**
[54] **DISPOSITIF D'AERATION POUR PLATRE CHIRURGICAL**
[72] BARBERIO, Alessandro, CA
[71] BARBERIO, Alessandro, CA
[22] 1998-11-25
[43] 2000-05-25

[21] **2,254,496**
[13] A1
[51] **Int.Cl. 6A44C 13/00 6A44B 21/00 6A44C 25/00**
[25] EN
[54] **JEWELLRY SNAP SYSTEM**
[54] **SYSTEME DE FERMOIR POUR BIJOUX**
[72] MAR, Cydney, CA
[71] MAR, Cydney, CA
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,499**
[13] A1
[51] **Int.Cl. 6D06M 15/233 6D06B 1/00 6D06M 15/263 6D06M 15/31 6B05D 1/38 6D06M 15/564 6D06M 11/79**
[25] EN
[54] **BREATHABLE TENT FABRIC**
[54] **TISSU POUR TENTES IMPER-RESPIRANT**
[72] SIMARD, François, CA
[71] STEDFAST INC., CA
[22] 1998-11-25
[43] 2000-05-25

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21 mai 2000 - 27 mai 2000

[21] **2,254,510**
[13] A1

[51] **Int.Cl. 6E04B 1/41 6E04C 1/00**
[25] EN
[54] **BRICK ANCHOR SYSTEM**
[54] **SYSTEME D'ANCRAGE DE BRIQUES**
[72] HATZINIKOLAS, MICHAEL, CA
[71] HATZINIKOLAS, MICHAEL, CA
[22] 1998-11-25
[43] 2000-05-25

[21] **2,254,512**
[13] A1

[51] **Int.Cl. 6C08F 210/02 6C08F 210/18 6C08F 4/64**
[25] EN
[54] **SLURRY POLYMERIZATION PROCESS USING AN UNSUPPORTED PHOSPHINIMINE CATALYST**
[54] **PROCESSUS DE POLYMERISATION EN SUSPENSION UTILISANT UN CATALYSEUR NON SUPPORTE A BASE DE PHOSPHINIMINE**
[72] McKAY, Ian, CA
[72] JEREMIC, DUSAN, CA
[72] WANG, Qinyan, CA
[72] CHISHOLM, P. Scott, CA
[71] NOVA CHEMICALS LTD., CA
[22] 1998-11-25
[43] 2000-05-25

[21] **2,254,519**
[13] A1

[51] **Int.Cl. 6F16B 7/00 6B63B 35/613 6B63B 35/73**
[25] EN
[54] **STRUCTURAL ROD JOINING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ASSEMBLAGE DE BIELLES**
[72] WINSTON, Patricia, US
[71] INDUSTRIAL THERMO POLYMERS LIMITED, CA
[22] 1998-11-26
[43] 2000-05-26

[21] **2,254,520**
[13] A1

[51] **Int.Cl. 6A61L 2/26**
[25] FR
[54] **DISPOSITIF DE SUPPORT D'INSTRUMENTS DANS UNE ENCEINTE NOTAMMENT DE DECONTAMINATION, ENCEINTE CORRESPONDANTE**
[54] **INSTRUMENT SUPPORT DEVICE FOR USE IN AN ENCLOSURE, SPECIFICALLY A DECONTAMINATION ENCLOSURE, AND THE ENCLOSURE ITSELF**
[72] MORELLO, Gérard, FR
[71] T.S.R. SA, FR
[22] 1998-11-24
[43] 2000-05-24

[21] **2,254,523**
[13] A1

[51] **Int.Cl. 6B27B 7/00 6B27B 7/02**
[25] EN
[54] **CIRCULAR - THIN KERF - DOUBLE CUT GUIDED SAWMILL**
[54] **SCIE A BOIS CIRCULAIRE BICOUPE GUIDEE A LAMES MINCES**
[72] AINSLEY, Lawrence, CA
[71] AINSLEY, Lawrence, CA
[71] LES ÉQUIPEMENTS FORESTIERS CARDINAL INC., CA
[22] 1998-11-26
[43] 2000-05-26

[21] **2,254,530**
[13] A1

[51] **Int.Cl. 6F16K 3/30 6F16K 3/314 6F16K 31/50**
[25] EN
[54] **PLUG VALVE**
[54] **ROBINET A TOURNANT**
[72] CICERO, Charles Lo, CA
[71] CICERO, Charles Lo, CA
[22] 1998-11-26
[43] 2000-05-23
[30] US (09/199,012) 1998-11-23

[21] **2,254,535**
[13] A1

[51] **Int.Cl. 6G01P 15/03 6G01C 23/00 6B60R 21/32 6B60R 22/46**
[25] EN
[54] **SENSOR FOR DETECTION OF ACCELERATION AND ATTITUDE WITHIN A VEHICLE**
[54] **CAPTEUR D'ACCELERATION ET D'ATTITUDE DANS UN VEHICULE**
[72] REIMER, Ernest M., CA
[72] BALDWIN, Lorna H., CA
[71] CANPOLAR EAST INC., CA
[22] 1998-11-26
[43] 2000-05-26

[21] **2,254,538**
[13] A1

[51] **Int.Cl. 6G01B 11/16 6G01B 17/04 6G01B 15/06 6B60R 21/32 6B60R 22/46**
[25] EN
[54] **COLLISION DEFORMATION SENSOR FOR USE IN THE CRUSH ZONE OF A VEHICLE**
[54] **DETECTEUR DE DEFORMATIONS CAUSEES PAR LES COLLISIONS UTILISE DANS LA ZONE D'ABSORPTION DE CHOC D'UN VEHICULE**
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[72] BALDWIN, Lorna H., CA
[71] CANPOLAR EAST INC., CA
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[54] **DEVICE AND METHOD FOR THE SYNCHRONIZATION OF PSEUDO-RANDOM SEQUENCES**
[54] **DISPOSITIF ET METHODE DE SYNCHRONISATION DE SEQUENCES PSEUDO-ALEATOIRES**
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[51] **Int.Cl. 6E02B 8/04 6E02D 37/00**
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[54] **DISPOSITIF ET METHODE DE REFECTION D'UNE SURFACE PLANE**
[54] **DEVICE AND METHOD FOR REFINING A FLAT SURFACE**
[72] LIMOGES, Michel, CA
[71] HYDRO-MÉCANIQUE CONSTRUCTION INC., CA
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[54] **PERSIENNE LAMINEE AU MOYEN D'UN FILM TRES MINCE**
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[72] LEVY, Daniel, CA
[71] CIANCI, Angelo, CA
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[54] **PINCE A ARTERE**
[72] LAM, Anthony, CA
[71] LAM, Anthony, CA
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[54] **ALUMINUM-PHOSPHINIMINE COMPLEXES AS CATALYSTS FOR THE (CO)POLYMERIZATION OF ETHYLENE**
[54] **COMPLEXES ALUMINIUM-PHOSPHINIMINE UTILISES COMME CATALYSEURS POUR LA (CO)POLYMERISATION DE L'ETHYLENE**
[72] GAO, Xiaoliang, CA
[72] WANG, Qinyan, CA
[72] McMEEKING, John, CA
[72] XU, Wei, CA
[72] STEPHAN, DOUGLAS W., CA
[71] NOVA CHEMICALS LTD., CA
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[51] **Int.Cl. 6C01B 17/94**
[25] EN
[54] **A PROCESS FOR PURIFYING AND CONCENTRATING SPENT SULPHURIC ACIDS**
[54] **PROCEDE POUR PURIFIER ET CONCENTRER DES SOLUTIONS USEES D'ACIDE SULFURIQUE**
[72] GRENNER, Dieter, DE
[72] BECKHAUS, Heiko, DE
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[51] **Int.Cl. 6A45F 5/00 6A45F 5/02 6A45F 5/14**
[25] EN
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[72] ROGERS, William H., US
[71] SAFARILAND LTD., INC., US
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[51] **Int.Cl. 6A61M 15/00 6A61M 16/00 6A61M 16/10**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATMENT OF RESPIRATORY INFECTIONS BY NITRIC OXIDE INHALATION**
[54] **METHODE ET APPAREIL POUR TRAITER LES INFECTIONS RESPIRATOIRES PAR L'INHALATION D'OXYDE NITRIQUE**
[72] MILLER, Chris, CA
[71] PULMONOX MEDICAL CORPORATION, CA
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[54] **DISTRIBUTEUR AUTOMATIQUE DE CIGARES**
[72] RAWLINS, Mark Wayne, CA
[71] SLIM LINE DESIGN LTD., CA
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[54] **DISPOSITIF D'ECONOMIE D'EAU POUR CHASSE D'EAU DE TOILETTE**
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[54] **APPAREIL ET METHODE DE TRACAGE SUR DES CARREAUX**
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[71] ULTRAFRAME (UK) LIMITED, GB
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[72] GUINDON, Benoît, CA
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[51] **Int.Cl. 6A47J 37/07**
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[72] DIDIO-SAYER, Debbie, CA
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[54] **LIGAND DE PHOSPHINIMINE SUSBTITUEE SUR L'ATOME D'AZOTE**
[72] SPENCE, Rupert Edward von Haken, CA
[72] JEREMIC, DUSAN, CA
[72] KOCH, Linda, CA
[72] BROWN, STEPHEN JOHN, CA
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[54] **ETAI EN FORME DE Z POUR UN PANNEAU DE PORTE**
[72] unknown, ZZ
[71] RICHARDS-WILCOX CANADA INC., CA
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[25] EN
[54] **PROGRAMMABLE INPUT/ OUTPUT CIRCUIT FOR FPGA FOR USE IN TTL, GTL, GTLP, LVPECL AND LVDS CIRCUITS**
[54] **CIRCUIT D'ENTREE-SORTIE PROGRAMMABLE POUR PREDIFFUSE PROGRAMMABLE, POUR UTILISATION DANS DES CIRCUITS TTL, GTL, LVPECL ET LVDS**
[72] ZALIZNYAK, Arch, US
[72] BOBRA, Yogendra Kumar, US
[72] MENON, Suresh Manohar, US
[72] GHIA, Atul V., US
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[25] EN
[54] **MOUNT FOR A PUNCHING BAG SUPPORT A PUNCHING-BALL**
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[72] PECSVARADI, Peter B., US
[71] BALAZS INC., US
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[54] **IMPROVEMENTS IN AND RELATING TO INSTALLATION OF WINDOWS**
[54] **AMELIORATIONS APORTEES A LA POSE DES FENETRES ET S'Y RAPPORANT**
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[54] **CLAMP DE SURETE**
[54] **SAFETY CLAMP**
[72] RENÉ, Yves, CA
[72] MORIN, Marius, US
[72] DARVEAU, Denis, CA
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[72] GAREAU, Doris, CA
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[25] FR
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[54] **SEAL**
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[51] **Int.Cl. 6A63F 9/04**
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[51] **Int.Cl. 6C07K 1/30 6C12N 9/00 6A23J 1/20**
[25] EN
[54] **A PROCESS FOR THE ISOLATION OF PROTEIN CONCENTRATES ON THEIR NATIVE STATE FROM MILK UNDER STERILE CONDITIONS**
[54] **PROCEDE D'ISOLATION DE CONCENTRES PROTEINIQUES, SOUS LEUR FORME NATURELLE DANS LE LAIT, DANS DES CONDITIONS STERILES**
[72] MARTIN, Geneviève, CA
[72] ST-GEORGES, Maryse, CA
[72] BEAUDOIN, Adrien, CA
[71] MARTIN, Geneviève, CA
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[72] ROTONDI, Anthony J., US
[71] TRUTH HARDWARE CORPORATION, US
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[54] **UNE FERMENTATION AEROBIE ACCELEREE ET CONTROLEE**
[72] HEAD, Malcolm, J., US
[71] HEAD, Malcolm, J., US
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[54] **PROCEDE DE PREPARATION D'ADHESIFS AUTOCOLLANTS**
[72] BREDAHL, Timothy D., US
[72] MUNSON, Daniel C., US
[72] GOETSCH, Herbert W., US
[72] OBERTHIER, John M., CA
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
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[51] **Int.Cl. 6B29C 57/10**
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[54] **MACHINE ET METHODE DE FABRICATION DE TUBES THERMOPLASTIQUES**
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[72] RHOADES, John J., US
[71] PLASTIC TUBES NORTH AMERICA, INC., US
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[51] **Int.Cl. 6H03K 19/0175 6H03K 19/173 6H03K 19/177**
[25] EN
[54] **PROGRAMMABLE INPUT/ OUTPUT CIRCUIT FOR FPGA FOR USE IN TTL, GTL, GTLP, LVPECL AND LVDS CIRCUITS**
[54] **CIRCUIT D'ENTREE-SORTIE PROGRAMMABLE POUR PREDIFFUSE PROGRAMMABLE, POUR UTILISATION DANS DES CIRCUITS TTL, GTL, LVPECL ET LVDS**
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[72] CULLEY, David Heath, CA
[72] BOYD, Graeme B., CA
[71] PMC-SIERRA LTD., CA
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[54] **ROOF CURB AND METHOD OF INSTALLATION**
[54] **REBORD DE TOIT ET METHODE D'INSTALLATION**
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[71] GOLDEN EAGLE BUILDING PRODUCTS, INC., US
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[51] **Int.Cl. 6C08J 3/09 6C08L 27/22**
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[54] **PREPARATION DE SOLUTIONS DE POLYMERES SULFONIQUES FLUORES**
[72] MACCONE, Patrizia, IT
[72] ZOMPATORI, Alberto, IT
[71] AUSIMONT S.P.A., IT
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[71] PEMBROKE ENVIRONMENTAL SERVICES LTD., CA
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[54] **COMMUTATEUR D'ALARME ELECTROMAGNETIQUE, INVOLABLE, A VERROU INTEGRE**
[72] HAYDEN, WILLIAM, US
[72] SHOEN, EDWARD J., US
[71] U-HAUL INTERNATIONAL, INC., US
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[72] TUNNELL, TIMOTHY A., US
[71] U-HAUL INTERNATIONAL, INC., US
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[54] **MELANGES D'AGENTS GONFLANTS**
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[72] WU, JINHUANG, US
[72] CROOKER, RICHARD M., US
[71] ELF ATOCHEM NORTH AMERICA, INC., US
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[72] CONNER, EDWARD L., US
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[51] **Int.Cl. 6E21B 33/12**
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[54] **JOINT DE FOND AVEC DISPOSITIF DE LIMITATION D'EXTRUSION D'ELEMENT**
[72] DOANE, JAMES C., US
[72] MIRELES, HECTOR H., JR., US
[71] BAKER HUGHES INCORPORATED, US
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[51] **Int.Cl. 6A61H 3/04 6A61G 5/10**
[25] EN
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[54] **SUPER-POIGNEES RETRACTABLES POUR MARCHETTES**
[72] MacKINNON, JOHN, CA
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[54] **BUT DE SPORT PLIANT SECURITAIRE EN UNE PIECE**
[72] FULLER, MICHAEL G., CA
[71] FULLER, MICHAEL G., CA
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[54] **BORNIER SANS VIS**
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[54] **TOUR PORTATIF A PALIERS LISSES**
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[54] **EMBALLAGE AROMATISE POUR ALIMENT**
[72] PRASAD, NIKHIL, US
[72] WILLEY, JEFFREY, US
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[21] **2,282,071**
[13] A1
[51] **Int.Cl. 6E05F 5/00 6E05F 15/14**
[25] EN
[54] **DYNAMIC BRAKE FOR POWER DOOR**
[54] **FREIN DYNAMIQUE POUR PORTE ELECTRIQUE**
[72] CALAMATAS, PHILIP J., CA
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
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[21] **2,282,787**
[13] A1
[51] **Int.Cl. 6B62D 55/104**
[25] EN
[54] **SNOWMOBILE SUSPENSION SYSTEM**
[54] **SUSPENSION DE MOTONEIGE**
[72] BOIVIN, DENIS, CA
[72] BOIVIN, ALAIN, CA
[71] A & D BOIVIN DESIGN INC., CA
[22] 1999-09-17
[43] 2000-05-24
[30] US (09/198,582) 1998-11-24

[21] **2,282,801**
[13] A1
[51] **Int.Cl. 6G21F 5/015 6G21F 5/06**
[25] EN
[54] **CONTAINER FOR RADIOISOTOPES**
[54] **CONTENANT POUR RADIOISOTOPES**
[72] OELSNER, STEVE, CA
[71] MDS NORDION INC., CA
[22] 1999-09-17
[43] 2000-05-25
[30] US (09/199,698) 1998-11-25

[21] **2,282,880**
[13] A1
[51] **Int.Cl. 6B23K 9/12**
[25] EN
[54] **SHORT CIRCUIT WELDER**
[54] **SOUDEUSE A COURT-CIRCUIT**
[72] STAVA, ELLIOTT K., US
[71] LINCOLN GLOBAL, INC., US
[22] 1999-09-20
[43] 2000-05-27
[30] US (09/200,594) 1998-11-27

[21] **2,282,883**
[13] A1
[51] **Int.Cl. 6H04L 12/24 6H04L 12/56**
[25] EN
[54] **A MECHANISM TO GUARANTEE QUALITY OF SERVICE TO REAL-TIME TRAFFIC ON IP NETWORKS**
[54] **MECANISME SERVANT A GARANTIR LA QUALITE DU SERVICE ASSURE AU TRAFIC EN TEMPS REEL SUR LES RESEAUX INTERNET**
[72] AKHTAR, SHAHID, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-09-20
[43] 2000-05-25
[30] US (09/200,262) 1998-11-25

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[21] **2,284,069**
[13] A1

[51] **Int.Cl. 6E04B 1/41**
[25] EN
[54] **BRICK ANCHOR SYSTEM**
[54] **SYSTEME D'ANCRAGE DE BRIQUES**
[72] HATZINIKOLAS, MICHAEL, CA
[71] LATHICO INDUSTRIES LTD., CA
[71] LATHICO INDUSTRIES LTD., CA
[22] 1999-09-28
[43] 2000-05-25
[30] CA (2,254,510) 1998-11-25

[21] **2,284,391**
[13] A1

[51] **Int.Cl. 6C22F 1/04**
[25] EN
[54] **IMPROVED METHOD FOR PREPARING PRE-COATED ALUMINUM-ALLOY COMPONENTS AND COMPONENTS PREPARED THEREBY**
[54] **METHODE AMELIOREE POUR LA PREPARATION DE COMPOSANTS EN ALLIAGE D'ALUMINIUM REVETUS D'UNE PRECOUCHE ET COMPOSANTS PREPARES PAR CETTE METHODE**
[72] KEENER, STEVEN G., US
[72] BYRD, NORMAN R., US
[71] THE BOEING COMPANY, US
[22] 1999-10-01
[43] 2000-05-24
[30] US (09/198,382) 1998-11-24

[21] **2,284,419**
[13] A1

[51] **Int.Cl. 6H04M 3/22 6H04M 3/24**
[25] EN
[54] **REMOTE SUBSCRIBER LINE UNIT PROVISIONING SYSTEM FOR USE WITH VOICE COMMUNICATION FACILITIES**
[54] **SYSTEME DE FOURNITURE POUR UNITE DE LIGNE D'ABONNE A DISTANCE FONCTIONNANT AVEC INSTALLATIONS DE COMMUNICATION VOCALE**
[72] AKHTERUZZAMAN, AKHTAR, US
[72] SAND, PAUL RAYMOND, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-09-30
[43] 2000-05-23
[30] US (09/197,652) 1998-11-23

[21] **2,285,097**
[13] A1

[51] **Int.Cl. 6H04Q 1/02 6H04Q 7/30**
[25] EN
[54] **MOUNTING ARRANGEMENT FOR COMMUNICATIONS NETWORK BASE STATIONS WITHIN A TOWER INTERIOR**
[54] **CONFIGURATION DE MONTAGE POUR STATIONS DE BASE DE RESEAU DE COMMUNICATIONS A L'INTERIEUR D'UNE TOUR**
[72] GATES, FRANK VERNON, US
[72] DELGADO, SERGIO ANDRES, US
[72] RUBINOVITZ, DANIELLA RUTH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-06
[43] 2000-05-23
[30] US (09/197,846) 1998-11-23

[21] **2,285,098**
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6H04Q 7/24**
[25] EN
[54] **A METHOD AND APPARATUS FOR DETERMINING AN ADDRESS UNIQUELY IDENTIFYING A HARDWARE COMPONENT ON A COMMON BUS**
[54] **METHODE ET APPAREILLAGE DE DETERMINATION D'UNE ADRESSE DESIGNANT SPECIFIQUEMENT UN ELEMENT MATERIEL SUR UN BUS COMMUN**
[72] EBY, PAULA M., US
[72] RUBIN, HARVEY, US
[72] STREGE, KEITH ELDEN, US
[72] SIMMONS, MICHAEL RALPH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-06
[43] 2000-05-23
[30] US (09/198,289) 1998-11-23

[21] **2,285,693**
[13] A1

[51] **Int.Cl. 6A41D 1/04**
[25] EN
[54] **REVERSIBLE SWEATER WITH OPPOSING SIDES THAT OPTIONALLY PRESENT EITHER CUSTOMARY APPEARANCE OR ENHANCED VISIBILITY**
[54] **CHANDAIL REVERSIBLE AVEC COTES OPPOSES AYANT AU CHOIX UN ASPECT ORDINAIRE OU PLUS VISIBLE**
[72] BLAUER, STEPHEN J., US
[72] ATALLAH, TOUFIC G., US
[72] MORDECAI, MARK A., US
[71] BLAUER MANUFACTURING COMPANY, INC., US
[22] 1999-10-06
[43] 2000-05-23
[30] US (09/197,872) 1998-11-23

[21] **2,285,789**
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 12/28**
[25] EN
[54] **LINK CAPACITY COMPUTATION METHODS AND APPARATUS FOR DESIGNING IP NETWORKS WITH PERFORMANCE GUARANTEES**
[54] **METHODES ET APPAREIL DE CALCUL DE LA CAPACITE DES LIAISONS POUR FINS DE CONCEPTION DE RESEAUX IP AVEC GARANTIES DE PERFORMANCES**
[72] MITTAL, AJAY KUMAR, US
[72] BENMOHAMED, LOTFI, US
[72] LAU, WING CHEONG, US
[72] DRAVIDA, SUBRAHMANYAM, US
[72] HARSHAVARDHANA, PARAMASIVIAH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-08
[43] 2000-05-24
[30] US (09/198,727) 1998-11-24

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[21] 2,285,802
[13] A1

[51] Int.Cl. 6H04Q 7/36 6H04Q 7/24
[25] EN
[54] A METHOD AND APPARATUS FOR DYNAMICALLY DETERMINING AN ADDRESS UNIQUELY IDENTIFYING A HARDWARE COMPONENT ON A COMMON BUS
[54] METHODE ET APPAREILLAGE DE DETERMINATION DYNAMIQUE D'UNE ADRESSE DESIGNANT SPECIFIQUEMENT UN ELEMENT MATERIEL SUR UN BUS COMMUN
[72] SCHAFRANEK, ALEX, US
[72] STREGE, KEITH ELDEN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-08
[43] 2000-05-23
[30] US (09/198,098) 1998-11-23

[21] 2,285,866
[13] A1

[51] Int.Cl. 6H02M 1/12 6H02M 7/06
[25] EN
[54] TWO-STAGE, THREE-PHASE BOOST CONVERTER AND METHOD OF REDUCING TOTAL HARMONIC DISTORTION FOR THE SAME
[54] CONVERTISSEUR ELEVATEUR DE TENSION A DEUX ETAGES ET TROIS PHASES ET METHODE DE REDUCTION DE LA DISTORSION HARMONIQUE TOTALE DU CONVERTISSEUR
[72] JACOBS, MARK ELLIOTT, US
[72] HE, JIN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-15
[43] 2000-05-24
[30] US (09/199,289) 1998-11-24

[21] 2,286,417
[13] A1

[51] Int.Cl. 6H04Q 7/36 6H04B 7/216
[25] EN
[54] METHODS AND APPARATUS FOR WIRELESS COMMUNICATION USING CODE DIVISION DUPLEX TIME-SLOTTED CDMA
[54] METHODES ET APPAREILS DE COMMUNICATION SANS FIL UTILISANT L'AMRC A INTERVALLES DE TEMPS POUR DUPLEXAGE PAR REPARTITION EN CODE
[72] MUJTABA, SYED AON, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-18
[43] 2000-05-25
[30] US (09/200,521) 1998-11-25

[21] 2,285,804
[13] A1

[51] Int.Cl. 6H04L 12/56 6H04L 12/28
[25] EN
[54] NETWORK TOPOLOGY OPTIMIZATION METHODS AND APPARATUS FOR DESIGNING IP NETWORKS WITH PERFORMANCE GUARANTEES
[54] METHODES ET APPAREIL D'OPTIMALISATION DE TOPOLOGIE RESEAU POUR FINS DE CONCEPTION DE RESEAUX IP AVEC GARANTIES DE PERFORMANCES
[72] HARSHAVARDHANA, PARAMASIVIAH, US
[72] LAU, WING CHEONG, US
[72] BENMOHAMED, LOTFI, US
[72] DRAVIDA, SUBRAHMANYAM, US
[72] MITTAL, AJAY KUMAR, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-12
[43] 2000-05-24
[30] US (09/198,728) 1998-11-24

[21] 2,285,916
[13] A1

[51] Int.Cl. 6B65H 45/04
[25] EN
[54] AUTOMATICALLY CONTINUOUSLY VARIABLE FOLD POSITION SHEET FOLDING SYSTEM WITH AUTOMATIC LENGTH AND SKEW CORRECTION
[54] SYSTEME DE PLIAGE DE FEUILLES PERMETTANT LA VARIATION AUTOMATIQUE CONTINUE DE LA POSITION DE PLIAGE ET LA CORRECTION AUTOMATIQUE DE LA LONGUEUR ET DE L'OBLIQUETE
[72] MANDEL, BARRY P., US
[72] FERRARA, JOSEPH J., US
[71] XEROX CORPORATION, US
[22] 1999-10-13
[43] 2000-05-23
[30] US (09/197,976) 1998-11-23

[21] 2,286,492
[13] A1

[51] Int.Cl. 6B66B 9/02 6B66B 11/04 6H04Q 7/30 6E04H 12/34
[25] EN
[54] TOWER HOIST MECHANISM CONFINED WITHIN A TOWER INTERIOR
[54] MECANISME DE LEVAGE DE TOUR CONTENU DANS UNE TOUR
[72] GATES, FRANK VERNON, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-07
[43] 2000-05-23
[30] US (09/198,102) 1998-11-23

[21] 2,286,517
[13] A1

[51] Int.Cl. 6C08K 5/37 6C09K 15/10 6C09K 15/12 6C09K 15/28 6C09K 15/32 6C08K 5/46
[25] EN
[54] LATENT MERCAPTAN STABILIZERS FOR IMPROVED WEATHERABILITY OF CLEAR HALOGEN-CONTAINING POLYMER COMPOSITIONS
[54] STABILISANTS A BASE DE MERCAPTAN LATENT SERVANT A AMELIORER LA RESISTANCE AUX INTEMPERIES DE COMPOSITIONS POLYMERIQUES TRANSPARENTES CONTENANT UN HALOGENE
[72] CONROY, GARY M., US
[72] NORRIS, GENE K., US
[72] DUVALL, TOD C., US
[71] MORTON INTERNATIONAL, INC., US
[22] 1999-10-18
[43] 2000-05-25
[30] US (09/200,145) 1998-11-25

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[21] **2,286,640**
[13] A1

[51] **Int.Cl. 6H04N 7/50**
[25] EN
[54] **RATE CONTROL FOR MPEG TRANSCODER WITHOUT A PRIORI KNOWLEDGE OF PICTURE TYPE**
[54] **REGULATION DE DEBIT DANS UN TRANSCODEUR MPEG, SANS CONNAISSANCE PREALABLE DU TYPE D'IMAGE**
[72] EIFRIG, ROBERT O., US
[72] LUTHRA, AJAY, US
[72] WANG, LIMIN, US
[71] GENERAL INSTRUMENT CORPORATION, US
[22] 1999-10-18
[43] 2000-05-24
[30] US (09/198,867) 1998-11-24

[21] **2,286,827**
[13] A1

[51] **Int.Cl. 6B65C 9/20 6B65B 51/06**
[25] EN
[54] **BANDEROLE GLUING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE POUR L'ENCOLLAGE DE BANDEROLES**
[72] JUNG, THOMAS, DE
[72] KREMER, THOMAS, DE
[71] BROWN & WILLIAMSON TOBACCO CORPORATION, US
[22] 1999-10-18
[43] 2000-05-27
[30] EP (98 122 510.5) 1998-11-27

[21] **2,286,973**
[13] A1

[51] **Int.Cl. 6C09D 11/00 6B32B 27/08 6B32B 3/30**
[25] EN
[54] **HOT MELT CALENDERED OR EXTRUDED WEAR LAYER FOR EMBOSSED SUBSTRATES AND METHOD OF MANUFACTURE**
[54] **COUCHE D'USURE THERMOFUSIBLE CALANDREE OU EXTRUDEE POUR SUBSTRATS GAUFRES ET METHODE DE FABRICATION CONNEXE**
[72] SCHNEIDER, DONALD E., US
[72] McQUATE, WILLIAM M., US
[72] CHRISTIE, PETER A., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 1999-10-20
[43] 2000-05-27
[30] US (09/200,813) 1998-11-27

[21] **2,287,001**
[13] A1

[51] **Int.Cl. 6H04B 3/04 6H04M 11/06**
[25] EN
[54] **FAST START-UP IN DISCRETE MULTI-TONE (DMT) BASED COMMUNICATIONS SYSTEMS**
[54] **DEMARRAGE RAPIDE DANS DES SYSTEMES DE COMMUNICATION A MULTITONALITE DISCRETE (DMT)**
[72] WERNER, JEAN-JACQUES, US
[72] YANG, JIAN, US
[72] LARSSON, PATRIK, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-19
[43] 2000-05-25
[30] US (09/199,775) 1998-11-25

[21] **2,287,004**
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04L 5/16**
[25] EN
[54] **METHOD AND APPARATUS FOR WIRELESS COMMUNICATION USING TIME DIVISION DUPLEX TIME-SLOTTED CDMA**
[54] **METHODES ET APPAREILS DE COMMUNICATION SANS FIL UTILISANT L'AMRC A INTERVALLES DE TEMPS POUR DUPLEXAGE PAR REPARTITION EN CODE**
[72] MUJTABA, SYED AON, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-19
[43] 2000-05-25
[30] US (09/200,522) 1998-11-25

[21] **2,287,022**
[13] A1

[51] **Int.Cl. 6H04Q 7/36 6H04J 11/00**
[25] EN
[54] **METHODS AND APPARATUS FOR WIRELESS COMMUNICATION USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING**
[54] **METHODES ET APPAREILS DE COMMUNICATION SANS FIL UTILISANT LE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE**
[72] MUJTABA, SYED AON, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-20
[43] 2000-05-25
[30] US (09/200,523) 1998-11-25

[21] **2,287,065**
[13] A1

[51] **Int.Cl. 6B08B 9/06 6E03C 1/122 6E03C 1/30**
[25] FR
[54] **SIPHON DEBOUCHEUR**
[54] **UNBLOCKING-TYPE SIPHON**
[72] DAGHER, WILLIAM, CA
[71] DAGHER, WILLIAM, CA
[22] 1999-10-14
[43] 2000-05-23

[21] **2,287,114**
[13] A1

[51] **Int.Cl. 6F16J 15/10 6B60R 13/06 6B29C 44/22**
[25] EN
[54] **MOTOR VEHICLE SEAL ASSEMBLY AND METHOD OF MANUFACTURE**
[54] **JOINT POUR VEHICULE A MOTEUR ET METHODE DE FABRICATION**
[72] ROOD, KENNETH W., US
[71] ROOD, KENNETH W., US
[22] 1999-10-19
[43] 2000-05-23
[30] US (198,993) 1998-11-23

[21] **2,287,128**
[13] A1

[51] **Int.Cl. 6F16B 37/12 6F16B 39/28**
[25] EN
[54] **A MULTIPLE WASHER NUT AND METHOD OF MAKING**
[54] **ECROU FORME DE PLUSIEURS RONDELLES ET METHODE DE FABRICATION**
[72] MITTS, RICHARD K., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1999-10-25
[43] 2000-05-25
[30] US (09/199,547) 1998-11-25

[21] **2,287,297**
[13] A1

[51] **Int.Cl. 6B65D 71/44**
[25] EN
[54] **DIVISIBLE CONTAINER CARRIER**
[54] **PORTE-CONTENANTS DIVISIBLE**
[72] OLSEN, ROBERT, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1999-10-25
[43] 2000-05-24
[30] US (09/198,838) 1998-11-24

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[21] **2,287,633**
[13] A1
[51] **Int.Cl. 6B65D 71/12**
[25] EN
[54] **PANEL CONTAINER CARRIER**
[54] **PORTE-CONTENEURS A**
PANNEAU
[72] SLOMSKI, EDWARD J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1999-10-27
[43] 2000-05-23
[30] US (09/198,003) 1998-11-23

[21] **2,287,651**
[13] A1
[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **A METHOD OF LOCAL FLOW**
CONTROL IN AN ASYNCHRONOUS
TRANSFER MODE NETWORK
UTILIZING PNNI ROUTING
PROTOCOL
[54] **METHODE DE COMMANDE**
LOCALE DU DEBIT DANS UN RESEAU
A MODE DE TRANSFERT
ASYNCHRONE UTILISANT LE
PROTOCOLE DE ROUTAGE PNNI
[72] ROCHBERGER, HAIM, IL
[72] OR, ALEXANDER, IL
[72] BENSTEAD, KEN, US
[71] 3COM CORPORATION, US
[22] 1999-10-27
[43] 2000-05-23
[30] US (09/198,170) 1998-11-23

[21] **2,287,737**
[13] A1
[51] **Int.Cl. 6C07C 281/02 6C07C 281/06**
6C09K 3/10 6C08L 75/12 6C08K 5/25
6C08K 5/26 6C09D 161/28 6C09J 161/28
6C08L 61/28 6C08G 18/80
[25] EN
[54] **ONE-COMPONENT THERMOSET**
COATING COMPOSITIONS
[54] **COMPOSITIONS DE**
RETEVEMENT THERMODURCIES A
UN ELEMENT
[72] WICKS, DOUGLAS A., US
[72] KOENIG, EBERHARD, DE
[72] HENDERSON, KAREN M., US
[72] KINNEY, CAROL L., US
[72] LEE, SZE-MING, US
[71] BAYER CORPORATION, US
[71] BAYER AKTIENGESELLSCHAFT,
DE
[22] 1999-10-29
[43] 2000-05-23
[30] US (09/197,912) 1998-11-23

[21] **2,287,738**
[13] A1
[51] **Int.Cl. 6C08G 18/80 6C09K 3/10**
6C08L 75/12 6C08K 5/25 6C08K 5/26
6C09D 161/28 6C09J 161/28 6C08L 61/28
[25] EN
[54] **ONE-COMPONENT THERMOSET**
COATING COMPOSITIONS
[54] **COMPOSITIONS DE**
RETEVEMENT THERMODURCIES A
UN ELEMENT
[72] LEE, SZE-MING, US
[72] WICKS, DOUGLAS A., US
[72] HENDERSON, KAREN M., US
[72] KINNEY, CAROL L., US
[72] KOENIG, EBERHARD, DE
[71] BAYER AKTIENGESELLSCHAFT,
DE
[71] BAYER CORPORATION, US
[22] 1999-10-29
[43] 2000-05-23
[30] US (09/197,910) 1998-11-23

[21] **2,287,812**
[13] A1
[51] **Int.Cl. 6C09B 5/62 6C09B 19/00**
6C09B 48/00 6C09B 57/00 6C09D 17/00
6C09B 47/04 6C09B 67/04 6C08K 5/3437
6C08K 5/3465 6C08K 5/357 6C09B 5/48
[25] EN
[54] **PROCESS FOR CONDITIONING**
ORGANIC PIGMENTS
[54] **PROCESSUS DE**
CONDITIONNEMENT DE PIGMENTS
ORGANIQUES
[72] SHANNON, CHARLES E., US
[72] SATTAR, ABDUL, US
[72] FLATT, THOMAS R., US
[72] MOTT, ROBERT C., US
[71] BAYER CORPORATION, US
[22] 1999-10-29
[43] 2000-05-25
[30] US (09/200,272) 1998-11-25

[21] **2,287,816**
[13] A1
[51] **Int.Cl. 7H04Q 3/545 7H04L 12/56**
[25] FR
[54] **GESTION DES PRIORITES POUR**
LE ROUTAGE DES APPELS DANS UN
RESEAU DE TELECOMMUNICATIONS
[54] **PRIORITY MANAGEMENT FOR**
ROUTING CALLS ON A TELEPHONE
NETWORK
[72] TRAN, NHUT QUAN, FR
[72] PHAN, CAO THANH, FR
[71] ALCATEL, FR
[22] 1999-10-29
[43] 2000-05-26
[30] FR (98 14 878) 1998-11-26

[21] **2,288,243**
[13] A1
[51] **Int.Cl. 6B65D 83/44**
[25] FR
[54] **VALVE POUR LA DISTRIBUTION**
D'UN LIQUIDE SOUS PRESSION,
RECIPIENT EQUIPE DE CETTE VALVE
ET PROCEDE DE
CONDITIONNEMENT D'UN
RECIPIENT AINSI EQUIPE
[54] **VALVE FOR DISTRIBUTION OF A**
LIQUID UNDER PRESSURE,
CONTAINER EQUIPPED WITH THIS
VALVE, AND ITS CONDITIONING
PROCESS
[72] LASSERRE, PIERRE-ANDRÉ, FR
[71] L'ORÉAL, FR
[22] 1999-11-01
[43] 2000-05-23
[30] FR (98 14 724) 1998-11-23

[21] **2,288,290**
[13] A1
[51] **Int.Cl. 7G02B 26/02**
[25] EN
[54] **ADJUSTABLE OPTICAL**
ATTENUATOR
[54] **ATTENUATEUR OPTIQUE**
REGLABLE
[72] SMILEY, JOHN O., CA
[72] LAFLAMME, ROBERT, CA
[71] JDS FITEL INC., CA
[22] 1999-11-01
[43] 2000-05-24
[30] US (09/198,607) 1998-11-24

[21] **2,288,385**
[13] A1
[51] **Int.Cl. 6C10L 1/18 6C10L 1/22**
[25] EN
[54] **FUEL COMPOSITIONS**
CONTAINING AROMATIC ESTERS OF
POLYALKYLPHENOXYALKANOLS,
POLY(OXYALKYLENE) AMINES AND
DI- OR TRI-CARBOXYLIC ACID
ESTERS
[54] **COMPOSITIONS DE CARBURANT**
CONTENANT DES ESTERS
AROMATIQUES DE
POLYALKYLPHENOXYALCANOLS,
DES POLYOXYALKYLENE-AMINES
ET DES ESTERS D'ACIDE
DICARBOXYLIQUE OU
TRICARBOXYLIQUE
[72] HOUSER, KEITH R., US
[71] CHEVRON CHEMICAL COMPANY
LLC, US
[22] 1999-10-29
[43] 2000-05-25
[30] US (09/199,528) 1998-11-25

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[21] **2,288,463**
[13] A1

[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **METHOD AND APPARATUS FOR ANCILLARY DATA IN A WAVELENGTH DIVISION MULTIPLEXED SYSTEM**
[54] **METHODES ET APPAREILS DE TRANSMISSION DE DONNEES AUXILIAIRES DANS UN SYSTEME A MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] WAN, PING, CA
[72] HARLEY, JAMES ST. LEGER, CA
[72] BRUCE, PAUL ALAN, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-11-04
[43] 2000-05-25
[30] US (09/199,327) 1998-11-25

[21] **2,288,469**
[13] A1

[51] **Int.Cl. 6C07F 9/10**
[25] EN
[54] **PRODUCTION PROCESS, USED IN PARTICULAR FOR OBTAINING LECITHIN FROM DEHYDRATED EGG**
[54] **PROCEDE DE PRODUCTION UTILISE EN PARTICULIER POUR OBTENIR LA LECITHINE D'OEUF DESHYDRATES**
[72] BORK, MICHAEL, DE
[71] KRUPP UHDE GMBH, DE
[22] 1999-11-04
[43] 2000-05-27
[30] DE (198 54 807.9) 1998-11-27

[21] **2,288,516**
[13] A1

[51] **Int.Cl. 6B21B 13/02 6F28F 3/02**
[25] EN
[54] **METHOD AND APPARATUS FOR ROLL FORMING A PLURALITY OF HEAT EXCHANGER FIN STRIPS**
[54] **METHODE ET APPAREIL POUR LAMINER EN QUANTITE DES BANDES D'AILETTES POUR ECHANGEUR DE CHALEUR**
[72] GRIPPE, FRANK M., US
[71] MODINE MANUFACTURING COMPANY, US
[22] 1999-11-02
[43] 2000-05-23
[30] US (09/197,825) 1998-11-23

[21] **2,288,571**
[13] A1

[51] **Int.Cl. 7G01D 11/30**
[25] EN
[54] **FLOATED GIMBAL OPTICAL PLATFORM**
[54] **PLATE-FORME OPTIQUE A SUSPENSION FLOTTANTE A LA CARDAN**
[72] CANTON, DINO, CA
[71] CANTON, DINO, CA
[22] 1999-11-08
[43] 2000-05-27
[30] US (09/200,763) 1998-11-27
[30] US (09/433,345) 1999-11-04

[21] **2,289,238**
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04B 7/212**
[25] EN
[54] **METHOD OF AND COMPONENTS FOR HANDING OFF RADIO CALLS IN TDMA-BASED CORDLESS COMMUNICATIONS SYSTEMS**
[54] **METHODE ET COMPOSANTS POUR LE TRANSFERT D'APPELS RADIO DANS UN SYSTEME DE COMMUNICATIONS SANS CORDON TDMA**
[72] KUHN, EDGAR, DE
[72] SPERBER, CHRISTOPH, DE
[72] BARTH, ULRICH, DE
[71] ALCATEL, FR
[22] 1999-11-10
[43] 2000-05-26
[30] DE (198 54 618.1) 1998-11-26

[21] **2,289,239**
[13] A1

[51] **Int.Cl. 7H01G 4/33**
[25] EN
[54] **FORMATION OF THIN FILM CAPACITORS**
[54] **FORMATION DE CONDENSATEURS A FILM MINCE**
[72] HUNT, ANDREW TYE, US
[72] LIN, WEN-YI, US
[72] HENDRICK, MICHELLE RENÉE, US
[72] NEUMAN, GEORGE ANDREW, US
[72] HORNIS, HELMUT GEORG, US
[72] HWANG, TZYI JIUAM, US
[72] FLANAGAN, JOHN SCOTT, US
[71] MICRO COATING TECHNOLOGIES, US
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[43] 2000-05-23
[30] US (09/198,285) 1998-11-23
[30] US (09/283,100) 1999-03-31
[30] US (09/414,137) 1999-10-07

[21] **2,289,337**
[13] A1

[51] **Int.Cl. 6B60P 1/08**
[25] EN
[54] **TRAILER HAVING A TWO-STAGE SLIDING SUSPENSION**
[54] **REMORQUE COMPRENANT UNE SUSPENSION COULISSANTE A DOUBLE EFFET**
[72] NORMAN, RICHARD M., US
[71] FONTAINE SPECIALIZED, INC., US
[22] 1999-11-12
[43] 2000-05-25
[30] US (60/109,771) 1998-11-25

[21] **2,289,340**
[13] A1

[51] **Int.Cl. 7G01J 4/04 7G01J 4/00 7H04B 10/08**
[25] EN
[54] **POLARIMETER**
[54] **POLARIMETRE**
[72] GARRETT, CAREY M., CA
[72] MACDONALD, ROBERT I., CA
[72] ALLARD, LOUIS B., CA
[71] JDS FITEL INC., CA
[22] 1999-11-10
[43] 2000-05-27
[30] US (09/200,439) 1998-11-27

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[13] A1

[51] **Int.Cl. 7G09F 9/37**
[25] EN
[54] **GYRICON DISPLAYS UTILIZING MAGNETIC ADDRESSING AND LATCHING MECHANISMS**
[54] **AFFICHAGES GYRICON, UTILISANT DES MECANISMES MAGNETIQUES DE VERROUILLAGE ET D'ADRESSAGE**
[72] SHERIDON, NICHOLAS K., US
[71] XEROX CORPORATION, US
[22] 1999-11-12
[43] 2000-05-25
[30] US (09/199,544) 1998-11-25
[30] US (09/199,403) 1998-11-25
[30] US (09/200,553) 1998-11-25
[30] US (09/199,646) 1998-11-25
[30] US (09/200,406) 1998-11-25
[30] US (09/200,505) 1998-11-25
[30] US (09/199,818) 1998-11-25
[30] US (09/199,543) 1998-11-25
[30] US (09/199,473) 1998-11-25

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[21] **2,289,403**
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[51] **Int.Cl. 7G06F 3/00 7G06F 3/02 7G06F 3/033**
[25] EN
[54] **CROSSING ASSISTING APPARATUS FOR A COMPUTER**
[54] **APPAREILLAGE D'AIDE AU DEFILEMENT POUR ORDINATEUR**
[72] IIZUKA, SHINJI, JP
[72] KANZAKI, EISUKE, JP
[72] KUSUDA, RIKI, JP
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1999-11-12
[43] 2000-05-27
[30] JP (10/336956) 1998-11-27

[21] **2,289,407**
[13] A1
[51] **Int.Cl. 7G08B 25/00 7E05B 47/00 7G06F 17/60**
[25] EN
[54] **SALES POINT BUSINESS METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL POUR POINT DE VENTE**
[72] DE RESENDE, OTAVIO MARCIO PERRI, BR
[71] DE RESENDE, OTAVIO MARCIO PERRI, BR
[22] 1999-11-12
[43] 2000-05-27
[30] BR (PI9806357-0) 1998-11-27
[30] BR (DI5900364-2) 1999-03-08
[30] BR (C19806357-0) 1999-07-27
[30] US (UNKNOWN) 1999-10-29

[21] **2,289,423**
[13] A1
[51] **Int.Cl. 7A61B 8/00 7A61B 6/00 7A61B 10/00**
[25] EN
[54] **BREAST STABILIZATION DEVICES AND IMAGING AND INTERVENTIONAL METHODS USING SAME**
[54] **DISPOSITIFS DE STABILISATION DE LA POITRINE ET METHODES D'IMAGERIE ET D'INTERVENTION Y AYANT RECOURS**
[72] VETTER, JAMES W., US
[72] LEE, ROBERTA, US
[72] HYLAND, NATALIE N., US
[71] RUBICOR MEDICAL INC., US
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[43] 2000-05-25
[30] US (09/200,661) 1998-11-25

[21] **2,289,657**
[13] A1
[51] **Int.Cl. 7C08K 5/57 7C09K 15/32**
[25] EN
[54] **STABILIZERS FOR IMPROVED WEATHERABILITY OF CLEAR POLYVINYL CHLORIDE COMPOSITIONS**
[54] **STABILISANTS POUR AMELIORER LA RESISTANCE AUX INTEMPERIES DE COMPOSITIONS TRANSPARENTES DE POLY(CHLORURE DE VINYLE)**
[72] NORRIS, GENE KELLY, US
[72] CONROY, GARY MARTIN, US
[71] ROHM AND HAAS COMPANY, US
[22] 1999-11-16
[43] 2000-05-25
[30] US (09/199,974) 1998-11-25

[21] **2,289,781**
[13] A1
[51] **Int.Cl. 7F01D 25/12 7F01P 1/06 7F02C 7/12 7F01D 25/14**
[25] EN
[54] **ROTATING MACHINE**
[54] **MACHINE TOURNANTE**
[72] HAKUTA, SHINSAKU, JP
[72] MORI, HIDEAKI, JP
[72] SATO, JUNJI, JP
[72] SEMBA, AKITOMI, JP
[72] SONOBE, TADASHI, JP
[72] TSUJI, EIJI, JP
[72] YAGI, YASUOMI, JP
[72] WATANABE, TAKASHI, JP
[72] ISHIHARA, ATSUSHI, JP
[72] HATTORI, KENICHI, JP
[71] HITACHI, LTD., JP
[22] 1999-11-16
[43] 2000-05-25
[30] JP (10-333675) 1998-11-25
[30] JP (11-71408) 1999-03-17

[21] **2,289,793**
[13] A1
[51] **Int.Cl. 7H04Q 7/30 7H04Q 7/36**
[25] EN
[54] **METHOD AND APPARATUS FOR A SECTORED CELL OF A CELLULAR RADIO COMMUNICATIONS SYSTEM**
[54] **METHODE ET APPAREIL POUR CELLULE SECTORISEE DE RESEAU DE RADIOCOMMUNICATIONS CELLULAIRE**
[72] BEVAN, DAVID DAMIAN NICHOLAS, GB
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-11-16
[43] 2000-05-24
[30] US (09/198,387) 1998-11-24

[21] **2,289,809**
[13] A1
[51] **Int.Cl. 7A24B 7/04**
[25] EN
[54] **TOBACCO CUTTING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DECOUPAGE DU TABAC**
[72] JUNG, THOMAS, DE
[72] KORNER, UWE-PETER, DE
[72] METZNER, WOLFGANG, DE
[71] BROWN & WILLIAMSON TOBACCO CORPORATION, US
[22] 1999-11-16
[43] 2000-05-26
[30] DE (198 54 662.9) 1998-11-26

[21] **2,289,819**
[13] A1
[51] **Int.Cl. 7A23L 3/358 7A23L 3/3589**
[25] FR
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT D'UN ARTICLE A L'EAU OZONEE**
[54] **PROCEDURE AND FACILITY FOR TREATING AN ITEM WITH OZONIZED WATER**
[72] CRISINEL, PASCAL, FR
[72] PROST, LUCIE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES, FR
[22] 1999-11-10
[43] 2000-05-24
[30] FR (98 14783) 1998-11-24

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[21] **2,289,886**
[13] A1

[51] **Int.Cl. 7B01D 35/143 7C02F 1/28**
[25] EN
[54] **FILTRATION SYSTEM WITH DISPOSABLE FILTER AND INDICATOR**
[54] **SYSTEME DE FILTRATION AVEC FILTRE JETABLE ET INDICATEUR**
[72] FISH, JEFFREY ELTON, US
[72] LAU, JARK CHONG, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1999-11-16
[43] 2000-05-25
[30] US (60/109,775) 1998-11-25
[30] US (08/419,198) 1999-10-15

[21] **2,289,893**
[13] A1

[51] **Int.Cl. 7G01M 13/00 7G01M 13/02**
[25] EN
[54] **APPARATUS AND METHOD FOR MONITORING SHAFT CRACKING OR INCIPIENT PINION SLIP IN A GEARED SYSTEM**
[54] **APPAREIL ET METHODE DE DIAGNOSTIC DES CRIQUES DES ARBRES OU UN DEBUT DE GLISSEMENT DE PIGNONS D'ENGRENAGE**
[72] SRIBAR, ROK, US
[72] KLIMAN, GERALD BURT, US
[72] REDDY, SURESH BADDAM, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 1999-11-18
[43] 2000-05-23
[30] US (09/197,783) 1998-11-23

[21] **2,289,904**
[13] A1

[51] **Int.Cl. 7C08G 18/80 7B32B 21/14 7B32B 5/18**
[25] EN
[54] **COMPACT VENEER BASED ON POLYISOCYANATE POLYADDITION PRODUCTS**
[54] **PLACAGE COMPACT A BASE DE PRODUITS DE POLYADDITION DU POLYISOCYANATE**
[72] ROCHE, PETER, DE
[72] BARTZ, THOMAS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[22] 1999-11-18
[43] 2000-05-25
[30] DE (198 54 404.9) 1998-11-25

[21] **2,289,909**
[13] A1

[51] **Int.Cl. 7B01D 53/047**
[25] EN
[54] **OXYGEN GENERATION PROCESS AND SYSTEM USING SINGLE ADSORBER VESSEL AND SINGLE BLOWER**
[54] **PROCEDE DE PRODUCTION D'OXYGENE ET SYSTEME UTILISANT UNE ENCEINTE D'ADSORPTION SIMPLE ET UN VENTILATEUR DE SOUFFLAGE SIMPLE**
[72] SIRCAR, SHIVAJI, US
[72] FISCHER, JOCHEN RAINER, US
[72] NAHERI, TARIK, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 1999-11-18
[43] 2000-05-25
[30] US (09/200208) 1998-11-25

[21] **2,289,959**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**
[25] EN
[54] **ROUTER PLACEMENT METHODS AND APPARATUS FOR DESIGNING IP NETWORKS WITH PERFORMANCE GUARANTEES**
[54] **METHODES ET APPAREIL DE PLACEMENT DE ROUTEURS POUR FINS DE CONCEPTION DE RESEAUX IP AVEC GARANTIES DE PERFORMANCES**
[72] BENMOHAMED, LOTFI, US
[72] MITTAL, AJAY KUMAR, US
[72] HARSHAVARDHANA, PARAMASIVIAH, US
[72] DRAVIDA, SUBRAHMANYAM, US
[72] LAU, WING CHEONG, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-11-17
[43] 2000-05-24
[30] US (09/198,729) 1998-11-24

[21] **2,290,045**
[13] A1

[51] **Int.Cl. 7H04B 3/21**
[25] EN
[54] **SINGLE-SIDED SUBBAND FILTERS**
[54] **FILTRES DE SOUS-BANDES LATERALES UNIQUES**
[72] REILLY, JAMES, CA
[72] SIEBERT, MIKE, CA
[72] AHMADVAD, NIMA, CA
[72] REESOR, GORDON, CA
[71] MITEL CORPORATION, CA
[22] 1999-11-17
[43] 2000-05-23
[30] GB (9825576.3) 1998-11-23

[21] **2,290,050**
[13] A1

[51] **Int.Cl. 7E21B 49/08**
[25] EN
[54] **INTELLIGENT DOWN HOLE TESTING SYSTEM**
[54] **SYSTEME INTELLIGENT D'ESSAI DE FORAGE**
[72] BURRIS, WESLEY J., II, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1999-11-17
[43] 2000-05-23
[30] US (09/198,037) 1998-11-23

[21] **2,290,058**
[13] A1

[51] **Int.Cl. 7A61N 1/32**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING CHRONIC PAIN SYNDROMES, TREMOR, DEMINTIA AND RELATED DISORDERS AND FOR INDUCING ELECTROANESTHESIA USING HIGH FREQUENCY, HIGH INTENSITY TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION**
[54] **METHODE ET APPAREIL POUR TRAITER DES SYNDROMES DE DOULEUR CHRONIQUE, LE TREMBLEMENT, LA DEMENCE ET DES TROUBLES APPARENTES ET POUR INDIURE L'ELECTROANESTHESIE PAR NEUROSTIMULATION TRANSCUTANEE A HAUTES FREQUENCE ET INTENSITE**
[72] SILVERSTONE, LEON M., US
[71] THE SYNAPTIC CORPORATION, US
[22] 1999-11-17
[43] 2000-05-23
[30] US (199,073) 1998-11-23

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[21] **2,290,059**
[13] A1
[51] **Int.Cl. 7H02K 41/02**
[25] EN
[54] **COAXIAL LINEAR MOTOR FOR EXTENDED TRAVEL**
[54] **MOTEUR LINEAIRE COAXIAL A COURSE PROLONGEE**
[72] BOAST, GERARD SEAN, GB
[71] LINEAR DRIVES LIMITED, GB
[22] 1999-11-19
[43] 2000-05-23
[30] GB (9825649.8) 1998-11-23

[21] **2,290,063**
[13] A1
[51] **Int.Cl. 7H01S 5/00**
[25] EN
[54] **EXTERNAL CAVITY TYPE LIGHT SOURCE**
[54] **SOURCE LUMINEUSE DE TYPE A CAVITE EXTERNE**
[72] ASAMI, KEISUKE, JP
[71] ANDO ELECTRIC CO., LTD., JP
[22] 1999-11-19
[43] 2000-05-25
[30] JP (10-334420) 1998-11-25

[21] **2,290,079**
[13] A1
[51] **Int.Cl. 7F16K 31/02 7E03C 1/04**
[25] EN
[54] **ELECTRONIC FAUCET SENSOR ASSEMBLY**
[54] **ENSEMBLE-CAPTEUR POUR ROBINET ELECTRONIQUE**
[72] OLIVER, STEVEN R., US
[72] MARCICHOW, MARTIN E., US
[71] SLOAN VALVE COMPANY, US
[22] 1999-11-19
[43] 2000-05-24
[30] US (09/200,392) 1998-11-24

[21] **2,290,085**
[13] A1
[51] **Int.Cl. 7E04H 17/10**
[25] EN
[54] **FENCING SYSTEM**
[54] **SYSTEME DE CLOTURE**
[72] BERTO, JOSEPH J., US
[71] BERTO, JOSEPH J., US
[22] 1999-11-16
[43] 2000-05-24
[30] US (60/109,678) 1998-11-24
[30] US (09/321,698) 1999-05-28

[21] **2,290,087**
[13] A1
[51] **Int.Cl. 7G01R 31/02**
[25] EN
[54] **ARC FAULT DETECTOR APPARATUS**
[54] **APPAREIL DE DETECTION DES ARCS ELECTRIQUES**
[72] JOHNSON, ELTON C., US
[72] DOLLAR, CHARLES RANDALL II, US
[71] SIEMENS ENERGY & AUTOMATION, INC., US
[22] 1999-11-19
[43] 2000-05-23
[30] US (09/197,837) 1998-11-23

[21] **2,290,089**
[13] A1
[51] **Int.Cl. 7H01M 8/02**
[25] EN
[54] **ELECTROCHEMICAL FUEL CELL WITH AN ELECTRODE HAVING AN IN-PLANE NONUNIFORM STRUCTURE**
[54] **PILE A COMBUSTIBLE ELECTROCHIMIQUE AVEC UNE ELECTRODE AYANT UNE STRUCTURE NONUNIFORME DANS LE MEME PLAN**
[72] GIBB, PETER R., CA
[72] WILKINSON, DAVID P., CA
[71] BALLARD POWER SYSTEMS INC., CA
[22] 1999-11-22
[43] 2000-05-24
[30] US (09/198,323) 1998-11-24

[21] **2,290,116**
[13] A1
[51] **Int.Cl. 7H04Q 7/34**
[25] FR
[54] **PROCEDE DE RECEPTION DE SIGNAUX DE PAROLE, PAR UN TELEPHONE MOBILE**
[54] **PROCESS FOR RECEPTION OF VOICE SIGNALS BY A MOBILE TELEPHONE**
[72] PARISEL, ARNAUD, FR
[72] DUGAST, XAVIER, FR
[71] ALCATEL, FR
[22] 1999-11-15
[43] 2000-05-26
[30] FR (98 14 877) 1998-11-26

[21] **2,290,118**
[13] A1
[51] **Int.Cl. 7G05D 1/12**
[25] EN
[54] **AUTOMATIC GUIDANCE SYSTEM FOR FLIGHT VEHICLE HAVING PARAFoil AND NAVIGATION GUIDANCE APPARATUS FOR THE SYSTEM**
[54] **SYSTEME DE GUIDAGE AUTOMATIQUE POUR ENGIN VOLANT MUNI DE PARACHUTE-VOILE ET APPAREIL DE NAVIGATION POUR LE SYSTEME**
[72] YONEDA, HIROSHI, JP
[72] AMITO, ATSUSHI, JP
[71] FUJI JUKOGYO KABUSHIKI KAISHA, JP
[22] 1999-11-22
[43] 2000-05-24
[30] JP (10-332672) 1998-11-24

[21] **2,290,124**
[13] A1
[51] **Int.Cl. 7B01D 21/08 7C02F 9/00 7B08B 3/14**
[25] EN
[54] **MOBILE APPARATUS FOR WATER PURIFICATION**
[54] **APPAREIL MOBILE DE PURIFICATION D'EAU**
[72] EICH, MATTHIAS, DE
[71] ECS EICH MASCHINENBAU GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE
[22] 1999-11-22
[43] 2000-05-23
[30] DE (29820895.4) 1998-11-23

[21] **2,290,130**
[13] A1
[51] **Int.Cl. 7C09D 175/04**
[25] EN
[54] **SHEATHLESS SYNTHETIC FIBER ROPE**
[54] **CABLE EN FIBRES SYNTHETIQUES SANS GAINÉ**
[72] DE ANGELIS, CLAUDIO, CH
[71] INVENTIO AG, CH
[22] 1999-11-22
[43] 2000-05-25
[30] EP (98 811165.4) 1998-11-25

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[21] **2,290,131**
[13] A1

[51] **Int.Cl. 7C22B 1/245 7C22B 5/00**
[25] EN
[54] **PELLETS INCORPORATED WITH CARBONACEOUS MATERIAL AND METHOD OF PRODUCING REDUCED IRON**
[54] **GRANULES CONTENANT UNE MATIERE CARBONEE ET METHODE DE PRODUCTION DE FER REDUIT**
[72] TAKENAKA, YOSHIMICHI, JP
[72] SHIROUCHI, SHOJI, JP
[72] SHIMIZU, MASAKATA, JP
[72] MIYAGAWA, KAZUYA, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[22] 1999-11-22
[43] 2000-05-24
[30] JP (10-332518) 1998-11-24

[21] **2,290,132**
[13] A1

[51] **Int.Cl. 7A46B 9/00 7A45D 29/00 7A45D 34/04**
[25] FR
[54] **PINCEAU DE VERNIS A ONGLES ET ENSEMBLE D'APPLICATION DE VERNIS A ONGLES MUNI D'UN TEL PINCEAU**
[54] **NAIL POLISH BRUSH AND NAIL POLISH APPLICATOR SET WITH SAID BRUSH**
[72] RAMIN, ROLAND, FR
[72] LACOUTIERE, STÉPHANE, FR
[71] L'ORÉAL, FR
[22] 1999-11-15
[43] 2000-05-27
[30] FR (98 14 986) 1998-11-27

[21] **2,290,136**
[13] A1

[51] **Int.Cl. 7C07H 17/00 7C07D 401/04 7A61P 31/04 7C07D 231/12 7A61K 31/7056**
[25] FR
[54] **NOUVEAUX DERIVES DE L'ERYTHROMYCINE, LEUR PROCEDE DE PREPARATION ET LEUR APPLICATION COMME MEDICAMENTS**
[54] **NEW ERYTHROMYCIN DERIVATIVES, THE PROCESS FOR PREPARING THEM AND THEIR USE AS A DRUG PRODUCT**
[72] DENIS, ALEXIS, FR
[71] HOECHST MARION ROUSSEL, FR
[22] 1999-11-18
[43] 2000-05-24
[30] FR (98 14 782) 1998-11-24

[21] **2,290,142**
[13] A1

[51] **Int.Cl. 7G02B 6/12 7G02F 1/35**
[25] FR
[54] **COMPOSANT OPTIQUE A BASE D'AMPLIFICATEURS OPTIQUES A SEMI-CONDUCTEUR COMPORTANT UN NOMBRE REDUIT D'ELECTRODES INDEPENDANTES**
[54] **OPTICAL COMPONENT BASED ON SEMICONDUCTOR OPTICAL AMPLIFIERS CONTAINING A REDUCED NUMBER OF SEPARATE ELECTRODES**
[72] DAGENS, BÉATRICE, FR
[72] JANZ, CHRISTOPHER, FR
[71] ALCATEL, FR
[22] 1999-11-22
[43] 2000-05-24
[30] FR (98 14 803) 1998-11-24

[21] **2,290,147**
[13] A1

[51] **Int.Cl. 7G02B 6/12**
[25] FR
[54] **COMPOSANT OPTIQUE A SEMI-CONDUCTEUR COMPORTANT UN ADAPTEUR DE MODE**
[54] **SEMICONDUCTOR OPTICAL COMPONENT WITH A MODE ADAPTOR**
[72] LESTRA, ALEXIS, FR
[72] COLSON, VÉRONIQUE, FR
[71] ALCATEL, FR
[22] 1999-11-23
[43] 2000-05-24
[30] FR (98 14 804) 1998-11-24

[21] **2,290,150**
[13] A1

[51] **Int.Cl. 7B66B 11/02**
[25] EN
[54] **HIGHLY RIGID ELEVATOR CAR FLOOR**
[54] **PLANCHER DE MONTE-CHARGE TRES RIGIDE**
[72] BAUMGARTNER, URS, CH
[71] INVENTIO AG, CH
[22] 1999-11-22
[43] 2000-05-24
[30] EP (98 811156.3) 1998-11-24

[21] **2,290,151**
[13] A1

[51] **Int.Cl. 7B23B 1/00**
[25] EN
[54] **MACHINING CENTRE, CONTOURING PROCESS, AND TOOL SUPPORTING MECHANISM, TOOL CHANGER, CURVIC COUPLING DEVICE, AND PALLET CHANGER IN MACHINE TOOL**
[54] **CENTRE D'USINAGE, PROCESSUS DE PROFILAGE, ET MECANISME DE SUPPORT D'OUTIL, CHANGEUR D'OUTIL, DISPOSITIF D'ACCOUPEMENT DE TYPE CURVIC, ET CHANGEUR DE PALETTE DANS UNE MACHINE-OUTIL**
[72] KATOH, NORIYOSHI, JP
[72] UJIHASHI, KOJI, JP
[72] YAMAUCHI, KATSUTOSHI, JP
[72] NOMURA, HIROKI, JP
[72] NAKATSUKA, KAZUSHIGE, JP
[72] MIYAGI, TOMOYOSHI, JP
[72] NONOMURA, FUJIO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1999-11-23
[43] 2000-05-24
[30] JP (10-333140) 1998-11-24
[30] JP (10-333141) 1998-11-24
[30] JP (10-333142) 1998-11-24
[30] JP (10-333143) 1998-11-24
[30] JP (10-333144) 1998-11-24

[21] **2,290,152**
[13] A1

[51] **Int.Cl. 7B66B 23/14 7B66B 23/12**
[25] EN
[54] **EQUIPMENT FOR THE FASTENING OF GUIDE ROLLERS OF AN ESCALATOR STEP OR A MOVING WALKWAY PLATE**
[54] **EQUIPEMENT DE FIXATION DES GALETS-GUIDES DE MARCHE D'ESCALIER ROULANT OU DE PLAQUE DE PASSERELLE MOBILE**
[72] BABLER, WALTER, AT
[71] INVENTIO AG, CH
[22] 1999-11-22
[43] 2000-05-25
[30] EP (98 811163.9) 1998-11-25

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[21] **2,290,155**
[13] A1
[51] **Int.Cl. 7B60D 1/36**
[25] EN
[54] **DEVICE FOR GUIDING THE COUPLING OF A TRAILER HITCH**
[54] **DISPOSITIF POUR GUIDER L'ACCOUPEMENT D'UN ATTELAGE DE REMORQUE**
[72] BEAVINGTON, RICHARD N., CA
[71] BEAVINGTON, RICHARD N., CA
[22] 1999-11-23
[43] 2000-05-25
[30] US (60/109,996) 1998-11-25

[21] **2,290,180**
[13] A1
[51] **Int.Cl. 7B21K 5/20 7B26D 1/62**
[25] EN
[54] **ROTARY DIE LASER MACHINING AND HARDENING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE D'USINAGE ET DE TREMPE AU LASER ROTATIF**
[72] PFAFF, ALAN R., JR., US
[71] BERNAL INTERNATIONAL, INC., US
[22] 1999-11-23
[43] 2000-05-25
[30] US (09/199,833) 1998-11-25

[21] **2,290,186**
[13] A1
[51] **Int.Cl. 7A62B 35/00 7A63C 3/00**
[25] EN
[54] **TRAINING HARNESS FOR SKATERS**
[54] **HARNAIS D'ENTRAINEMENT POUR PATINEURS**
[72] GIANCASPRO, GIOVANNA, CA
[71] GIANCASPRO, GIOVANNA, CA
[22] 1999-11-22
[43] 2000-05-23
[30] US (60/109,492) 1998-11-23

[21] **2,290,192**
[13] A1
[51] **Int.Cl. 7B62D 5/083**
[25] EN
[54] **STEERING SYSTEM**
[54] **SYSTEME DE DIRECTION**
[72] URBACH, BRIAN A., US
[71] TRW INC., US
[22] 1999-11-22
[43] 2000-05-23
[30] US (09/197,865) 1998-11-23

[21] **2,290,194**
[13] A1
[51] **Int.Cl. 7D01G 15/08**
[25] EN
[54] **METHOD OF OPERATING A CARD AND A CARD FLAT FOR CARRYING OUT THE METHOD**
[54] **METHODE D'EXPLOITATION D'UNE CARDE ET CHAPEAU DE CARDE POUR UTILISATION DE CETTE METHODE**
[72] GEISSER, STEFAN, CH
[72] GRAF, RALPH A., CH
[71] GRAF + CIE AG, CH
[22] 1999-11-22
[43] 2000-05-24
[30] DE (198 54 194.5) 1998-11-24
[30] EP (99 112 186.4) 1999-06-24

[21] **2,290,197**
[13] A1
[51] **Int.Cl. 7C12N 7/01 7A61P 31/14 7A61K 39/285**
[25] EN
[54] **VACCINE AGAINST SWINE INFLUENZA VIRUS**
[54] **VACCIN CONTRE LE VIRUS DE LA GRIPPE PORCINE**
[72] FOLEY, PATRICIA L., US
[71] FOLEY, PATRICIA L., US
[22] 1999-11-23
[43] 2000-05-23
[30] US (09/197,679) 1998-11-23

[21] **2,290,200**
[13] A1
[51] **Int.Cl. 7F25B 31/02 7F15B 1/027**
[25] EN
[54] **SUCTION ACCUMULATOR**
[54] **BOUEILLE ANTI-COUP DE LIQUIDE**
[72] COOKSEY, EDWARD A., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 1999-11-22
[43] 2000-05-24
[30] US (60/109,859) 1998-11-24

[21] **2,290,201**
[13] A1
[51] **Int.Cl. 7C02F 1/38**
[25] EN
[54] **VORTEX SEWAGE DISPOSAL APPARATUS**
[54] **TRAITEMENT DES MATIERES D'EGOUT PAR TOURBILLON**
[72] LEUNG, WAI ON, HK
[71] LEUNG, WAI ON, HK
[22] 1999-11-23
[43] 2000-05-24
[30] CN (98122685.X) 1998-11-24

[21] **2,290,202**
[13] A1
[51] **Int.Cl. 7F16C 11/06 7B62D 7/16**
[25] EN
[54] **BALL JOINT HAVING ROTATIONAL AND AXIAL MOVEMENT**
[54] **ARTICULATION A ROTULE PRESENTANT UN MOUVEMENT ROTATIF ET AXIAL**
[72] URBACH, BRIAN A., US
[71] TRW INC., US
[22] 1999-11-22
[43] 2000-05-23
[30] US (09/197,895) 1998-11-23

[21] **2,290,208**
[13] A1
[51] **Int.Cl. 7H01S 5/00**
[25] EN
[54] **EXTERNAL CAVITY TYPE TUNABLE SEMICONDUCTOR LASER SOURCE**
[54] **SOURCE LASER ACCORDABLE A SEMICONDUCTEURS DE TYPE A CAVITE EXTERNE**
[72] AKIKUNI, FUMIO, JP
[72] ASAMI, KEISUKE, JP
[71] ANDO ELECTRIC CO., LTD., JP
[22] 1999-11-19
[43] 2000-05-25
[30] JP (10-334421) 1998-11-25

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[21] **2,290,213**
[13] A1

[51] **Int.Cl. 7C07D 403/14 7C07D 241/08 7A01N 25/10 7C07D 403/12 7C07D 405/14 7G03C 1/34 7C08K 5/3492 7C08K 5/357 7C09D 5/44 7C09D 5/46**
[25] EN
[54] **PIPERAZINONE DERIVATIVES**
[54] **DERIVES DE PIPERAZINONE**
[72] ANDREWS, STEPHEN MARK, US
[72] ZEDDA, ALESSANDRO, BO
[72] LAZZARI, DARIO, BO
[72] ZAGNONI, GRAZIANO, BO
[72] ROSSI, MIRKO, BO
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 1999-11-22
[43] 2000-05-24
[30] EP (98811160.5) 1998-11-24

[21] **2,290,221**
[13] A1

[51] **Int.Cl. 7H04L 12/24**
[25] EN
[54] **AN INTELLIGENT TELECOMMUNICATIONS MANAGEMENT NETWORK (TMN)**
[54] **RESEAU INTELLIGENT DE GESTION DES TELECOMMUNICATIONS (TMN)**
[72] LEE, JOHNATHAUN D., US
[71] SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC., US
[22] 1999-11-19
[43] 2000-05-23
[30] US (09/197,983) 1998-11-23

[21] **2,290,223**
[13] A1

[51] **Int.Cl. 7G01R 31/02**
[25] EN
[54] **ARC FAULT DETECTOR APPARATUS, MEANS AND SYSTEM**
[54] **APPAREILLAGE, MOYENS ET SYSTEME DE DETECTION DES ARCS ELECTRIQUES**
[72] DOLLAR, CHARLES RANDALL II, US
[72] JOHNSON, ELTON C., US
[71] SIEMENS ENERGY & AUTOMATION, INC., US
[22] 1999-11-19
[43] 2000-05-23
[30] US (09/197,869) 1998-11-23

[21] **2,290,228**
[13] A1

[51] **Int.Cl. 7F17C 3/08**
[25] EN
[54] **COOLANT CONTAINER AND ITS METHOD OF MANUFACTURE**
[54] **CONTENANT POUR LIQUIDE DE REFROIDISSEMENT ET METHODE DE FABRICATION**
[72] NAGAISHI, TATSUOKI, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1999-11-19
[43] 2000-05-27
[30] JP (JP-10337892) 1998-11-27

[21] **2,290,233**
[13] A1

[51] **Int.Cl. 7C08L 23/20 7C08L 83/07**
[25] EN
[54] **VIBRATION-PROOF RUBBER COMPOSITION**
[54] **COMPOSITION DE CAOUTCHOUC RESISTANT AUX VIBRATIONS**
[72] USHIO, YOSHITO, JP
[72] IRIE, MASAKAZU, JP
[71] DOW CORNING TORAY SILICONE COMPANY, LTD., JP
[22] 1999-11-23
[43] 2000-05-24
[30] JP (10-332540) 1998-11-24

[21] **2,290,235**
[13] A1

[51] **Int.Cl. 7D21H 17/45**
[25] EN
[54] **COMPOSITION FOR TREATING PAPER AND PAPER TREATED THEREWITH**
[54] **COMPOSITION POUR TRAITER LE PAPIER ET PAPIER TRAITÉ AVEC CETTE COMPOSITION**
[72] SEKI, RYUJI, JP
[71] ASAHI GLASS COMPANY LTD., JP
[22] 1999-11-23
[43] 2000-05-24
[30] JP (JP10-333122) 1998-11-24
[30] JP (JP11-51279) 1999-02-26

[21] **2,290,237**
[13] A1

[51] **Int.Cl. 7G01N 33/53 7A61K 45/00 7C07K 1/13**
[25] EN
[54] **METHOD FOR IDENTIFYING THE FUNCTION OF BIOLOGICAL MOLECULES AND APPARATUS FOR CARRYING OUT THE METHOD**
[54] **METHODE POUR DETERMINER LA FONCTION DE MOLECULES BIOLOGIQUES ET APPAREIL SERVANT A SA REALISATION**
[72] ILAG, LEODEVICO L., DE
[72] GE, LIMING, DE
[72] JAY, DANIEL G., US
[72] NG, JOCELYN, DE
[71] XERION PHARMACEUTICALS GMBH, DE
[22] 1999-11-23
[43] 2000-05-24
[30] DE (198 541 95.3) 1998-11-24

[21] **2,290,238**
[13] A1

[51] **Int.Cl. 7G02B 5/26 7G02B 5/18 7G02B 27/44**
[25] EN
[54] **METHOD FOR PRODUCING CHIRPED IN-FIBRE BRAGG GRATING**
[54] **METHODE DE PRODUCTION DE RESEAUX DE BRAGG SUR FIBRE A COMPRESSION D'IMPULSIONS**
[72] HOSHINO, HIROYUKI, JP
[71] HOSHINO, HIROYUKI, JP
[22] 1999-11-23
[43] 2000-05-27
[30] JP (10-337236) 1998-11-27
[30] JP (11-53906) 1999-03-02

[21] **2,290,239**
[13] A1

[51] **Int.Cl. 7H04L 5/14 7H04L 7/08**
[25] EN
[54] **SIMULTANEOUS BIDIRECTIONAL DATA TRANSMISSION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE TRANSMISSION BIDIRECTIONNELLE SIMULTANEE DE DONNEES**
[72] DOBLAR, DREW G., US
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-11-23
[43] 2000-05-25
[30] US (09/199,858) 1998-11-25

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[21] **2,290,241**
[13] A1
[51] **Int.Cl. 7H02H 7/26 7H02J 3/00**
[25] EN
[54] **FOUR-POLE TO THREE-POLE BUSSING FOR A NETWORK PROTECTOR**
[54] **BUS D'ADAPTATION D'UN CIRCUIT QUADRIPOLAIRE AU MODE DE FONCTIONNEMENT TRIPOLAIRE POUR UN PROTECTEUR DE RESEAU**
[72] MEINERS, STEVEN E., US
[72] BRANDT, DOUGLAS M., US
[72] MAGAZINE, MICHAEL F., US
[71] EATON CORPORATION, US
[22] 1999-11-23
[43] 2000-05-23
[30] US (09/197,842) 1998-11-23

[21] **2,290,244**
[13] A1
[51] **Int.Cl. 7A47C 27/00 7A47C 27/04 7A47C 27/14**
[25] EN
[54] **MODULAR DOUBLE-BED MATTRESS**
[54] **MATELAS MODULAIRES POUR LITS DOUBLES**
[72] LOCKSHINCKY, MEIR, IL
[71] LOCKSHINCKY, MEIR, IL
[22] 1999-11-22
[43] 2000-05-23
[30] IL (127197) 1998-11-23

[21] **2,290,246**
[13] A1
[51] **Int.Cl. 7E04F 15/18**
[25] EN
[54] **A COVERING STRUCTURE, FOR EXAMPLE FOR FLOORINGS, A METHOD FOR THE MANUFACTURE THEREOF, AND AN INTERMEDIATE PRODUCT OF THE METHOD**
[54] **STRUCTURE DE COUVERTURE SERVANT PAR EXEMPLE POUR DES COUVRE-PLANCHERS, METHODE DE FABRICATION, ET PRODUIT INTERMEDIAIRE DE LA METHODE**
[72] STROPPIANA, FERNANDO, IT
[71] MONDO S.P.A., IT
[22] 1999-11-22
[43] 2000-05-23
[30] IT (T098A000981) 1998-11-23

[21] **2,290,249**
[13] A1
[51] **Int.Cl. 7C07C 323/00 7C07C 381/00 7C07C 331/02 7C07D 295/088 7C09K 15/28 7C09K 15/30**
[25] EN
[54] **POLYSULFIDE SOLUTIONS AND HYDROXYALKYL AMINIUM IONS FOR STABILIZING ELEMENTAL SULFUR**
[54] **SOLUTIONS DE POLYSULFIDES ET IONS HYDROXYALKYLAMINIUMS POUR STABILISER LE SOUFRE ELEMENTAIRE**
[72] ROOF, GLENN L., US
[72] GO, TING SIN, US
[71] BAKER HUGHES INCORPORATED, US
[22] 1999-11-22
[43] 2000-05-23
[30] US (60/109,577) 1998-11-23

[21] **2,290,252**
[13] A1
[51] **Int.Cl. 7C07K 5/062 7C07D 487/04**
[25] EN
[54] **PROCESS AND INTERMEDIATES FOR GROWTH HORMONE SECRETAGOGUES**
[54] **PROCEDE ET INTERMEDIAIRES POUR DES SECRETAGOGUES D'HORMONE DE CROISSANCE**
[72] CHIU, CHARLES KWOK-FUNG, US
[72] GRIFFITH, DAVID ANDREW, US
[71] PFIZER PRODUCTS INC., US
[22] 1999-11-22
[43] 2000-05-23
[30] US (60/109,524) 1998-11-23

[21] **2,290,262**
[13] A1
[51] **Int.Cl. 7F16H 57/04**
[25] EN
[54] **DRIVE UNIT WITH LUBRICANT COOLING COVER**
[54] **MECANISME D'ENTRAINEMENT AVEC COUVERCLE DE REFROIDISSEMENT DU LUBRIFIANT**
[72] GAGE, GARRETT W., US
[72] ENDRESZL, JOSEPH M., US
[71] AMERICAN AXLE & MANUFACTURING, INC., US
[22] 1999-11-22
[43] 2000-05-23
[30] US (09/197,779) 1998-11-23

[21] **2,290,266**
[13] A1
[51] **Int.Cl. 7G01F 23/284**
[25] EN
[54] **LIQUID LEVEL METER**
[54] **NIVELLOMETRE**
[72] LUTKE, WOLFRAM, DE
[72] NEUHAUS, JOACHIM, DE
[72] REIMELT, RALF, DE
[72] THOREN, WERNER, DE
[71] ENDRESS + HAUSER GMBH + CO., DE
[22] 1999-11-23
[43] 2000-05-27
[30] EP (98 12 2614.5) 1998-11-27

[21] **2,290,268**
[13] A1
[51] **Int.Cl. 7F26B 25/04 7C02F 11/16 7F26B 3/28**
[25] EN
[54] **TURNING DEVICE FOR SLUDGE AND DEPOSITS AND SOLAR DRIER HAVING A TURNING DEVICE**
[54] **DISPOSITIF TOURNANT POUR LES BOUES ET LES DEPOTS ET SECHOIR SOLAIRE COMPRENANT UN DISPOSITIF TOURNANT**
[72] BUX, MARKUS, DE
[72] CONRAD, TILO, DE
[71] BUX, MARKUS, DE
[71] CONRAD, TILO, DE
[22] 1999-11-23
[43] 2000-05-24
[30] DE (297 23 757) 1998-11-24

[21] **2,290,269**
[13] A1
[51] **Int.Cl. 7F28F 1/04 7F28D 1/02**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] TAUPADEL, KURT, DE
[71] TAUPADEL, KURT, DE
[22] 1999-11-23
[43] 2000-05-24
[30] DE (198 54 089.2) 1998-11-24

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[21] **2,290,270**
[13] A1

[51] **Int.Cl. 7C22B 9/05 7C21C 7/072**
[25] EN
[54] **MONOLITHIC CERAMIC GAS DIFFUSER FOR INJECTING GAS INTO A MOLTEN METAL BATH**
[54] **DIFFUSEUR DE GAZ EN CERAMIQUE MONOLITHIQUE SERVANT A INJECTER DU GAZ DANS UN BAIN DE METAL EN FUSION**
[72] REXFORD, DONALD G., US
[72] LARSEN, DAVID A., US
[72] WEBSTER, EARLE R., JR., US
[71] BLASCH PRECISION CERAMICS, INC., US
[22] 1999-11-23
[43] 2000-05-24
[30] US (60/109,868) 1998-11-24
[30] US (09/324,059) 1999-06-01

[21] **2,290,271**
[13] A1

[51] **Int.Cl. 7A01G 23/06**
[25] EN
[54] **BARE ROOT TREE AND STUMP EXTRACTING TOOL**
[54] **EXTRACTEUR D'ARBRES A RACINES NUES ET DE SOUCHES**
[72] BOUCHARD, JOHN M., US
[71] BOUCHARD, JOHN M., US
[22] 1999-11-22
[43] 2000-05-27
[30] US (09/200,556) 1998-11-27

[21] **2,290,273**
[13] A1

[51] **Int.Cl. 7C03B 9/447**
[25] EN
[54] **GLASS CONTAINER TAKEOUT MECHANISM**
[54] **MECANISME D'ENLEVEMENT DE CONTENANTS EN VERRE**
[72] NICHOLAS, JAMES J., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[22] 1999-11-22
[43] 2000-05-25
[30] US (09/199,621) 1998-11-25

[21] **2,290,275**
[13] A1

[51] **Int.Cl. 7B23K 35/362**
[25] EN
[54] **FLUX CORED WIRE FOR STAINLESS STEEL**
[54] **FIL D'APPORT A NOYAU POUR ACIER INOXYDABLE**
[72] OGAWA, TSUNESHI, JP
[72] WATANABE, HIROHISA, JP
[72] MARUYAMA, TOSHIHARU, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP
[22] 1999-11-24
[43] 2000-05-27
[30] JP (10-338263) 1998-11-27
[30] JP (10-374629) 1998-12-28

[21] **2,290,276**
[13] A1

[51] **Int.Cl. 7C03C 17/245 7E06B 3/66**
[25] EN
[54] **HEAT-REFLECTING GLASS AND DOUBLE-GLAZING UNIT USING THE SAME**
[54] **VERRE REFLECHISSANT LA CHALEUR ET DOUBLE VITRAGE UTILISANT CE PRODUIT**
[72] FUJISAWA, AKIRA, JP
[72] SAKAGUCHI, KOICHI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[22] 1999-11-24
[43] 2000-05-25
[30] JP (10-334069) 1998-11-25

[21] **2,290,277**
[13] A1

[51] **Int.Cl. 7E21B 7/00**
[25] EN
[54] **SWIVEL CHAMBER FOR WATER ACTUATED WIRELINE DRILLS**
[54] **CHAMBRE DE TETE D'INJECTION POUR PERFORATRICES A CABLE ACTIONNEES PAR L'EAU**
[72] CLARKE, DALE MARVIN, CA
[72] PARENT, DAVID SEAN, CA
[72] THOM, ROBERT, CA
[71] INCO LIMITED, CA
[22] 1999-11-22
[43] 2000-05-24
[30] US (09/198,685) 1998-11-24

[21] **2,290,283**
[13] A1

[51] **Int.Cl. 7C08G 77/382 7C11D 1/82**
[25] EN
[54] **SURFACE-ACTIVE ORGANOSILICON COMPOUNDS**
[54] **COMPOSES ORGANOSILICIQUES TENSIO-ACTIFS**
[72] KOINI, THOMAS, DE
[72] ABELE, BORS CAJUS, DE
[71] WACKER-CHEMIE GMBH, DE
[22] 1999-11-24
[43] 2000-05-24
[30] DE (198 54 186.4) 1998-11-24

[21] **2,290,291**
[13] A1

[51] **Int.Cl. 7D21G 1/02**
[25] EN
[54] **HEATABLE CALENDER ROLL**
[54] **CYLINDRE DE CALANDRE A RECHAUFFAGE**
[72] SCHONEMANN, JOACHIM, DE
[71] WALZEN IRLE GMBH, DE
[22] 1999-11-24
[43] 2000-05-26
[30] DE (198 54 522.3) 1998-11-26
[30] DE (199 50 645.0) 1999-10-21

[21] **2,290,292**
[13] A1

[51] **Int.Cl. 6A61K 6/06 6A61C 5/08**
[25] EN
[54] **CERAMIC TOOTH RESTORATIONS AND METHOD FOR MANUFACTURING CERAMIC TOOTH RESTORATIONS**
[54] **RESTAURATIONS DE DENT EN CERAMIQUE ET METHODE POUR LEUR FABRICATION**
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[71] IVOCLAR AG, LI
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[43] 2000-05-23
[30] DE (P 198 53 949.5) 1998-11-23

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[13] A1
[51] **Int.Cl. 7B21D 53/00**
[25] EN
[54] **FLOW-FORMING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE FLUOTOURNAGE**
[72] KOSTERMEIER, KARL-HEINZ, DE
[71] LEICO GMBH & CO.
WERKZEUGMASCHINENBAU, DE
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[43] 2000-05-25
[30] DE (198 54 481.2) 1998-11-25

[21] **2,290,296**
[13] A1
[51] **Int.Cl. 7B41J 2/175**
[25] EN
[54] **INK CARTRIDGE AND PRINTER USING THE SAME**
[54] **CARTOUCHE D'ENCRE ET IMPRIMANTE UTILISANT CETTE CARTOUCHE**
[72] SARUTA, TOSHIHISA, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 1999-11-24
[43] 2000-05-26
[30] JP (10-336330) 1998-11-26
[30] JP (10-336331) 1998-11-26
[30] JP (11-296015) 1999-10-18

[21] **2,290,297**
[13] A1
[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **EXPEDITING RECONVERGENCE IN A ROUTING DEVICE**
[54] **ACCELERATION DE LA RECONVERGENCE DANS UN DISPOSITIF DE ROUTAGE**
[72] RUBINO, WILLIAM F., US
[72] MCLELLAN, LEIGH, US
[72] CHEN, GEPING, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 1999-11-23
[43] 2000-05-23
[30] US (09/197,849) 1998-11-23

[21] **2,290,298**
[13] A1
[51] **Int.Cl. 7F25D 23/00**
[25] EN
[54] **REFRIGERATOR BARRIER STRUCTURE**
[54] **CLOISONNAGE DE REFRIGERATEUR**
[72] KIM, TAE YOUNG, KR
[71] LG ELECTRONICS INC., KR
[22] 1999-11-24
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[30] KR (23103/1998) 1998-11-25

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[13] A1
[51] **Int.Cl. 7B01D 36/02**
[25] EN
[54] **APPARATUS FOR DEPOSITING SOLIDS FROM AN AIR CURRENT**
[54] **APPAREIL POUR ENLEVER LES PARTICULES SOLIDES D'UN ECOULEMENT D'AIR**
[72] HOCKER, FRANK, DE
[71] HOCKER POLYTECHNIK GMBH, DE
[22] 1999-11-24
[43] 2000-05-27
[30] DE (298 21 221.8) 1998-11-27

[21] **2,290,306**
[13] A1
[51] **Int.Cl. 7H05K 3/02**
[25] EN
[54] **METHOD OF FORMING WIRING PATTERN**
[54] **METHODE DE FORMAGE DE TRACE DE CABLAGE**
[72] TOYOTA, YUJI, JP
[72] KOSHIDO, YOSHIHIRO, JP
[72] OKAWA, TADAYUKI, JP
[72] FUJIBAYASHI, KEI, JP
[72] TAKAHASHI, RYOICHIRO, JP
[71] MURATA MANUFACTURING CO., LTD., JP
[22] 1999-11-24
[43] 2000-05-25
[30] JP (10-334005) 1998-11-25

[21] **2,290,309**
[13] A1
[51] **Int.Cl. 7H04L 9/32**
[25] EN
[54] **INFORMATION SIGNAL COPYRIGHT PROTECTION METHOD, INFORMATION SIGNAL RECORDING METHOD AND DEVICE, AND INFORMATION SIGNAL OUTPUT METHOD AND DEVICE**
[54] **METHODE DE PROTECTION DU DROIT D'AUTEUR DE SIGNAUX D'INFORMATION, METHODE ET DISPOSITIF D'ENREGISTREMENT DE SIGNAUX D'INFORMATION ET METHODE ET DISPOSITIF DE SORTIE DE SIGNAUX D'INFORMATION**
[72] NAKAMURA, OSAMU, JP
[72] KOHASHI, TAKASHI, JP
[72] OGINO, AKIRA, JP
[72] NAKAMURA, MASASHI, JP
[72] KIMURA, YUJI, JP
[72] IKEDA, NOZOMU, JP
[71] SONY CORPORATION, JP
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[43] 2000-05-26
[30] JP (P10-335431) 1998-11-26

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[13] A1
[51] **Int.Cl. 7H01Q 21/20 7H01Q 21/29**
[25] EN
[54] **ARRAY ANTENNA AND METHOD FOR OPERATING AN ARRAY ANTENNA**
[54] **ANTENNE RESEAU ET METHODE D'EXPLOITATION D'ANTENNE RESEAU**
[72] REITS, BERNARD JOZEF, NL
[71] HOLLANDSE SIGNAALAPPARATEN B.V., NL
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[30] NL (1010657) 1998-11-26

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[13] A1

[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **MODULAR FILTER FOR EXTRACTING OPTICAL SIGNALS FROM, AND/OR INSERTING THEM INTO, MULTIPLE-WAVELENGTH OPTICAL TELECOMMUNICATIONS SYSTEMS**
[54] **FILTRE MODULAIRE D'EXTRACTION ET/OU D'INSERTION DE SIGNAUX OPTIQUES EN PROVENANCE OU A DESTINATION DE SYSTEMES DE TELECOMMUNICATIONS OPTIQUES A LONGUEURS D'ONDE MULTIPLES**
[72] PIANCIOLA, AURELIO, IT
[72] SCOTTI, SIMONA, IT
[71] PIRELLI CAVIE E SISTEMI S.P.A., IT
[22] 1999-11-24
[43] 2000-05-27
[30] EP (98 122409.0) 1998-11-27

[21] **2,290,312**
[13] A1

[51] **Int.Cl. 7B43L 13/00 7B43L 13/10**
[25] EN
[54] **TILE TRACING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE TRACAGE SUR CARREAUX**
[72] JULIEN, RÉMI, CA
[71] CHABOT, CLAUDE, CA
[22] 1999-11-24
[43] 2000-05-25
[30] CA (2,254,691) 1998-11-25

[21] **2,290,313**
[13] A1

[51] **Int.Cl. 7B29D 23/20**
[25] EN
[54] **METHOD OF FORMING A HEADED THERMOPLASTIC TUBE WITH A REUSABLE CLOSURE**
[54] **METHODE DE FORMAGE DE TUBE THERMOPLASTIQUE A COLLERETTE AVEC FERMETURE REUTILISABLE**
[72] RHOADES, JOHN J., US
[72] KIERAS, RONALD E., US
[71] THATCHER TUBES LLC, US
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[43] 2000-05-25
[30] US (09/199,692) 1998-11-25

[21] **2,290,326**
[13] A1

[51] **Int.Cl. 7B65D 77/02**
[25] EN
[54] **TENT-STYLE CARTON AND POUCH FOR UPRIGHT DISPLAY OF FOOD PRODUCTS**
[54] **CARTON ET EN FORME DE TENTE AVEC SACHET POUR PRESENTATION VERTICALE DE PRODUITS ALIMENTAIRES**
[72] TEASDALE, ARTHUR C., US
[72] WILCOX, STEPHEN P., US
[71] KRAFT FOODS, INC., US
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[43] 2000-05-25
[30] US (199,517) 1998-11-25

[21] **2,290,328**
[13] A1

[51] **Int.Cl. 7A01K 5/00 7A01K 5/02**
[25] EN
[54] **MIXING DEVICE**
[54] **DISPOSITIF MELANGEUR**
[72] HARDING, MARK A., GB
[71] G.E. BAKER (U.K.) LIMITED, GB
[22] 1999-11-24
[43] 2000-05-25
[30] GB (9825741.3) 1998-11-25

[21] **2,290,329**
[13] A1

[51] **Int.Cl. 7B25B 13/46**
[25] EN
[54] **INTERFERENCE FIT JOINT AND METHOD AND INDEXABLE RATCHET WRENCH UTILIZING SAME**
[54] **JOINT ET METHODE D'AJUSTEMENT AVEC SERRAGE, ET APPLICATION A UNE CLE A ROCHET**
[72] MCGOVERN, BRYAN M., US
[72] KAUFMANN, GLENN A., US
[71] SNAP-ON TOOLS COMPANY, US
[22] 1999-11-24
[43] 2000-05-25
[30] US (09/200,679) 1998-11-25

[21] **2,290,330**
[13] A1

[51] **Int.Cl. 7C09D 175/08**
[25] EN
[54] **COMPACT VENEER BASED ON POLYISOCYANATE POLYADDITION PRODUCTS**
[54] **PLACAGE COMPACT A BASE DE PRODUITS DE POLYADDITION DU POLYISOCYANATE**
[72] KNOBLAUCH, GEORG, DE
[72] ROCHE, PETER, DE
[72] BARTZ, THOMAS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[22] 1999-11-19
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[30] DE (198 54 405.7) 1998-11-25

[21] **2,290,331**
[13] A1

[51] **Int.Cl. 7C07J 9/00 7A61P 3/02 7A23L 1/307 7A61K 31/575**
[25] EN
[54] **PHYTOSTEROL AND/OR PHYTOSTANOL DERIVATIVES**
[54] **DERIVES DE PHYTOSTEROL ET/OU DE PHYTOSTANOL**
[72] BURDICK, DAVID CARL, CH
[72] WEBER, PETER, DE
[72] RAEDERSTORFF, DANIEL, FR
[72] MOINE, GÉRARD, FR
[71] F. HOFFMANN-LA ROCHE AG, CH
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[13] A1
[51] **Int.Cl. 7F28F 25/08**
[25] EN
[54] **FILM FILL-PACK FOR INDUCEMENT OF SPIRALING GAS FLOW IN HEAT AND MASS TRANSFER CONTACT APPARATUS WITH SELF-SPACING FILL-SHEETS**
[54] **PELLICULE DE CARTOUCHE DE REMPLISSAGE SERVANT A ACTIVER L'ECOULEMENT SPIRAL DE GAZ DANS UN APPAREIL DE TRANSFERT DE CHALEUR ET DE MASSE PAR CONTACT EQUIPE DE LAMES DE REMPLISSAGE A ESPACEMENT AUTOMATIQUE**
[72] CARTER, THOMAS P., US
[72] FERRARI, SARAH L., US
[72] HARRISON, RICHARD H., US
[72] GARRISH, BRYAN F., US
[71] BALTIMORE AIRCOIL COMPANY, INCORPORATED, US
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[43] 2000-05-25
[30] US (09/200,546) 1998-11-25
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[21] **2,290,503**
[13] A1
[51] **Int.Cl. 7F28F 25/08**
[25] EN
[54] **FILM FILL-PACK FOR INDUCEMENT OF SPIRALING GAS FLOW IN HEAT AND MASS TRANSFER CONTACT APPARATUS WITH SELF-SPACING FILL-SHEETS**
[54] **PELLICULE DE CARTOUCHE DE REMPLISSAGE SERVANT A ACTIVER L'ECOULEMENT SPIRAL DE GAZ DANS UN APPAREIL DE TRANSFERT DE CHALEUR ET DE MASSE PAR CONTACT EQUIPE DE LAMES DE REMPLISSAGE A ESPACEMENT AUTOMATIQUE**
[72] FERRARI, SARAH L., US
[72] GARRISH, BRYAN F., US
[72] CARTER, THOMAS P., US
[72] HARRISON, RICHARD H., US
[71] BALTIMORE AIRCOIL COMPANY, INCORPORATED, US
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[30] US (09/200,546) 1998-11-25

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[13] A1
[51] **Int.Cl. 7E06B 3/48 7E05D 7/00**
[25] EN
[54] **Z-SHAPED STRUT FOR DOOR PANEL**
[54] **ENTRETOISE EN Z POUR PANNEAU DE PORTE**
[72] FRIESEN, RAYMOND J., CA
[72] OSTROVSKY, LEONID, CA
[71] RAYNOR CANADA INC., CA
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[43] 2000-05-27
[30] CA (2,255,088) 1998-11-27

[21] **2,290,719**
[13] A1
[51] **Int.Cl. 7G06F 3/12 7G06F 13/10**
[25] EN
[54] **PRINTING SYSTEM INVOLVING PRINT PREPARING OPERATION**
[54] **SYSTEME D'IMPRESSION COMPORTANT UNE OPERATION PREPARATOIRE EN VUE DE L'IMPRESSION**
[72] YAMAMOTO, MIKA, JP
[71] CANON KABUSHIKI KAISHA, JP
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[43] 2000-05-26
[30] JP (336138/1998) 1998-11-26

[21] **2,290,723**
[13] A1
[51] **Int.Cl. 7H03H 11/26**
[25] EN
[54] **A HIGH TUNABILITY CMOS DELAY ELEMENT**
[54] **CIRCUIT DE RETARD CMOS AVEC HAUTE CAPACITE D'ACCORD**
[72] BALISTRERI, EMANUELE, IT
[72] BURZIO, MARCO, IT
[71] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT
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[43] 2000-05-26
[30] IT (TO98A000993) 1998-11-26

[21] **2,290,729**
[13] A1
[51] **Int.Cl. 7F01L 1/053 7F02B 75/06 7F16F 15/26 7F01L 1/46**
[25] EN
[54] **V-SHAPED INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE EN V**
[72] SAYAMA, TAKEHIKO, JP
[72] TAKAHASHI, NOBUHARU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1999-11-26
[43] 2000-05-27
[30] JP (10-337609) 1998-11-27
[30] JP (10-372282) 1998-12-28
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[21] **2,290,763**
[13] A1
[51] **Int.Cl. 7G02F 1/03 7G02F 1/35**
[25] EN
[54] **BIASING SYSTEM FOR AN OPTICAL MODULATOR WITH DOUBLE OUTPUT**
[54] **SYSTEME DE POLARISATION D'UN MODULATEUR OPTIQUE A DOUBLE SORTIE**
[72] NOTARGIACOMO, MASSIMO, IT
[71] PIRELLI CAVIE E SISTEMI S.P.A., IT
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[13] A1

[51] **Int.Cl. 7H01L 21/203**
[25] EN
[54] **METHOD OF FORMING DIELECTRIC THIN FILM PATTERN AND METHOD OF FORMING LAMINATE PATTERN COMPRISING DIELECTRIC THIN FILM AND CONDUCTIVE THIN FILM**
[54] **METHODE POUR FORMER UN MOTIF DE COUCHES MINCES DIELECTRIQUES ET METHODE POUR FORMER UN MOTIF STRATIFIE COMPRENANT UNE COUCHE MINCE DIELECTRIQUE ET UNE COUCHE MINCE CONDUCTRICE**
[72] TOYOTA, YUJI, JP
[72] OKAWA, TADAYUKI, JP
[72] TAKAHASHI, RYOICHIRO, JP
[72] KOSHIDO, YOSHIHIRO, JP
[72] FUJIBAYASHI, KEI, JP
[71] MURATA MANUFACTURING CO., LTD., JP
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[43] 2000-05-27
[30] JP (10-337868) 1998-11-27

[21] **2,290,799**
[13] A1

[51] **Int.Cl. 7G01R 31/02**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UN ARC INTERNE DANS UNE LIAISON ELECTRIQUE SOUS ENVELOPPE METALLIQUE**
[54] **PROCESS AND DEVICE FOR DETECTING AN INTERNAL ARC IN AN ELECTRICAL CONNECTION UNDER A METAL COVER**
[72] MARMONIER, JEAN, FR
[71] ALSTOM HOLDINGS, FR
[22] 1999-11-23
[43] 2000-05-25
[30] FR (98 14 819) 1998-11-25

[21] **2,290,801**
[13] A1

[51] **Int.Cl. 7H05K 7/04**
[25] FR
[54] **DISPOSITIF ELECTRONIQUE DE PUISSANCE**
[54] **ELECTRONIC POWER DEVICE**
[72] MERMET-GUYENNET, MICHEL, FR
[71] ALSTOM HOLDINGS, FR
[22] 1999-11-24
[43] 2000-05-27
[30] FR (98 15 157) 1998-11-27

[21] **2,290,802**
[13] A1

[51] **Int.Cl. 7H05K 7/02**
[25] FR
[54] **COMPOSANT ELECTRONIQUE DE PUISSANCE COMPORTANT DES MOYENS DE REFROIDISSEMENT**
[54] **ELECTRONIC POWER COMPONENT WITH MEANS OF COOLING**
[72] SCHAEFFER, CHRISTIAN, FR
[72] MERMET-GUYENNET, MICHEL, FR
[71] ALSTOM HOLDINGS, FR
[22] 1999-11-24
[43] 2000-05-27
[30] FR (98 15 155) 1998-11-27

[21] **2,290,803**
[13] A1

[51] **Int.Cl. 7F16J 15/54 7F16J 15/34 7F16J 15/50**
[25] FR
[54] **DISPOSITIF DE RACCORDEMENT TOURNANT ETANCHE AUTORISANT DES DEBATTEMENTS IMPORTANTS**
[54] **LEAKPROOF ROTATING COUPLING DEVICE ALLOWING SUBSTANTIAL RELATIVE MOVEMENT**
[72] MORLEC, JEAN, FR
[72] GARNIER, DOMINIQUE, FR
[71] L'INSTITUT FRANCAIS DU PETROLE, FR
[22] 1999-11-25
[43] 2000-05-26
[30] FR (98/14934) 1998-11-26

[21] **2,290,834**
[13] A1

[51] **Int.Cl. 7F15B 13/043 7F15B 11/04 7F16D 25/08 7F16D 43/28**
[25] EN
[54] **STARTING CONTROL TO CONTROL A HYDRAULIC PISTON/ CYLINDER UNIT**
[54] **COMMANDE DE DEMARRAGE DE PISTON/CYLINDRE HYDRAULIQUE**
[72] BAUER, JOSEF, DE
[71] LIEBHERR, MARKUS, DE
[22] 1999-11-25
[43] 2000-05-25
[30] DE (198 54 453.7) 1998-11-25

[21] **2,290,844**
[13] A1

[51] **Int.Cl. 7H04N 7/50**
[25] EN
[54] **DECODING DEVICE AND DECODING METHOD**
[54] **DISPOSITIF DE DECODAGE ET METHODE DE DECODAGE**
[72] SHIBATA, TADASHI, JP
[72] YASUDA, MAKOTO, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[43] 2000-05-27
[30] JP (10-338084) 1998-11-27

[21] **2,290,845**
[13] A1

[51] **Int.Cl. 7A61K 7/40 7A61K 7/025 7A61K 7/48**
[25] FR
[54] **COMPOSITION COSMETIQUE CONTENANT UNE ASSOCIATION D'ACIDE ACEXAMIQUE ET DE POLYOLS**
[54] **COSMETIC COMPOSITION CONTAINING AN ASSOCIATION OF ACEXAMIC ACID AND POLYOLS**
[72] ARNAUD, PASCAL, FR
[72] PRADIER, FRANÇOIS, FR
[71] L'ORÉAL, FR
[22] 1999-11-26
[43] 2000-05-27
[30] FR (98 14 985) 1998-11-27

[21] **2,290,857**
[13] A1

[51] **Int.Cl. 7E05B 65/44**
[25] EN
[54] **LOCKING APPARATUS HAVING A UNITARY DRIVER**
[54] **SYSTEME DE BLOCAGE A MECANISME D'ENTRAINEMENT**
[72] WESTWINKLE, FLORIAN, CA
[71] WESKO SYSTEMS LIMITED, CA
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[43] 2000-05-25
[30] US (09/199,796) 1998-11-25

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[13] A1
[51] **Int.Cl. 7G10L 19/02**
[25] EN
[54] **SPEECH ENCODING METHOD
AND SPEECH ENCODING SYSTEM**
[54] **METHODE DE CODAGE DE LA
PAROLE ET SYSTEME DE CODAGE DE
LA PAROLE**
[72] SERIZAWA, MASAHIRO, JP
[72] OZAWA, KAZUNORI, JP
[72] ITO, HIRONORI, JP
[71] NEC CORPORATION, JP
[22] 1999-11-25
[43] 2000-05-27
[30] JP (10-337805) 1998-11-27

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[13] A1
[51] **Int.Cl. 7G02F 1/13357**
[25] EN
[54] **POLARIZING BACK-LIGHTING
SYSTEM FOR DIRECT VIEW LIQUID
CRYSTAL DISPLAYS**
[54] **SYSTEME D'ECLAIRAGE
POLARISANT EN CONTRE-JOUR
POUR ECRANS A CRISTAUX
LIQUIDES A VISION DIRECTE**
[72] LI, LI, CA
[72] PANG, ZHENGDA, CA
[71] NATIONAL RESEARCH COUNCIL
OF CANADA, CA
[22] 1999-11-25
[43] 2000-05-27
[30] US (60/110,166) 1998-11-27

[21] **2,290,865**
[13] A1
[51] **Int.Cl. 7G01T 1/164**
[25] FR
[54] **GAMMA-CAMERA AVEC DEUX
COURONNES**
[54] **GAMMA CAMERA WITH TWO
RINGS**
[72] TREILLET, JEAN, FR
[71] SOPHA MEDICAL VISION
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[22] 1999-11-26
[43] 2000-05-27
[30] FR (98 14999) 1998-11-27

[21] **2,290,866**
[13] A1
[51] **Int.Cl. 7G01T 1/164**
[25] FR
[54] **GAMMA-CAMERA
CONVERTIBLE**
[54] **CONVERTIBLE GAMMA CAMERA**
[72] PARE, CHRISTIAN, FR
[72] TREILLET, JEAN, FR
[71] SOPHA MEDICAL VISION
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[22] 1999-11-26
[43] 2000-05-27
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[21] **2,290,897**
[13] A1
[51] **Int.Cl. 7E21B 34/06 7E21B 43/16**
[25] EN
[54] **INJECTION VALVE**
[54] **VANNE D'INJECTION**
[72] HAYNES, ANDREW, US
[72] ALLISON, JAMES, US
[71] BAKER HUGHES INCORPORATED,
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[43] 2000-05-25
[30] US (60/109,883) 1998-11-25

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[13] A1
[51] **Int.Cl. 7H01R 4/66**
[25] EN
[54] **UNIVERSAL GROUND CLIP
ASSEMBLY**
[54] **ENSEMBLE D'ATTACHE DE MISE
A LA TERRE UNIVERSEL**
[72] DINH, CONG THANH, US
[72] COLL, GENE, US
[72] MORAN, THOMAS T., US
[71] THOMAS & BETTS
INTERNATIONAL, INC., US
[22] 1999-11-26
[43] 2000-05-26
[30] US (60/110,043) 1998-11-26

[21] **2,291,391**
[13] A1
[51] **Int.Cl. 7A61K 33/08 7A61P 1/10
7A61K 35/74**
[25] EN
[54] **AN EVACUANT**
[54] **UN LAXATIF**
[72] YAMAGIWA, SEIICHI, JP
[72] INOUE, TAKESHI, JP
[72] INOUE, RANKO, JP
[71] FUJIX INC., JP
[22] 1999-11-25
[43] 2000-05-26
[30] JP (10-334834) 1998-11-26
[30] JP (11-158265) 1999-06-04
[30] JP (11-242369) 1999-08-30

[21] **2,291,414**
[13] A1
[51] **Int.Cl. 7C08K 3/04**
[25] EN
[54] **PRODUCT WITH ANTISTATIC
PROPERTIES**
[54] **PRODUIT AYANT DES
PROPRIETES ANTISTATIQUES**
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[72] BEUTH, REINHARD, DE
[72] KUBBER, JOSEF, DE
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[25] EN
[54] **USE OF MIXED-CRYSTAL PIGMENTS OF THE QUINACRIDONE SERIES IN ELECTROPHOTOGRAPHIC TONERS AND DEVELOPERS, POWDER COATINGS AND INKJET INKS**
[54] **UTILISATION DE PIGMENTS A CRISTAUX MIXTES DE LA SERIE DE LA QUINACRIDONE DANS LES TONERS ET REVELATEURS ELECTROPHOTOGRAPHIQUES, LES REVETEMENTS EN POUDRE ET LES ENCRE UTILISEES DANS LES JETS D'ENCRE**
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[72] URBAN, MANFRED, DE
[72] BAUR, RUEDIGER, DE
[72] SCHNAITMANN, DIETER, DE
[72] MACHOLDT, HANS-TOBIAS, DE
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[51] **Int.Cl. 7H04Q 7/36**
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[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[13] A1

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[72] KELLY, DAVID, CA
[71] KELLY, DAVID, CA
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[13] A1

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[71] THERIAULT, HENRI-PAUL, CA
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[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 3/386 7C11D 3/39 7C11D 3/395 7C11D 1/72 7C11D 1/72**
[25] EN
[54] **DISHWASHER DETERGENT SHAPED BODIES WITH A SPECIFIC RATIO BY VOLUME**
[54] **OBJETS SOUS FORME DE DETERGENT POUR LAVE-VAISSELLE AYANT UN RAPPORT VOLUMIQUE PRECIS**
[72] NITSCH, CHRISTIAN, DE
[72] BEAUJEAN, HANS-JOSEF, DE
[72] PRESSNER, DIETMAR, DE
[72] MUELLER-KIRSCHBAUM, THOMAS, DE
[72] HOLDERBAUM, THOMAS, DE
[72] HAERER, JUERGEN, DE
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[51] **Int.Cl. 7C11D 17/02 7C11D 3/386 7C11D 3/39 7C11D 3/395 7C11D 1/72 7C11D 1/72**
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[54] **DISHWASHER DETERGENT SHAPED BODIES WITH SPECIFIC GEOMETRY**
[54] **OBJETS SOUS FORME DE DETERGENT POUR LAVE-VAISSELLE AYANT UNE GEOMETRIE PRECISE**
[72] MUELLER-KIRSCHBAUM, THOMAS, DE
[72] HOLDERBAUM, THOMAS, DE
[72] PRESSNER, DIETMAR, DE
[72] BEAUJEAN, HANS-JOSEF, DE
[72] NITSCH, CHRISTIAN, DE
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[43] 2000-05-22

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[30] US (08/918,874) 1997-08-26

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[54] **PROCEDE POUR LE
TRAITEMENT DU CANCER**

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[72] BUSER-DOEPNER, CAROLYN A., US

[72] BURKHARDT, ANNE L., US

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[30] GB (9807361.2) 1998-04-06

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UTILIZING RIBONUCLEOTIDE
REDUCTASE R1**

[54] **SUPPRESSION DE LA MALIGNITE
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[72] YOUNG, AIPING H., CA

[71] GENESENSE TECHNOLOGIES, INC.,
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[13] A1

[51] Int.Cl. 7C12Q 1/68

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[54] **METHOD AND KIT FOR
AMPLIFICATION, SEQUENCING AND
TYPING OF CLASSICAL HLA CLASS I
GENES**

[54] **PROCEDE ET TROUSSE
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[21] **2,302,873**
[13] A1

[51] Int.Cl. 7C12N 1/21 7C12N 5/14
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[25] EN

[54] **NUCLEIC AND AMINO ACID
SEQUENCES FOR A NOVEL
TRANSKETOLASE FROM (MENTHA
PIPERITA)**

[54] **SEQUENCES D'ACIDES
NUCLEIQUES ET AMINES, DESTINEES
A UNE NOUVELLE TRANSKETOLASE
EXTRAITE DE MENTHA PIPERITA**

[72] MCCASKILL, DAVID G., US

[72] WILDUNG, MARK R., US

[72] LANGE, BERND M., US

[72] CROTEAU, RODNEY B., US

[71] WASHINGTON STATE UNIVERSITY
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[54] **MODULATEURS DE JNK3 ET
LEURS METHODES D'UTILISATION**

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[72] YANG, DI, US

[72] DAVIS, ROGER J., US

[72] KUAN, CHIA-YIN, US

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[54] **APPAREIL D'IMPRESSION A SEC PORTABLE ET MANUEL**
[72] DUBOIS, CONSTANT, CA
[72] LAFLEUR, ANDRÉ, CA
[72] BUSSIERE, ÉRIC, CA
[72] PATENAUDE, PIERRE, CA
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[13] A1

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[54] **ACQUISITION INITIALE ET SYNCHRONISATION DE TRAMES DANS UN SYSTEME DE COMMUNICATION A SPECTRE ETALE**
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[13] A1

[51] **Int.Cl. 7G10L 15/00**
[25] EN
[54] **APPARATUS AND METHOD FOR DISTINGUISHING SIMILAR-SOUNDING UTTERANCES IN SPEECH RECOGNITION**
[54] **PROCEDE DE DISCRIMINATION DES REALISATIONS DE PHONATION SE RESSEMBLANT DANS UN PROCESSUS DE RECONNAISSANCE DE LA PAROLE**
[72] SCHOofs, KOEN, BE
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[25] EN
[54] **BILLING METHOD IN ELECTRONIC SWITCH IN A CELLULAR NETWORK**
[54] **PROCEDE DE FACTURATION DANS UN COMMUTATEUR ELECTRONIQUE DE RESEAU CELLULAIRE**
[72] HAM, SEOK-JIN, KR
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[54] **SYSTEM AND METHOD FOR SECURING SPEECH TRANSACTIONS**
[54] **SYSTEME ET PROCEDES ASSURANT DES TRANSMISSIONS VOCALES**
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[54] **METHOD AND SYSTEM FOR AUTOMATICALLY CONNECTING A CALL AT A SELECTED TIME IN A RADIO TELECOMMUNICATIONS NETWORK**
[54] **PROCEDE ET SYSTEME POUR LIER AUTOMATIQUEMENT UN APPEL A UN TEMPS CHOISI DANS UN RESEAU DE TELECOMMUNICATION RADIO**
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[54] **PROCEDE PERMETTANT DE CREER DES REFERENCES DE SIGNAUX VOCAUX**
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[71] AMERITECH CORPORATION, US
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[54] **MACROPHAGE DERIVED CHEMOKINE (MDC) AS AN ANTI-VIRAL AGENT FOR THE TREATMENT AND PREVENTION OF LENTIVIRUS INFECTIONS**
[54] **CHEMOKINE DERIVEE D'UN MACROPHAGE (MDC) EN TANT QU'AGENT ANTIVIRAL POUR TRAITER ET PREVENIR DES INFECTIONS PAR LENTIVIRUS**
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[72] DEVICO, ANTHONY L., US
[72] GALLO, ROBERT C., US
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[54] **PROCEDE D'ISOLATION RAPIDE D'ARN**
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[13] A1

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[13] A1

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[54] **PROMOTEURS ADAPTATIFS ACTIVES EN HYPOXIE**
[72] HODGES, THOMAS K., US
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[54] **NOVEL PROTOPORPHYRINOGEN OXIDASE TOLERANT TO LIGHT-REQUIRING HERBICIDES**
[54] **NOUVELLE PROTOPORPHYRINOGENE OXYDASE TOLERANTE VIS-A-VIS DES HERBICIDES NECESSITANT DE LA LUMIERE**
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[72] BILLING-MEDEL, PATRICIA A., US
[72] COLPITTS, TRACEY L., US
[72] KLASS, MICHAEL R., US
[72] KRATOCHVIL, JON D., US
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[13] A1
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[30] US (08/935,450) 1997-09-23

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[51] **Int.Cl. 7C12N 9/24 7C12N 15/55**
[25] EN
[54] **REGULATION OF GENE**
EXPRESSION IN PLANTS
[54] **REGULATION DE L'EXPRESSION**
GENIQUE DANS LES PLANTES
[72] RAHMAN, SADEQR, AU
[72] MORELL, MATTHEW, AU
[72] LI, ZHONGYI, AU
[71] GOODMAN FIELDER LIMITED, AU
[71] COMMONWEALTH SCIENTIFIC
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[30] AU (PO 9108) 1997-09-12
[30] AU (PP 2509) 1998-03-20

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[13] A1
[51] **Int.Cl. 7C12N 9/00 7C12Q 1/00**
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[25] EN
[54] **CLASS I-TYPE LYSYL-TRNA**
SYNTHETASE
[54] **SYNTHETASE D'ARNT DE**
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[72] IBBA, MICHAEL, US
[72] SOLL, DIETER, US
[71] YALE UNIVERSITY, US
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[87] 1999-03-18 (WO99/13057)
[30] US (60/058,420) 1997-09-10

[21] **2,303,508**
[13] A1
[51] **Int.Cl. 7H04Q 7/32**
[25] EN
[54] **METHOD AND APPARATUS FOR A**
UNIT LOCKED AGAINST USE UNTIL
UNLOCKED AND/OR ACTIVATED ON
A SELECTED NETWORK
[54] **PROCEDE ET APPAREIL**
CONCERNANT UNE UNITE
VERROUILLEE CONTRE
L'UTILISATION JUSQU'A CE
QU'ELLE SOIT DEVERROUILLEE ET/
OU ACTIVEE SUR UN RESEAU CHOISI
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[71] BELLSOUTH INTELLECTUAL
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[21] **2,303,784**
[13] A1
[51] **Int.Cl. 7C07H 21/00 7C12Q 1/68**
[25] EN
[54] **USE OF A PENTOPYRANOSYL**
NUCLEOSIDE FOR PRODUCING AN
ELECTRONIC COMPONENT, AND
CONJUGATES OF SAID
PENTOPYRANOSYL NUCLEOSIDE
[54] **UTILISATION D'UN NUCLEOSIDE**
DE PENTOPYRANOSYLE POUR
PRODUIRE UN COMPOSANT
ELECTRONIQUE ET CONJUGUES
DUDIT NUCLEOSIDE
[72] MICULKA, CHRISTIAN, DE
[72] WINDHAB, NORBERT, DE
[72] BRANDSTETTER, TILMANN, DE
[72] BURDINSKI, GERHARD, DE
[71] AVENTIS RESEARCH &
TECHNOLOGIES GMBH & CO. KG, DE
[85] 2000-03-13
[86] 1998-09-21 (PCT/EP98/05999)
[87] 1999-04-01 (WO99/15541)
[30] DE (197 41 715.9) 1997-09-22

[21] **2,303,785**
[13] A1
[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **METHOD FOR SUBSCRIBING**
TELECOMMUNICATION DEVICES AT
COOPERATING STATIONS
CONNECTABLE TO THE
TELECOMMUNICATION DEVICES BY
WIRELESS TELECOMMUNICATION
IN WIRELESS
TELECOMMUNICATION SYSTEMS,
PARTICULARLY DECT MOBILE
PARTS AT DECT BASE STATIONS IN
DECT SYSTEMS
[54] **PROCEDE POUR INSCRIRE DES**
APPAREILS DE
TELECOMMUNICATION DANS DES
STATIONS DE BASE POUVANT ETRE
RELIEES AUXDITS APPAREILS DE
TELECOMMUNICATION, DANS DES
SYSTEMES DE
TELECOMMUNICATION SANS FIL,
NOTAMMENT POUR INSCRIRE DES
UNITES MOBILES DECT DANS DES
STATIONS DE BASE DECT DE
SYSTEMES DECT
[72] KAMPERSCHROER, ERICH, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2000-03-13
[86] 1998-08-27 (PCT/DE98/02528)
[87] 1999-03-25 (WO99/14969)
[30] DE (197 40 561.4) 1997-09-15

[21] **2,303,786**
[13] A1
[51] **Int.Cl. 7A61K 31/555 7A61K 9/14**
[25] EN
[54] **FREEZE-DRIED PREPARATIONS**
AND PROCESS FOR PRODUCING THE
SAME
[54] **PREPARATIONS LYOPHILISEES**
ET PROCEDE DE PRODUCTION
[72] OZAWA, YUMI, JP
[72] TAMURA, FUMINORI, JP
[72] AKIMOTO, MASAHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2000-03-13
[86] 1998-07-14 (PCT/JP98/03154)
[87] 2000-01-27 (WO00/03718)

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,303,793 [13] A1</p> <p>[51] Int.Cl. 7F04B 51/00 [25] EN [54] TEMPERATURE CONTROL SYSTEM IN A HIGH PRESSURE PUMP FOR FAILURE DETECTION OF VALVES AND PLUNGER SEAL [54] DISPOSITIF ET PROCEDE POUR LE DIAGNOSTIC D'ETAT SUR DES ELEMENTS SPECIFIQUES DE POMPES A FLUIDE HAUTE PRESSION [72] TREMOULET, OLIVIER L., JR., US [72] RAGHAVAN, CHIDAMBARAM, US [72] TING, EDMUND Y., US [71] FLOW INTERNATIONAL CORPORATION, US [85] 2000-03-08 [86] 1998-09-16 (PCT/US98/19401) [87] 1999-03-25 (WO99/14498) [30] US (08/931,248) 1997-09-16</p>	<p style="text-align: center;">[21] 2,303,898 [13] A1</p> <p>[51] Int.Cl. 7H01F 41/02 7H01F 27/245 [25] EN [54] METHOD AND APPARATUS FOR MANUFACTURING PACKETS COMPOSED OF SHEET METAL LAMELLAE FOR MAGNETIC CORES [54] PROCEDE ET DISPOSITIF DE FABRICATION DE PAQUETS FORMES DE LAMES DE TOLES POUR NOYAUX MAGNETIQUES [72] EMMERICH, KURT, DE [72] HANGG, ALOIS, DE [72] HEIN, HERBERT, DE [72] WIDRIG, MARKUS, CH [72] LUSCHER, JORG, CH [71] FAES AG, CH [71] VACUUMSCHMELZE GMBH, DE [85] 2000-03-17 [86] 1998-09-14 (PCT/DE98/02723) [87] 1999-04-01 (WO99/16092) [30] DE (197 41 364.1) 1997-09-19</p>	<p style="text-align: center;">[21] 2,303,927 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/00 7H04B 7/216 [25] EN [54] APPARATUS AND METHOD FOR TRANSMITTING BEACON SIGNALS IN A COMMUNICATION SYSTEM [54] DISPOSITIF ET PROCEDE POUR LA TRANSMISSION DE SIGNAUX DE BALISE DANS UN SYSTEME DE COMMUNICATION [72] HALL, SCOTT M., US [71] MOTOROLA, INC., US [85] 2000-03-15 [86] 1998-09-15 (PCT/US98/19080) [87] 1999-04-01 (WO99/16261) [30] US (08/934,362) 1997-09-19</p>
<p style="text-align: center;">[21] 2,303,829 [13] A1</p> <p>[51] Int.Cl. 7A61N 1/368 7A61N 1/05 [25] EN [54] FOUR CHAMBER PACER FOR DILATED CARDIOMYOPATHY [54] STIMULATEUR CARDIAQUE POUR LES QUATRE CAVITES CARDIAQUES POUR UNE CARDIOMYOPATHIE DILATEE [72] ROUTH, ANDRE G., US [71] INTERMEDICS INC., US [85] 2000-03-15 [86] 1998-09-16 (PCT/US98/19500) [87] 1999-03-25 (WO99/13941) [30] US (08/933,581) 1997-09-19</p>	<p style="text-align: center;">[21] 2,303,904 [13] A1</p> <p>[51] Int.Cl. 7B44C 5/06 [25] EN [54] OBJECT CONTAINING PRESSED FLOWERS SEALED THEREIN [54] ARTICLE RENFERMANT UNE FLEUR PASSEE A LA PRESSE [72] SAKAI, TSUYOSHI, JP [71] DOPPEL CO., LTD., JP [85] 2000-03-17 [86] 1998-09-17 (PCT/JP98/04189) [87] 1999-03-25 (WO99/14062) [30] JP (9/252549) 1997-09-17</p>	<p style="text-align: center;">[21] 2,303,999 [13] A1</p> <p>[51] Int.Cl. 7C08K 9/04 7C08L 83/08 7C08G 77/398 7C08F 4/606 [25] EN [54] ORGANO-ALUMINUM COMPOUNDS IMMOBILIZED ON ORGANOPOLYSILOXANEMICROGEL PARTICLES [54] COMPOSES D'ORGANO-ALUMINIUM IMMOBILISES SUR DES PARTICULES DE MICROGEL D'ORGANOPOLYSILOXANE [72] BAUMANN, FRANK, DE [72] ALT, HELMUT, DE [72] WEIS, JOHANN, DE [72] KOPPL, ALEXANDER, DE [71] WACKER-CHEMIE GMBH, DE [85] 2000-03-14 [86] 1998-09-17 (PCT/EP98/05920) [87] 1999-03-25 (WO99/14269) [30] DE (197 41 201.7) 1997-09-18</p>
<p style="text-align: center;">[21] 2,303,895 [13] A1</p> <p>[51] Int.Cl. 7H04L 12/56 7H04Q 11/04 [25] EN [54] COMMUNICATION DEVICE FOR TRANSMITTING MESSAGE SIGNALS [54] DISPOSITIF DE COMMUNICATION POUR LA TRANSMISSION DE SIGNAUX DE COMMUNICATION [72] KOPP, JORG, DE [72] RAU, PETER, DE [72] MATTHIESEN, FRED, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-03-17 [86] 1998-09-18 (PCT/DE98/02778) [87] 1999-04-01 (WO99/16216) [30] DE (197 41 431.1) 1997-09-19</p>	<p style="text-align: center;">[21] 2,303,905 [13] A1</p> <p>[51] Int.Cl. 7B44C 5/06 [25] EN [54] MAGNETICALLY ATTACHABLE SEALED PRESSED FLOWER ARTICLE [54] AIMANT DANS LEQUEL EST SCLEE UNE FLEUR DESSECHEE SOUS PRESSE [72] SAKAI, MIEKO, JP [71] DOPPEL CO., LTD., JP [85] 2000-03-17 [86] 1998-09-17 (PCT/JP98/04190) [87] 1999-03-25 (WO99/14063) [30] JP (9/252550) 1997-09-17</p>	<p style="text-align: center;">[21] 2,304,022 [13] A1</p> <p>[51] Int.Cl. 7F24C 15/10 [25] EN [54] MOUNT FOR A COOKING SURFACE [54] FIXATION POUR SURFACE DE CUISSON [72] NASS, PETER, DE [72] BADER, ULRIKE, DE [72] SCHULTHEIS, BERND, DE [72] STEDRON, HORST, DE [71] LKH KUNSTSTOFFWERK GMBH & CO. KG, DE [71] SCHOTT GLASWERKE, DE [85] 2000-03-16 [86] 1997-08-18 (PCT/EP97/04506) [87] 1998-03-26 (WO98/12481) [30] DE (196 37 896.6) 1996-09-17</p>

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[21] **2,304,067**
[13] A1

[51] **Int.Cl. 7F24C 15/10**
[25] EN
[54] **HOLDER FOR A HOT PLATE**
FIXATION POUR SURFACE DE
CUISSON
[72] STEDRON, HORST, DE
[72] SCHULTHEIS, BERND, DE
[72] NASS, PETER, DE
[72] BADER, ULRIKE, DE
[71] SCHOTT GLASWERKE, DE
[71] LKH KUNSTSTOFFWERK GMBH &
CO. KG, DE
[85] 2000-03-16
[86] 1997-08-18 (PCT/EP97/04507)
[87] 1998-03-26 (WO98/12482)
[30] DE (196 37 784.6) 1996-09-17

[21] **2,304,101**
[13] A1

[51] **Int.Cl. 7C22B 5/10 7C22C 1/02**
7C22C 29/02 7C22B 4/06 7C22C 29/10
7C09K 3/14 7C04B 35/56
[25] EN
[54] **HARD MATERIAL TITANIUM**
CARBIDE BASED ALLOY, METHOD
FOR THE PRODUCTION AND USE
THEREOF
[54] **ALLIAGE DUR A BASE DE**
CARBURE DE TITANE, SON PROCEDE
DE PRODUCTION AINSI QUE SON
UTILISATION
[72] BUCAR, WOLFGANG, DE
[72] ZEIRINGER, HANS, DE
[71] TREIBACHER SCHLEIFMITTEL AG,
AT
[85] 2000-03-17
[86] 1998-08-20 (PCT/DE98/02425)
[87] 1999-04-01 (WO99/15705)
[30] DE (197 41 418.4) 1997-09-19

[21] **2,304,110**
[13] A1

[51] **Int.Cl. 7A61K 31/52 7A61K 9/22**
7A61K 47/30 7A61K 9/52
[25] EN
[54] **SUSTAINED-RELEASE**
THEOPHYLLINE TABLET
[54] **COMPRIME DE THEOPHYLLINE**
A LIBERATION PROLONGEE
[72] KAMAKURA, MINORU, JP
[72] SUNOHARA, MASAOKI, JP
[72] OKUMURA, MUTSUO, JP
[71] NIKKEN CHEMICALS CO., LTD., JP
[85] 2000-03-16
[86] 1998-09-21 (PCT/JP98/04247)
[87] 1999-04-08 (WO99/16448)
[30] JP (9/281172) 1997-09-30
[30] JP (10/235406) 1998-08-21

[21] **2,304,146**
[13] A1

[51] **Int.Cl. 7A61B 5/15 7A61M 5/31**
[25] EN
[54] **CLOSED, ONE-HANDED BLOOD**
SAMPLING SYSTEM
[54] **SYSTEME DE PRELEVEMENT**
D'ECHANTILLON DE SANG FERME
MANIPULABLE AVEC UNE SEULE
MAIN
[72] COUCHMAN, W. SCOTT, US
[72] EVANS, DAVID J., US
[72] MORRIS, WESLEY M., US
[72] SWENDSON, DAVID L., US
[71] BAXTER INTERNATIONAL INC., US
[85] 2000-03-16
[86] 1998-09-24 (PCT/US98/20060)
[87] 1999-04-08 (WO99/16354)
[30] US (08/937,670) 1997-09-26

[21] **2,304,176**
[13] A1

[51] **Int.Cl. 7C07C 45/73 7C07C 49/04**
[25] EN
[54] **MANUFACTURE OF METHYL**
ISOBUTYL AND DIISOBUTYL
KETONE
[54] **FABRICATION DE**
METHYLISOBUTYLCETONE OU DE
METHYLDIISOBUTYLCETONE
[72] BASSETT, MARK R., US
[72] KEEN, BRIAN T., US
[71] UNION CARBIDE CHEMICALS &
PLASTICS TECHNOLOGY
CORPORATION, US
[85] 2000-03-15
[86] 1997-09-16 (PCT/US97/16340)
[87] 1999-03-25 (WO99/14177)

[21] **2,304,187**
[13] A1

[51] **Int.Cl. 7A61N 1/362 7A61N 1/368**
7A61N 1/39
[25] EN
[54] **APPARATUS FOR DUAL**
CHAMBERED TACHYARRHYTHMIA
CLASSIFICATION AND THERAPY
[54] **DISPOSITIF POUR LA**
CLASSIFICATION ET LA THERAPIE
DES TYPES DE TACHYARYTHMIE
PAR DETECTION SUR DEUX
CHAMBRES
[72] DENO, D. CURTIS, US
[72] ARMSTRONG, RANDOLPH K., US
[72] COOK, DOUGLAS J., US
[72] TRUONG, DAT H., US
[71] INTERMEDICS INC., US
[85] 2000-03-15
[86] 1998-09-15 (PCT/US98/19074)
[87] 1999-04-01 (WO99/15232)
[30] US (08/934,361) 1997-09-19

[21] **2,304,188**
[13] A1

[51] **Int.Cl. 7A61N 5/06**
[25] EN
[54] **DEVICES AND METHODS FOR**
PERFORMING TRANSMYOCARDIAL
REVASCLARIZATION
[54] **DISPOSITIFS ET PROCEDES**
POUR OPERATIONS DE
REVASCLARISATION
TRANSMYOCARDIQUE
[72] SCHUBERT, THOMAS, DE
[72] TOSO, KENNETH E., US
[72] PERNA, WILLIAM P., US
[72] PACALA, THOMAS J., US
[72] CORREIA, JAMES, US
[72] MIDDLECAMP, MARKUS, DE
[72] ERNSTBERGER, BERNHARD, DE
[71] SCHUBERT, THOMAS, DE
[71] UNITED STATES SURGICAL
CORPORATION, US
[71] TOSO, KENNETH E., US
[71] PERNA, WILLIAM P., US
[71] PACALA, THOMAS J., US
[71] CORREIA, JAMES, US
[71] MIDDLECAMP, MARKUS, DE
[71] ERNSTBERGER, BERNHARD, DE
[85] 2000-03-15
[86] 1998-09-24 (PCT/US98/20204)
[87] 1999-04-01 (WO99/15237)
[30] US (60/059,889) 1997-09-24

Demandes PCT entrant en phase nationale

[21] **2,304,192**

[13] A1

[51] **Int.Cl. 7H04M 3/30**

[25] EN

[54] **TELEPHONE TESTING SYSTEM
FOR PROVIDING ACCESS TO BOTH
RIVAL AND LOCAL CARRIER ACCESS**

[54] **SYSTEME DE VERIFICATION
TELEPHONIQUE**

[72] BENEDICT, JOHN M., US

[72] HOLMES, BRADFORD R., US

[72] MORTIMER, LARRY, US

[71] TOLLGRADE COMMUNICATIONS,
INC., US

[85] 2000-03-15

[86] 1998-09-18 (PCT/US98/19622)

[87] 1999-03-25 (WO99/14917)

[30] US (60/059,394) 1997-09-19

[21] **2,305,219**

[13] A1

[51] **Int.Cl. 7B32B 27/12 7E06B 9/386**

[25] EN

[54] **STRUCTURE HAVING AT LEAST
ONE IMPROVED SURFACE AND A
METHOD OF MAKING THE
STRUCTURE**

[54] **STRUCTURE PRESENTANT AU
MOINS UNE SURFACE AMELIOREE
ET PROCEDE DE FABRICATION DE
CETTE STRUCTURE**

[72] EVANS, ROBERT M., US

[72] PIERSON, RICHARD E., US

[71] STEELEWOOD EXTRUDING
CORPORATION, US

[85] 2000-05-11

[86] 1999-02-10 (PCT/US99/02824)

[87] 1999-08-19 (WO99/41072)

[30] US (09/021,775) 1998-02-11

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Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,297,610**
[13] A1
[51] Int.Cl. 7H01M 8/04 7F01K 23/06
7H01M 8/06 7H01M 8/24
[25] EN
[54] **ULTRA-HIGH EFFICIENCY
TURBINE AND FUEL CELL
COMBINATION**
[54] **ENSEMBLE TURBINE ET PILE A
COMBUSTIBLE ULTRA HAUTE
EFFICACITE**
[72] HSU, MICHAEL S., US
[72] HOAG, ETHAN D., US
[71] ZTEK CORPORATION, US
[22] 1995-03-21
[43] 1996-02-22
[62] 2,196,764
[30] US (08/287,093) 1994-08-08
[30] US (08/325,486) 1994-10-19

[21] **2,303,709**
[13] A1
[51] Int.Cl. 7C08J 9/06 7C11D 7/50
[25] EN
[54] **C3 TO C5 POLYFLUOROALKANES
PROPELLANTS**
[54] **PROPULSEURS A BASE DE
POLYFLUOROALDCANES**
[72] SOMMERFELD, CLAUS-DIETER, JP
[72] LAMBERTS, WILHELM, DE
[72] MARHOLD, ALBRECHT, DE
[72] BIELEFELDT, DIETMAR, DE
[72] NEGELE, MICHAEL, DE
[71] BAYER AKTIENGESELLSCHAFT,
DE
[22] 1990-02-02
[43] 1990-08-04
[62] 2,009,169
[30] DE (P 39 03 336.8) 1989-02-04

[21] **2,303,710**
[13] A1
[51] Int.Cl. 7E21B 17/00 7E21B 17/042
[25] EN
[54] **STRAIGHT HOLE DRILLING
SYSTEM**
[54] **SYSTEME DE FORAGE DE TROUS
DROITS**
[72] YAO, JAMES JING, CA
[71] BOART LONGYEAR INC., CA
[22] 1997-12-05
[43] 1998-01-05
[62] 2,221,018
[30] AU (PO 4458) 1997-01-06

[21] **2,303,711**
[13] A1
[51] Int.Cl. 7G10L 19/02
[25] EN
[54] **METHOD FOR NOISE
WEIGHTING FILTERING**
[54] **METHODE DE FILTRAGE POUR
LA PONDERATION DU BRUIT**
[72] SHOHAM, YAIR, US
[72] WIERZYNSKI, CASIMIR, US
[71] AT&T IPM CORP., US
[71] WIERZYNSKI, CASIMIR, US
[22] 1995-12-15
[43] 1996-07-01
[62] 2,165,351
[30] US (367,526) 1994-12-30

[21] **2,303,712**
[13] A1
[51] Int.Cl. 7A01H 5/00 7C11B 1/00
7C12N 5/04 7C12N 5/14
[25] EN
[54] **OILSEED BRASSICA
CONTAINING AN IMPROVED
FERTILITY RESTORER GENE FOR
OGURA CYTOPLASMIC MALE
STERILITY**
[54] **GRAINE OLEAGINEUSE DE LA
FAMILLE BRASSICA CONTENANT UN
GENE RESTAURATEUR DE
FERTILITE AMELIORE
PERMETTANT DE LUTTER CONTRE
LA STERILITE MALE
CYTOPLASMIQUE D'OGURA**
[72] TULSIERAM, LOMAS K., CA
[72] PATEL, JAYANTILAL D., CA
[72] PRUVOT, JEAN-CLAUDE M., FR
[72] KRALING, KONRAD, DE
[72] GRANT, IAN, CA
[72] CHARNE, DAVID G., CA
[71] PIONEER HI-BRED
INTERNATIONAL, INC., US
[22] 1997-12-19
[43] 1998-07-02
[62] 2,246,244
[30] CA (2,193,938) 1996-12-24
[30] EP (97306490.0) 1997-08-26

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[21] **2,303,714**
[13] A1

[51] **Int.Cl. 7A61M 1/14**
[25] EN
[54] **MULTIFUNCTIONAL APPARATUS FOR TREATMENT OR RENAL INSUFFICIENCY**
[54] **APPAREIL MULTIFONCTIONNEL POUR TRAITER L'INSUFFISANCE RENALE**
[72] CHEVALLET, JACQUES, FR
[72] CORBIN, FRANK III, FR
[72] JOHNSON, STEVEN H., FR
[72] LEPPERT, LAWRENCE L., FR
[72] LOBDELL, DONN D., FR
[72] BENE, BERNARD, FR
[71] HOSPAL INDUSTRIE, FR
[22] 1992-09-09
[43] 1993-03-11
[62] 2,077,848
[30] FR (91 11 351) 1991-09-10

[21] **2,303,741**
[13] A1

[51] **Int.Cl. 7A01K 1/00 7A61D 19/02**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING ESTRUS IN SWINE**
[54] **METHODE ET SYSTEME POUR LA DETECTION DE L'OESTRUS CHEZ LE PORC**
[72] LABRECQUE, ROBERT, CA
[72] LABRECQUE, GERMAIN, CA
[71] LABRECQUE, ROBERT, CA
[71] LABRECQUE, GERMAIN, CA
[22] 1999-04-28
[43] 1999-08-22
[62] 2,270,319
[30] GB (9904199.8) 1999-02-25

[21] **2,303,751**
[13] A1

[51] **Int.Cl. 7H04Q 7/20**
[25] EN
[54] **METHOD FOR COMMUNICATING IN A WIRELESS COMMUNICATION SYSTEM**
[54] **METHODE DE COMMUNICATION POUR SYSTEME DE COMMUNICATION SANS FIL**
[72] SAWYER, FRANCOIS, CA
[72] ANDERSSON, HANS CLAS, SE
[72] HOFF, ANDERS CARL ERIC, SE
[72] SAMMARCO, ANTHONY J., US
[72] DIACHINA, JOHN WALTER, US
[72] PERSSON, BENGT, SE
[72] MARSOLAIS, PATRICE, CA
[72] BODIN, ROLAND STIG, SE
[72] TURCOTTE, JOSEPH ERIC, CA
[72] RAITH, ALEX K., US
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[22] 1994-10-31
[43] 1995-05-02
[62] 2,134,695
[30] US (08/147,254) 1993-11-01

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June 13, 2000

Index des brevets canadiens délivrés

13 juin 2000

A.R.I. KFAR CHARUV	2,187,601	BERBERICH, Edward Charles Jr.	2,201,559	CANON KABUSHIKI KAISHA	2,173,091
ABBOTT LABORATORIES	2,048,450	Bergeson, Scott Haven	1,341,023	CANON KABUSHIKI KAISHA	2,176,682
Abrams, Brad F.	2,163,659	Bertin, Giorgio	2,196,258	CANON KABUSHIKI KAISHA	2,199,000
Accatino, Luciano	2,196,258	Beukers, Rutger	2,067,248	Carveth, William H.	2,012,375
Adelman, John Peter	1,341,022	Bio Serae Laboratoires S.A., Société Anonyme	2,014,847	Casio Computer Co., Ltd.	2,193,114
ADIR ET COMPAGNIE	2,030,732	BIOGEN, INC.	1,341,026	Caspari, Richard B.	2,073,328
Aerological Research Systems, Incorporated	2,002,478	Bitonti, Alan J.	2,137,072	Castle, T. Kevin	2,173,518
Akehurst, Rachel Ann	2,125,667	BOEHRINGER INGELHEIM (CANADA) LTD./BOEHRINGER		Cauwet, Danièle	2,147,553
ALBA-WALDENSIAN, INC.	2,188,773	INGELHEIM (CANADA)	2,019,006	Celtrix Pharmaceuticals, Inc.	2,159,079
ALCATEL NETWORKS SYSTEMS, INC.	2,185,365	BOEHRINGER INGELHEIM (CANADA) LTD./BOEHRINGER		CHANG, Peter	2,206,157
ALCON LABORATORIES, INC.	2,146,127	BOEHRINGER INGELHEIM (CANADA) LTD./BOEHRINGER	2,036,398	Chappell, Charles	2,092,199
AMERICAN TELEPHONE AND TELEGRAPH COMPANY	2,107,446	BOEHRINGER INGELHEIM (CANADA) LTD./BOEHRINGER	2,157,196	Charrier, Jacqueline Watson	2,092,199
AMTECH CORPORATION	2,033,868	INGELHEIM (CANADA)	2,134,028	CHIRON CORPORATION	1,341,021
Anderson, Paul Cates	2,036,398	Bohm, Georg G.A.	1,341,028	Chiron Corporation	2,079,105
Antberg, Martin	2,010,065	Bolling, Richard W.	2,057,857	Choo, Qui-Lim	2,079,105
APPLIED MEDICAL RESOURCES CORPORATION	2,195,017	BONAQUIST, Dante Patrick	2,201,991	Chopin, Thierry	2,116,812
Arsenault, Gilles Joseph	2,030,066	Bonnet, Jacqueline	2,030,732	Chu, David Lawrence	2,015,858
Asada, Syuji	2,120,887	Boston Scientific Ireland Limited, Barbados Head Office	2,181,673	CHUGAI SEIYAKU KABUSHIKI KAISHA	2,010,982
ASAHI KASEI KOGYO KABUSHIKI KAISHA	2,003,981	Bradford, William Gordon	2,030,066	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,007,549
ASEC CO., LTD.	2,101,825	Brisset, Martine	2,030,732	Clanton, Christopher L.	2,170,893
ASHIHARA, Ryohei	2,199,862	BRISTOL-MYERS SQUIBB COMPANY	2,010,005	Clarkson, Michael	2,197,145
AT&T CORP.	2,147,772	BRITISH TELECOM-MUNICATIONS PUBLIC LIMITED COMPANY	2,185,030	Cliffe, Ian Anthony	2,014,062
AT&T CORP.	2,201,559	Brooker, Anju Deepali	2,187,518	Cole, Heather Elaine	2,002,478
AT&T IPM CORP.	2,172,181	Brophy, Jere H.	2,161,799	COLE, Ronald E.	2,214,559
AT&T IPM CORP.	2,182,428	Broskow, James A.	2,146,217	COLE, Ronald Eugene	2,215,146
Autokuhler GmbH & Co. KG	2,012,043	Bruckert, Eugene J.	2,189,720	Collard, Jean-Noel	1,341,025
BAERENWALD, Philip M.	2,201,404	Brunner, Larry F.	2,102,000	COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE	2,081,118
Barden, Charles Ray	2,002,478	Brush Wellman Inc.	2,161,799	Coombs, Paul G.	2,188,156
BAREFOOT, Richard	2,215,113	Budde, Anna M.	2,107,664	Corrigan, Gerald Edward	2,161,540
Bareis, Bernard F.	2,118,135	Bull CP8	2,143,651	Corrigan, Patrick Joseph	2,145,995
BASF CORPORATION	2,107,664	Burnett, Gerald J.	2,173,204	Cosgrove, Delos M.	2,059,561
BAUSCH & LOMB INCORPORATED	2,181,984	Burnette, Andrew Dent	2,002,478	Cox, Simon Andrew	2,185,030
Bawa, Rajan S.	2,181,984	Burns, Emmett R.	2,173,204	Creaven, Patrick J.	2,003,981
BAXTER INTERNATIONAL INC.	2,059,561	Burström, Gunnar	2,078,222	Critikon, Inc.	2,000,842
BAYER		Calandra, Frank, Jr.	2,082,342	CRYOVAC, INC.	2,040,064
AKTIENGESELLSCHAFT	2,020,012	CALIFORNIA INSTITUTE OF TECHNOLOGY	2,196,061	CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A.	2,196,258
BAYER INC.	2,030,066	CALLISTO MEDIA SYSTEMS INC.	2,213,448	Czerwiec, Richard M.	2,185,365
BAYLOR COLLEGE OF MEDICINE	2,048,450	Camerini-Otero, Carol S.	2,095,624	DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD.	2,171,586
BELL, L. Michael	2,202,816	Camerini-Otero, Rafael D.	2,095,624	Dana-Farber Cancer Institute, Inc.	2,118,309
BELZILE, Pierre	2,237,622	Cameron, Robert H.	2,000,842	Danzin, Charles	1,341,025
BELZILE, Pierre	2,237,624	Campbell, Colin Dennis	2,007,549	Danzin, Charles	1,341,027
Benderev, Theodore V.	2,181,673			Dayer, Jean-Michel	1,341,026

**Index of Canadian Patents Issued
June 13, 2000**

DEERE & COMPANY	2,201,947	Foster, Peter J.	2,118,135	Himmler, Thomas	2,020,012
Degre, Michel	2,014,847	Frank, William R.	2,164,388	Hines, Letha Margie	2,092,199
Delean, Bruno	2,158,988	Frouin, Laurent	2,173,384	Hirano, Munehiko	2,147,883
Denki Kagaku Kogyo Kabushiki Kaisha	2,030,916	Fu, Gregory C.	2,196,061	HIRAOKA, Mizuho	2,199,000
DeSantis, Louis, Jr.	2,146,127	Fuhrmann, Ernst	2,012,043	Hirovani, Takayuki	2,193,114
Dexter Corporation (The)	2,120,112	Fujita, Tatsuo	2,120,887	HISAMITSU PHARMACEUTICAL CO., INC.	2,147,883
Déziel, Robert	2,019,006	Fuller, Ronald C.	2,010,005	HOECHST AKTIENGESELLSCHAFT	2,010,065
Deziel, Robert	2,157,196	GALLAGHER, William F.	2,215,292	Honma, Yoshimi	2,149,038
Diernaz, Christian	2,081,118	GANCARCIK, Ed	2,215,535	Hood, Teresa I.	2,158,965
DIVJAK, August A.	2,229,071	Garcia, Hubert	2,040,863	Hori, Kazuyoshi	2,003,981
Dodd, Ian Martin	2,187,518	Gaudernack, Gustav	2,077,537	Houghton, Michael	2,079,105
Dolan, John W.	2,163,659	GEC ALSTHOM T & D SA	2,202,544	HOVAL INTERLIZ AG	2,186,270
Dolle, Volker	2,010,065	Gedde-Dahl, Tobias	2,077,537	Hudson Soft Co. Ltd.	2,103,988
Doman, Robert	2,000,842	GENENTECH, INC.	1,341,022	Huguenin, Frédéric	2,014,044
Dovey, Anthony	2,141,584	General Atomic	2,049,754	Hutchinson, Franklin D.	2,064,628
Dry Dock Industries, Inc.	2,012,285	GENERAL INSTRUMENT CORPORATION OF DELAWARE	2,194,532	IBM CANADA LTD. - IBM CANADA LIMITÉE	2,166,257
Dubief, Claude	2,147,553	GENERAL MOTORS CORPORATION	2,131,865	Ichikawa, Shunji	2,107,014
DuPont Pharmaceuticals Company	1,341,024	GENERAL MOTORS CORPORATION	2,141,533	Iijima, Motoko	2,135,452
EATON CORPORATION	2,123,660	GENTILE, JOSEPH P.	2,282,369	ILLINOIS TOOL WORKS INC.	2,146,217
EATON CORPORATION	2,153,724	Germann, Albrecht Jozef	2,022,549	Ino, Juichi	2,013,660
Eatwell, Graham Paul	2,076,351	Gerson, Ira Alan	2,161,540	IPSCO INC.	2,164,388
Edwards, Philip Duke	1,341,023	Ghisler, Walter	2,078,222	Isaksen, Roald	2,052,962
eht Siegmund G.m.b.H.	2,271,579	Ghisolfi, Guido	2,083,281	Ishibashi, Katsuyuki	2,120,887
ELLCON NATIONAL, INC.	2,215,113	Gittins, Christopher John	2,185,030	Ishigaki Company Limited	2,174,450
ELLINGSON, Robert T.	2,210,931	GLAXO GROUP LIMITED	2,125,667	Ishigaki Company Limited	2,195,618
Elsner, Lothar	2,005,009	Goldstein, Henry	2,057,857	Ishikawa, Genkichi	2,149,038
EMERALD SEED PRODUCTS LTD.	2,206,157	Goncalves, Rui	2,101,401	Ishimaru, Hiroshi	2,003,981
Emerick, W. Russell	2,158,965	GRAY, Alfred L.	2,201,404	Itozaki, Hideo	2,054,346
EMERSON & CUMING MICROWAVE PRODUCTS	2,026,535	Green, Marvin L.	2,107,664	Iwatani, Akitoshi	2,174,450
EMERSON ELECTRIC CO.	2,214,559	Green, Michael J.	2,085,878	J & J DISPLAY SALES LTD.	2,256,607
EMERSON ELECTRIC CO.	2,215,146	Grenier, Gilles	2,028,157	J. M. Voith GmbH	2,101,401
Englund, Richard L.	2,007,470	Greising, Fritz C.	2,161,799	J.L. Clark, Inc.	2,201,404
Environmental Support Systems, Inc.	2,040,633	Grubbs, Robert H.	2,196,061	Jack, Michael D.	2,131,865
ENVIROTEST SYSTEMS CORP.	2,131,865	Guay, Claude	2,180,725	Jacubec, Mark Robert	2,002,478
E-ONE MOLLI ENERGY (CANADA) LIMITED	2,164,385	Guindon, Yvan	2,036,398	JENNMAR CORPORATION	2,082,342
ERHARDT + LEIMER GMBH	2,228,623	Guyot, Denis	2,028,157	Jochum, Peter	2,121,283
Eriksen, Jon A.	2,077,537	Haartsen, Jacobus C.	2,008,754	JODOIN, Sylvain	2,237,622
Eteve, Martine	2,147,230	Hahn, Dennis	2,181,984	JODOIN, Sylvain	2,237,624
ETHICON, INC.	2,052,697	Halazy, Serge	1,341,027	John Wyeth and Brother Limited	2,014,062
EUROPÄISCHE ATOMGEMEINSCHAFT (EURATOM)	2,067,248	Hall, Robin Gibson	2,187,518	JOHNSON SERVICE COMPANY	2,229,071
Ewan, Thomas Kenny	2,002,478	Hamaura, Takashi	2,101,825	Johnson, James Robert	2,177,513
Exergy, Inc.	2,154,971	Hamer, Johannes A.	2,009,571	Johnson, Lynda K.	2,196,061
EXXON RESEARCH AND ENGINEERING COMPANY	2,015,858	Hammar, Claes Lennart	2,078,222	Kageyama, Atsuhisa	2,132,142
FARMER, Christopher Leonard	2,239,609	Handjani, Rose-Marie	2,014,044	KAISER, Jeffrey Wayne	2,202,816
Feiss, Roy L.	2,017,896	Harbeson, Scott L.	2,137,072	Kalina, Alexander I.	2,154,971
Ferrario, Bruno	2,128,416	Harris, Gerald	2,005,046	Kallis, Lyle Grant	2,099,554
Ferrin, Lance J.	2,095,624	Hart, Charles C.	2,195,017	Kapoor, Akhilesh	2,181,328
Fietier, Isabelle	2,054,341	Hayashida, Yukio	2,120,887	Karaali, Orhan	2,161,540
Fischer Gesellschaft m.b.H.	2,107,325	Hedfi, Adel	2,002,478	Kata, Keiichiro	2,159,243
Fisher, Michael V.	2,049,754	Heilenbach, James W.	2,141,533	Katoh, Makoto	2,030,916
Fisher, Shari Powell	2,188,156	Heinz, Wilhelm	2,067,248	Katz, Leonard	2,048,450
Fleischhaker, Wolfgang	2,112,813	HEMLING, Thomas C.	2,206,164	Katzman, Yuval	2,187,601
FLEX PRODUCTS, INC.	2,188,156	HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE NATIONAL	2,102,767	Kauffmann, Myriam	2,014,044
Foster, John	2,036,904	Hiernaut, Jean Pol	2,067,248	Kaufman, Stanley	2,107,446
		Higaki, Kenjiro	2,054,346	Kawahara, Hideo	2,013,660
		Higashi, Akihiro	2,192,925	Kawakami, Takashi	2,006,250
		Hildin, John J.	2,148,631	Kawasaki, Hiroichi	2,174,450
		Hillmyer, Marc A.	2,196,061	Kazakis, Michael V.	2,173,518
		Hilti Aktiengesellschaft	2,121,283	Kemen, Kenneth Michael	2,189,544
				Keystone International Holdings Corp.	2,017,895

Index des brevets canadiens délivrés

13 juin 2000

Keystone International Holdings Corp.	2,017,896	Macaudière, Pierre	2,116,812	Montagne, Mark R.	2,107,664
Kikawa, Tatsuo	2,120,887	MacPherson, Ian Alexander	2,007,549	Moore, James Conroy	2,002,478
Kikuchi, Fumio	2,192,925	Manini, Paolo	2,128,416	Morel, Robert	2,040,863
KINGSLEY, Jeffrey Paul	2,198,514	Mansell, Howard Langham	2,014,062	Morris, James K.	2,035,614
Kitamura, Hidenori	2,120,887	Marder, James M.	2,161,799	Moss, Neil	2,019,006
Kitaoka, Masaki	2,013,660	MARMONIER, Jean	2,202,544	Moss, Neil	2,036,398
KOBAYASHI, Hisashi	2,202,427	Marshall, Alexander James	2,030,066	Moss, Neil	2,157,196
Koelle, Alfred R.	2,033,868	MARTIN, VAUGHN H.	2,282,369	Motooka, Eiji	2,146,473
KOHLER, Joylee E.	2,203,218	Mascarenhas, Desmond	2,159,079	MOTOROLA, INC.	2,152,811
Koike, Masaru	2,180,619	Massachusetts Institute of Technology	2,002,182	MOTOROLA, INC.	2,161,540
Koike, Nobuaki	2,107,014	Matsuda, Shuichi	2,159,243	MOTOROLA, INC.	2,170,893
Kosaka, Akio	2,006,250	Matsumoto, Kiyoto	2,139,086	MOTOROLA, INC.	2,189,720
Kozica, Michael	2,012,043	Matsumoto, Toshio	2,010,982	MUELLER, David G.	2,219,180
KRUGER, Jens	2,208,328	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,120,887	MURAKAMI, Hajime	2,199,862
KRUPP FORDERTECHNIK GMBH	2,112,813	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,132,142	Murakami, Hidenobu	2,127,442
KUBOTA, Kohei	2,199,862	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,138,738	Murase, Tutomu	2,152,255
Kubota, Ouichi	2,176,682	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,199,862	Musslewhite, Thomas William	2,002,478
Kubota, Tadashi	2,120,887	Matsura, Takashi	2,182,896	Mycoal Warmers Company Limited	2,004,292
Kueffer, Max	2,017,895	MAURER, Jorg Dr.	2,208,328	Nagode, Thomas D.	2,152,811
Kueffer, Max	2,017,896	MAVITY, John C.	2,213,448	Nakagawa, Akira	2,147,883
Kunkel, Wolfgang	2,186,270	Mayer, Katherine Louise	2,092,199	Nakamura, Joji	2,107,014
Kuo, Gary	2,157,842	Mazzei, Gonzalo Jose	1,341,026	Nakano, Etsuhiro	2,192,925
Kuo, George	2,079,105	McGregor, Gordon L.	2,163,659	Nakatani, Hajime	2,066,908
Kuribayashi, Mitsuru	2,147,883	McIntosh, Margaret	2,095,624	Nakaya, Takashi	2,180,619
Kvasheim, Torbjorn	2,064,778	McKinzie, Michael D.	2,206,164	Naves, Neil H.	2,181,673
KYOWA HAKKO KOGYO CO., LTD.	2,107,014	McNeil, Kevin Benson	2,177,513	NCR Corporation	2,008,754
KYOWA HAKKO KOGYO CO., LTD.	2,149,038	Mecatherm (Société Anonyme)	2,162,203	NEC CORPORATION	2,139,086
L. Payen et Cie	2,019,640	MEINAN MACHINERY WORKS, INC.	2,180,619	NEC CORPORATION	2,152,255
Lambert, Barnum Bailey	2,040,633	Meinecke, Albrecht	2,101,401	NEC CORPORATION	2,154,099
Landt, Jeremy A.	2,033,868	Mereness, W. Michael	2,052,697	NEC CORPORATION	2,159,243
Langley, Andrew John	2,076,351	MERLIN GERIN	2,040,863	Nelson, David R.	2,131,865
Langley, Robert	2,007,549	MERRELL		Nevarez, Carlos A.	2,178,753
Lantz, Keith A.	2,173,204	PHARMACEUTICALS INC.	1,341,025	Nguyen, Frédérique	2,014,847
LAPLANTE, Benoît	2,200,228	MERRELL		Nguyen, SonBinh T.	2,196,061
Lapp, Joachim Alfred Heinz	2,022,549	PHARMACEUTICALS INC.	1,341,027	Nguyen, Than	2,059,561
Laugal, James A.	2,107,664	MERRELL		NIEMANN, Heinrich	2,228,623
Lauwers, J. Chris	2,173,204	PHARMACEUTICALS INC.	2,137,072	Nippon Sheet Glass Co., Ltd.	2,013,660
Lavash, Bruce William	2,092,199	Mett, Joachim	2,112,813	Nishida, Hirofumi	2,120,887
Lechervy, Pierre Marc Serge	2,102,191	MEUBUS, Charles	2,237,622	Nishii, Yasuho	2,010,982
Lee, Chin-Hui	2,147,772	MEUBUS, Charles	2,237,624	Nishikori, Yukiyoshi	2,120,887
Lee, James Fallon	2,025,011	Middleman, Lee M.	2,076,672	Nissan Chemical Industries, Ltd.	2,135,452
Lee, Ming Shing	2,171,061	Miller, John D.	2,048,086	Noda, Tetuji	2,030,916
Legome, Mark J.	2,181,673	MINNESOTA MINING AND MANUFACTURING COMPANY	2,007,470	Noise Cancellation Technologies Inc.	2,076,351
LENAHAN, Elizabeth L.	2,206,164	MINNESOTA MINING AND MANUFACTURING COMPANY	2,009,718	Nonaka, Hiromi	2,107,014
Leonard, Jacques	2,180,725	Minor, Raymond B.	2,163,659	Noritsu Koki Co., Ltd.	2,146,473
LESCO, Erik D.	2,219,180	Mishima, Motomichi	2,120,887	NORRIS, Roger Erle	2,202,816
Levy, Dror	2,188,209	Mishima, Yoshitaka	2,187,271	Norsk Hydro a.s.	2,077,537
Li, Margaret H.	2,166,257	Mishima, Yoshitaka	2,187,272	NORTEL NETWORKS CORPORATION	2,237,622
Limoges, Serge J.	2,166,257	MITEL CORPORATION	2,215,535	NORTEL NETWORKS CORPORATION	2,237,624
LIVE PICTURE, INC.	2,158,988	MITSUBISHI DENKI KABUSHIKI KAISHA	2,066,908	Novell, Inc.	2,178,753
L'OREAL	2,014,044	MITSUBISHI DENKI		NSI ENTERPRISES, INC.	2,202,816
L'OREAL	2,147,230	MITSUBISHI DENKI		NTT Mobile Communications Network Inc.	2,192,925
L'OREAL	2,147,553	KABUSHIKI KAISHA	2,127,442	Oberster, Arthur E.	1,341,028
Lu, Shih-Lai	2,009,718			Oda, Hideshi	2,147,883
LUCENT TECHNOLOGIES INC.	2,203,218			Ohrbom, Walter H.	2,107,664
LUCENT TECHNOLOGIES INC.	2,210,841			Oku, Hiroshi	2,146,473
Ludwig, Lester F.	2,173,204			Okuizumi, Kiyoshi	2,138,738
LUKAS, DANIEL G.	2,282,369			Olstad, Robert A.	2,049,754
Lulham, Cedric Michael	2,040,064			Osborn, Thomas Ward III	2,092,199
Lupski, James R.	2,048,450			Osborne, Harold Gene	2,188,773
				Otani, Kazuhisa	2,195,618

Index of Canadian Patents Issued June 13, 2000

Ou-Yang, David T.	2,074,426	Sallee, Verney L.	2,146,127	Stankus, John C.	2,082,342
Paff, Robert	2,057,961	Samain, Daniel	2,014,847	Stasik, Anthony	2,153,724
Pall Corporation	2,048,086	Sankar, Ananth	2,147,772	Stein, Mark Morris	1,341,023
PARSONS, Stephen Kenneth	2,201,947	Sano, Kazuo	2,171,586	Steiner, Karl	2,101,401
Patarin, Jacques	2,143,651	Santana, Jose A.	2,131,865	Stephens, Robert D.	2,131,865
Payen, Pierre	2,019,640	Sanyo Electric Co., Ltd.	2,006,250	STEPHENSON, Roger Dale	2,201,947
PEAK ENERGY SERVICES LTD.	2,099,554	SATO, Koichi	2,199,862	Stine, Alan Charles	2,123,660
Pellerano, Pierre	2,057,889	SATTAN, Susan Marie	2,201,991	Sugahara, Kazuko	2,092,199
Pennev, Penio	1,341,024	Sauveur, Frédéric	2,030,732	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,054,346
Perry, Robert C.	2,174,992	Sayama, Yasushi	2,187,271	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,182,896
Persson, Bengt Yngve	2,013,494	Sayama, Yasushi	2,187,272	Sunaba, Kenichiro	2,120,887
PETTY, Norman W.	2,210,841	Schaede, Johannes Georg	2,022,549	Suzuki, Fumio	2,107,014
PFEIFFER, Mark R.	2,215,292	Schalk, Thomas B.	2,118,135	Suzuki, Hiroshi	2,154,099
Phillips, Roger W.	2,188,156	Schatz, Carl	2,181,328	Suzuki, Keitaro	2,135,452
Pieber, Alois	2,107,325	Schaubel, Kurt M.	2,049,754	Suzuki, Ryo	2,127,442
PILKINGTON, Joanne	2,237,622	Scheibel, Robert C., Jr.	2,170,893	Sweeney, Stephen J.	2,120,112
PILKINGTON, Joanne	2,237,624	SCHERING CORPORATION	2,085,878	Swiezbin, Joseph R.	2,048,086
Piowski, John J.	2,085,878	SCHILLER-PFEIFFER, INCORPORATED	2,215,292	Tacelli, Christopher B.	2,131,865
Poupart, Marc-André	2,036,398	Schirlin, Daniel	1,341,025	Takano, Toshiya	2,103,988
Prat, Evelyne	2,173,384	SCHLUMBERGER CANADA LIMITED	2,239,609	Takemura, Kazuo	2,013,660
PRAXAIR ST TECHNOLOGY, INC.	2,036,904	SCHMIDT, Peter Michael	2,202,816	TANABE, Hiroshi	2,199,000
PRAXAIR TECHNOLOGY, INC.	2,198,514	Schmidt, William P.	2,064,628	Tangerlini, Vincent C.	2,195,017
PRAXAIR TECHNOLOGY, INC.	2,201,991	Schulze, Dale R.	2,052,697	Tanisawa, Yasuhisa	2,139,086
PRAXAIR TECHNOLOGY, INC.	2,202,427	Schwartz, John Anthony	1,341,023	Tanoue, Yoshihiro	2,147,883
Procter & Gamble Company (The)	2,161,083	Schwartz, Thomas W.	2,007,470	Tao, Michael C.	2,010,005
Pyka, Walter R.	2,076,672	Scriber, Richard Merrill	1,341,024	Tasber, Frank	2,181,984
Quivy, Jacques	2,000,979	Seckinger, Philippe Lucien	1,341,026	Taylor, Alan	2,036,904
Raggio, William A.	2,049,754	Seeburg, Peter Horst	1,341,022	Taylor, Anthony James	2,125,667
Rajagopalan, Parthasarathi	1,341,024	Selfslag, Raoul François Constant	2,067,248	Tedder, Thomas F.	2,118,309
Rantanen, Rauno	2,040,777	SENSORMATIC ELECTRONICS CORPORATION	2,057,961	TELEFONAKTIEBOLAGET LM ERICSSON	2,013,494
Rantanen, Rauno	2,040,845	Shannon, David F.	2,057,857	TELEFONAKTIEBOLAGET LM ERICSSON	2,078,222
RAYCHEM CORPORATION Recherche D.C.B.L. Inc./ D.C.B.L. Research Inc.	2,076,672	Shaw, Alan Reed	1,341,026	THE BOC GROUP, INC.	2,181,328
REGION WALLONNE (LA) Remedco Incorporated	2,094,107	Shaw, Andrew	1,341,023	THE FIRESTONE TIRE & RUBBER COMPANY	1,341,028
Remsky, Gregory W.	2,094,107	SHELL CANADA LIMITED	2,009,571	THE HOOVER COMPANY	2,219,180
Remsky, Mary M.	2,094,107	Sherman, Jon A.	2,052,697	THE PROCTER & GAMBLE COMPANY	2,092,199
Remsky, William S.	2,094,107	Sheu, Jim Jenqtsong	2,107,446	THE PROCTER & GAMBLE COMPANY	2,141,584
Rhone-Poulenc Chimie	2,116,812	Shigemori, Yoshihiro	2,171,586	THE PROCTER & GAMBLE COMPANY	2,145,995
Rhone-Poulenc Chimie	2,173,384	Shimada, Junichi	2,107,014	THE PROCTER & GAMBLE COMPANY	2,177,513
Rical S.A.	2,057,889	Shiozaki, Shizuo	2,107,014	THE PROCTER & GAMBLE COMPANY	2,187,518
Rich, Randall Wayne	2,189,720	Shiple, Kathleen L.	2,172,181	THE PROCTER & GAMBLE COMPANY	2,189,544
Rival, Marc	2,040,863	Shiroishi, Tetsuya	2,127,442	THE PROCTER & GAMBLE COMPANY	2,026,535
Roberts, Jeffrey G.	2,073,328	Sieber, Bobby G.	2,179,184	Timmerman, August T.	2,078,222
Rohrman, Jürgen	2,010,065	SIEGMUND, Helmut Dieter	2,271,579	Tjernlund, Per Johan Helgesson	2,014,062
Ronchi, Claudio	2,067,248	Sinco Engineering S.p.A.	2,083,281	Todd, Richard Simon	2,014,062
ROSENBALM, Allan Wesley	2,201,947	Smith, J.E.	2,162,936	Tokumitsu, Syuzo	2,120,887
Ross, Colin Fraser	2,076,351	Smith, Jon D.	2,012,285	Tombers, Michael D.	2,141,533
Roth, Gerhard	2,102,767	SMITH, Michael A.	2,210,841	Toney, Gloria G.	2,040,064
Rowley, Frank F., Jr.	2,127,376	Smolinske, Jeffrey C.	2,170,893	Tordjman, Charles	2,030,732
Rustici, Eric	2,057,857	Société Anonyme dite : Aérospatiale Société Nationale	2,028,157	TOTTORI SANYO ELECTRIC CO., LTD.	2,006,250
S.D. Cappelen Ulefos Jernvaerk	2,052,962	Société Française Hoechst	2,054,341	Trainor, Diane Amy	1,341,023
Sadlowski, Eugene Steven	2,161,083	Société Nationale d'Étude et de Construction de Moteurs d'Aviation	2,102,191	Tran, Phieu Moc	2,170,893
SAES GETTERS S.p.A.	2,128,416	Sohier, Bernard Philippe Cornil	2,102,191	Treace, James T.	2,073,328
Saito, Fumiyoshi	2,171,586	Soljanin, Emina	2,182,428	Tsuchida, Kunihiko	2,195,618
Saito, Masato	2,127,442	Sorrie, Graham Alexander	2,141,584	Tsunaga, Hisao	2,120,887
Saito, Tomio	2,171,586	SPENCER, Douglas A.	2,210,841	Tuch, Bruce T.	2,008,754
Sakatani, Hideaki	2,120,887	Sprunk, Eric	2,194,532		
Sakurai, Kouichi	2,127,442	SQUARE D COMPANY	2,158,965		
		Stainton, John Ernest	2,153,724		

**Index des brevets canadiens délivrés
13 juin 2000**

Ugon, Michel	2,143,651	Wyatt, David Andrew	2,125,667
UNI-CHARM CORPORATION	2,187,271	Yacisin, Paul A.	2,082,342
UNI-CHARM CORPORATION	2,187,272	Yamaguchi, Kazunari	2,132,142
United States of America, represented by the	2,095,624	Yamakawa, Akira	2,182,896
UNIVERSITE LAVAL	2,180,725	Yamane, Yoshio	2,127,442
Usui, Akio	2,004,292	Yamasaki, Motoo	2,149,038
Utsumi, Masao	2,101,825	YARBRO, Michael A.	2,201,404
Valenzuela, Pablo D. T.	1,341,021	Yoakim, Christiane	2,036,398
VALMET CORPORATION	2,040,777	YOSHIDA, Kouichi	2,199,000
VALMET CORPORATION	2,040,845	Yoshida, Tomiko	2,171,586
VAMCO INTERNATIONAL, INC.	2,282,369	Zeicher, Marc	2,000,979
Van Der Heijden, Pieter	2,009,571	ZENECA Inc.	1,341,023
van Driest, Hans	2,008,754	Zhong, Qiming	2,164,385
Venzke, Donald R.	2,158,965	Zhou, Liang-Ji	2,118,309
Vicik, Stephen James	2,120,836	Zimmer, Inc.	2,073,328
VICOR, INC.	2,173,204		
Vilmur, Richard Joseph	2,189,720		
Visee, Maarten	2,008,754		
VISKASE CORPORATION	2,120,836		
Voegtlin, René	2,162,203		
VOICE CONTROL SYSTEMS, INC.	2,118,135		
VOITH SULZER PAPIERMASCHINEN GMBH	2,208,328		
VOLK ENTERPRISES, INC.	2,074,426		
Volk Optical, Inc.	2,176,385		
Volk, Donald A.	2,176,385		
von Sacken, Ulrich	2,164,385		
Vondran, Gary L.	2,132,439		
VONTECH INTERNATIONAL CORPORATION	2,132,439		
W.L. Gore & Associates, Inc.	2,163,659		
Wagner, Justin E.	2,141,533		
Walter, Geoffrey A.	2,131,865		
WALTERS, James C.	2,201,947		
Wang Laboratories, Inc.	2,057,857		
WANG, TAI-LIN	2,157,842		
Washizawa, Teruyoshi	2,173,091		
Watanabe, Tsutomu	2,101,825		
Watanabe, Yoshitane	2,135,452		
WEAKLEY, Scott	2,256,607		
Weber, Thomas John	2,002,478		
West Agro, Inc.	2,206,164		
Westheim, Per T.	2,052,962		
WESTINGHOUSE AIR BRAKE COMPANY	2,173,518		
White, Alan Chapman	2,014,062		
Wierzbicki, Michel	2,030,732		
Wildonger, Richard Alan	1,341,023		
Wilhelm, Didier	2,054,341		
Williams, Todd, R.	2,009,718		
Williamson, Kenneth M.	2,048,086		
Winter, Andreas	2,010,065		
Wolanin, Donald John	1,341,023		
Wolf, Henry Alan	2,015,858		
Wong, Jesse	2,085,878		
Woolf, Lawrence D.	2,049,754		
Wride, Vernon M.	2,036,904		
WU, Kuang-Tsai	2,202,427		
Wuh, Hank C. K.	2,076,672		
WULF, Johannes	2,228,623		
Wurtman, Judith J.	2,002,182		
Wurtman, Richard J.	2,002,182		

**Index of Canadian Patents Issued
June 13, 2000**

Index of Canadian Laid-Open Applications

May 21, 2000 - May 27, 2000

Index des demandes canadiennes mises à la disponibilité du public

21 mai 2000 - 27 mai 2000

3COM CORPORATION	2,287,651	BALTIMORE AIRCOIL		BORK, MICHAEL	2,288,469
A & D BOIVIN DESIGN INC.	2,282,787	COMPANY,		BOUCHARD, JOHN M.	2,290,271
ABEBE, Eyob	2,254,031	INCORPORATED	2,290,503	BOURDON, Pascal Marcel	2,253,978
ABELE, BORS CAJUS	2,290,283	BARBER, Douglas Victor	2,254,300	BOYD, Graeme B.	2,260,606
AGNIHOTRI, Ashok K.	2,254,464	BARBERIO, Alessandro	2,254,492	BRANDT, DOUGLAS M.	2,290,241
AHMADVAD, NIMA	2,290,045	BARNES, Kenyon	2,254,428	BREDAHL, Timothy D.	2,257,752
AINSLEY, Lawrence	2,254,523	BARTH, ULRICH	2,289,238	BROWN & WILLIAMSON	
AIR PRODUCTS AND		BARTZ, THOMAS	2,289,904	TOBACCO	
CHEMICALS, INC.	2,289,909	BARTZ, THOMAS	2,290,330	CORPORATION	2,286,827
AKHTAR, SHAHID	2,282,883	BASF		BROWN & WILLIAMSON	
AKHTERUZZAMAN,		AKTIENGESELLSCHAFT	2,289,904	TOBACCO	
AKHTAR	2,284,419	BASF		CORPORATION	2,289,809
AKIKUNI, FUMIO	2,290,208	AKTIENGESELLSCHAFT	2,290,330	BROWN, STEPHEN JOHN	2,254,841
ALCATEL	2,287,816	BAUER, JOSEF	2,290,834	BRUCE, PAUL ALAN	2,288,463
ALCATEL	2,289,238	BAUMANN, FRANZ-ERICH	2,291,414	BRYANT, Edward J.	2,254,301
ALCATEL	2,290,116	BAUMGARTNER, URS	2,290,150	BURDICK, DAVID CARL	2,290,331
ALCATEL	2,290,142	BAUR, RUEDIGER	2,291,418	BURRIS, WESLEY J., II	2,290,050
ALCATEL	2,290,147	BAYER		BURZIO, MARCO	2,290,723
ALLARD, LOUIS B.	2,289,340	AKTIENGESELLSCHAFT	2,254,612	BUX, MARKUS	2,290,268
ALLISON, JAMES	2,290,897	BAYER		BYRD, NORMAN R.	2,284,391
ALSTOM HOLDINGS	2,290,799	AKTIENGESELLSCHAFT	2,287,737	CALAMATAS, PHILIP J.	2,282,071
ALSTOM HOLDINGS	2,290,801	BAYER		CANON KABUSHIKI KAISHA	2,290,719
ALSTOM HOLDINGS	2,290,802	AKTIENGESELLSCHAFT	2,287,738	CANPOLAR EAST INC.	2,254,535
AMERICAN AXLE &		BAYER CORPORATION	2,287,737	CANPOLAR EAST INC.	2,254,538
MANUFACTURING, INC.	2,290,262	BAYER CORPORATION	2,287,738	CANTON, DINO	2,288,571
AMITO, ATSUSHI	2,290,118	BAYER CORPORATION	2,287,812	CARTER, THOMAS P.	2,290,497
ANDO ELECTRIC CO., LTD.	2,290,063	BEAUDOIN, Adrien	2,256,284	CARTER, THOMAS P.	2,290,503
ANDO ELECTRIC CO., LTD.	2,290,208	BEAUJEAN, HANS-JOSEF	2,299,658	CHABOT, CLAUDE	2,290,312
ANDREWS, STEPHEN MARK	2,290,213	BEAUJEAN, HANS-JOSEF	2,299,831	CHEN, GEPING	2,290,297
ARMSTRONG WORLD		BEAVINGTON, RICHARD N.	2,290,155	CHEVRON CHEMICAL	
INDUSTRIES, INC.	2,286,973	BECKHAUS, Heiko	2,254,612	COMPANY LLC	2,288,385
ARNAUD, PASCAL	2,290,845	BELL HELICOPTER		CHISHOLM, P. Scott	2,254,512
ASAHI GLASS COMPANY		TEXTRON, INC.	2,254,464	CHIU, CHARLES KWOK-	
LTD.	2,290,235	BENMOHAMED, LOTFI	2,285,789	FUNG	2,290,252
ASAMI, KEISUKE	2,290,063	BENMOHAMED, LOTFI	2,285,804	CHRISTIE, PETER A.	2,286,973
ASAMI, KEISUKE	2,290,208	BENMOHAMED, LOTFI	2,289,959	CIANCI, Angelo	2,254,581
ATALLAH, TOUFIC G.	2,285,693	BENSTEAD, KEN	2,287,651	CIBA SPECIALTY	
ATP INTERNATIONAL LTD.	2,254,443	BERNAL INTERNATIONAL,		CHEMICALS HOLDING	
AUSIMONT S.P.A.	2,267,058	INC.	2,290,180	INC.	2,290,213
BABLER, WALTER	2,290,152	BERTO, JOSEPH J.	2,290,085	CICERO, Charles Lo	2,254,530
BAKER HUGHES		BETZDEARBORN INC.	2,252,060	CLARIANT GMBH	2,291,418
INCORPORATED	2,278,404	BEUTH, REINHARD	2,291,414	CLARKE, DALE MARVIN	2,290,277
BAKER HUGHES		BEVAN, DAVID DAMIAN		COLL, GENE	2,290,938
INCORPORATED	2,290,249	NICHOLAS	2,289,793	COLSON, VÉRONIQUE	2,290,147
BAKER HUGHES		BLASCH PRECISION		COMMUNICATIONS &	
INCORPORATED	2,290,897	CERAMICS, INC.	2,290,270	POWER INDUSTRIES	
BALAZS INC.	2,255,260	BLAUER MANUFACTURING		CANADA INC.	2,254,478
BALDWIN, Lorna H.	2,254,535	COMPANY, INC.	2,285,693	CONNER, EDWARD L.	2,276,833
BALDWIN, Lorna H.	2,254,538	BLAUER, STEPHEN J.	2,285,693	CONRAD, TILO	2,290,268
BALISTRERI, EMANUELE	2,290,723	BOAST, GERARD SEAN	2,290,059	CONROY, GARY M.	2,286,517
BALLARD POWER SYSTEMS		BOBRA, Yogendra Kumar	2,255,107	CONROY, GARY MARTIN	2,289,657
INC.	2,290,089	BOBRA, Yogendra Kumar	2,260,504	COOKSEY, EDWARD A.	2,290,200
BALTIMORE AIRCOIL		BOEHMER, MARTIN	2,291,418	CÔTÉ, M. T. Johanne	2,252,972
COMPANY,		BOIVIN, ALAIN	2,282,787	CRISINEL, PASCAL	2,289,819
INCORPORATED	2,290,497	BOIVIN, DENIS	2,282,787	CROOKER, RICHARD M.	2,276,814

**Index of Canadian Laid-Open Applications
May 21, 2000 - May 27, 2000**

CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A.	2,290,723	FUJI JUKOGYO KABUSHIKI KAISHA	2,290,118	HENDERSON, KAREN M.	2,287,738
CSOMO, Jean-François	2,254,556	FUJIBAYASHI, KEI	2,290,306	HENDRICK, MICHELLE RENÉE	2,289,239
CULLEY, David Heath	2,260,606	FUJIBAYASHI, KEI	2,290,764	HENGSTONE HOLDINGS INC.	2,254,301
DAGENS, BÉATRICE	2,290,142	FUJISAWA, AKIRA	2,290,276	HENKEL	
DAGHER, WILLIAM	2,287,065	FUJIX INC.	2,291,391	KOMMANDITGESELLSC HAFT AUF AKTIEN	2,299,658
DARVEAU, Denis	2,256,193	FULLER, MICHAEL G.	2,279,004	HENKEL	
DARVEAU, Denis	2,256,195	G.E. BAKER (U.K.) LIMITED	2,290,328	KOMMANDITGESELLSC HAFT AUF AKTIEN	2,299,831
DE ANGELIS, CLAUDIO	2,290,130	GAGE, GARRETT W.	2,290,262	HERRERA, RICHARD JAY	2,276,168
DE RESENDE, OTAVIO MARCIO PERRI	2,289,407	GAGNON, Donald G.	2,254,302	HITACHI, LTD.	2,289,781
DEGUSSA-HULS AKTIENGESELLSCHAFT	2,291,414	GAO, Xiaoliang	2,254,601	HOCKER, FRANK	2,290,299
DELGADO, SERGIO ANDRES	2,285,097	GAREAU, Doris	2,256,194	HOCKER POLYTECHNIK GMBH	2,290,299
DENIS, ALEXIS	2,290,136	GARNIER, DOMINIQUE	2,290,803	HOECHST MARION ROUSSEL	2,290,136
DeSANTIS, Nino	2,253,777	GARRETT, CAREY M.	2,289,340	HOLDERBAUM, THOMAS	2,299,658
DIDIO-SAYER, Debbie	2,254,765	GARRISH, BRYAN F.	2,290,497	HOLDERBAUM, THOMAS	2,299,831
DILLON, DOUGLAS R.	2,276,814	GARRISH, BRYAN F.	2,290,503	HOLLANDSE SIGNAALAPPARATEN B.V.	2,290,310
DINH, CONG THANH	2,290,938	GATES, FRANK VERNON	2,285,097	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,290,151
DOANE, JAMES C.	2,278,404	GATES, FRANK VERNON	2,286,492	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,290,729
DOBLAR, DREW G.	2,290,239	GE, LIMING	2,290,237	HOPE, Ralph Graham	2,252,966
DOLLAR, CHARLES RANDALL II	2,290,087	GEISSER, STEFAN	2,290,194	HOPE, Ralph Graham	2,252,967
DOLLAR, CHARLES RANDALL II	2,290,223	GENERAL ELECTRIC COMPANY	2,289,893	HORNIS, HELMUT GEORG	2,289,239
DOW CORNING TORAY SILICONE COMPANY, LTD.	2,290,233	GENERAL INSTRUMENT CORPORATION	2,286,640	HOSHINO, HIROYUKI	2,290,238
DRAVIDA, SUBRAHMANYAM	2,285,789	GHIA, Atul V.	2,255,107	HOUSER, KEITH R.	2,288,385
DRAVIDA, SUBRAHMANYAM	2,285,804	GHIA, Atul V.	2,260,504	HUNT, ANDREW TYE	2,289,239
DRAVIDA, SUBRAHMANYAM	2,289,959	GIANCASPRO, GIOVANNA	2,290,186	HUNTER, David MacKenzie	2,254,478
DUGAST, XAVIER	2,290,116	GIBB, PETER R.	2,290,089	HUNTER, Matthew M.	2,252,060
DUVALL, TOD C.	2,286,517	GO, TING SIN	2,290,249	HUSEIN, King	2,261,441
EATON CORPORATION	2,290,241	GOETSCH, Herbert W.	2,257,752	HWANG, TZYY JIUAM	2,289,239
EBY, PAULA M.	2,285,098	GOLDEN EAGLE BUILDING PRODUCTS, INC.	2,261,441	HYDRO-MÉCANIQUE CONSTRUCTION INC.	2,254,577
ECS EICH MASCHINENBAU GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG	2,290,124	GOLDWASSER, Isy	2,254,460	HYLAND, NATALIE N.	2,289,423
EICH, MATTHIAS	2,290,124	GRAF + CIE AG	2,290,194	IIZUKA, SHINJI	2,289,403
EIFRIG, ROBERT O.	2,286,640	GRAF, RALPH A.	2,290,194	IKEDA, NOZOMU	2,290,309
ELF ATOCHEM NORTH AMERICA, INC.	2,276,814	GRENNER, Dieter	2,254,612	ILAG, LEODEVICO L.	2,290,237
ENDRESS + HAUSER GMBH + CO.	2,290,266	GRIFFITH, DAVID ANDREW	2,290,252	ILLINOIS TOOL WORKS INC.	2,287,128
ENDRESZL, JOSEPH M.	2,290,262	GRIPPE, FRANK M.	2,288,516	ILLINOIS TOOL WORKS INC.	2,287,297
F. HOFFMANN-LA ROCHE AG	2,290,331	GUINDON, Benoît	2,254,451	ILLINOIS TOOL WORKS INC.	2,287,633
FERRARA, JOSEPH J.	2,285,916	GUINDON, Benoît	2,254,728	INABA, Minoru	2,254,422
FERRARI, SARAH L.	2,290,497	HAERER, JUERGEN	2,299,658	INCO LIMITED	2,290,277
FERRARI, SARAH L.	2,290,503	HAERER, JUERGEN	2,299,831	INDUSTRIAL THERMO POLYMERS LIMITED	2,254,519
FILLIPO, Bruce K.	2,252,060	HAKUTA, SHINSAKU	2,289,781	INGLIS, Alex R.	2,253,771
FISCHER, JOCHEN RAINER	2,289,909	HALLIBURTON ENERGY SERVICES, INC.	2,290,050	INOUE, RANKO	2,291,391
FISH, JEFFREY ELDON	2,289,886	HALPENNY, Elmore J.	2,253,992	INOUE, TAKESHI	2,291,391
FLANAGAN, JOHN SCOTT	2,289,239	HALPENNY, Elmore J.	2,253,993	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,289,403
FLATT, THOMAS R.	2,287,812	HANEY, Harold E.	2,254,443	INVENTIO AG	2,290,130
FOLEY, PATRICIA L.	2,290,197	HARDING, MARK A.	2,290,328	INVENTIO AG	2,290,150
FONTAINE SPECIALIZED, INC.	2,289,337	HARLEY, JAMES ST. LEGER	2,288,463	INVENTIO AG	2,290,152
FOSER, HANS-PETER	2,290,292	HARRISON, RICHARD H.	2,290,497	IRIE, MASAKAZU	2,290,233
FRIESEN, RAYMOND J.	2,290,710	HARRISON, RICHARD H.	2,290,503	ISHIHARA, ATSUSHI	2,289,781
		HARSHAVARDHANA, PARAMASIVIAH	2,285,789	ITO, HIRONORI	2,290,859
		HARSHAVARDHANA, PARAMASIVIAH	2,285,804	IVOCLAR AG	2,290,292
		HARSHAVARDHANA, PARAMASIVIAH	2,289,959	JACOBS, MARK ELLIOTT	2,285,866
		HATTORI, KENICHI	2,289,781	JANZ, CHRISTOPHER	2,290,142
		HATZINIKOLAS, MICHAEL	2,254,510	JAY, DANIEL G.	2,290,237
		HATZINIKOLAS, MICHAEL	2,284,069	JDS FITEL INC.	2,288,290
		HAYDEN, WILLIAM	2,275,916		
		HAYNES, ANDREW	2,290,897		
		HE, JIN	2,285,866		
		HEAD, Malcolm, J.	2,257,709		
		HENDERSON, KAREN M.	2,287,737		

Index des demandes canadiennes mises à la disponibilité du public

21 mai 2000 - 27 mai 2000

JDS FITEL INC.	2,289,340	LAZZARI, DARIO	2,290,213	MAGAZINE, MICHAEL F.	2,290,241
JEREMIC, DUSAN	2,254,512	LEE, Chiu-Shan	2,252,925	MANDEL, BARRY P.	2,285,916
JEREMIC, DUSAN	2,254,841	LEE, JOHNATHAUN D.	2,290,221	MAR, Cydney	2,254,496
JOHNSON, ELTON C.	2,290,087	LEE, ROBERTA	2,289,423	MARCICHOW, MARTIN E.	2,290,079
JOHNSON, ELTON C.	2,290,223	LEE, SZE-MING	2,287,737	MARMONIER, JEAN	2,290,799
JOY, Michael L. G.	2,254,478	LEE, SZE-MING	2,287,738	MARTIN, Geneviève	2,256,284
JULIEN, Rémi	2,254,691	LEE, YUN-HEE	2,291,553	MARUYAMA, TOSHIHARU	2,290,275
JULIEN, RÉMI	2,290,312	LEICO GMBH & CO.		MASSIE, Bernard	2,252,972
JUNG, THOMAS	2,286,827	WERKZEUGMASCHINEN		MATSUSHITA ELECTRIC	
JUNG, THOMAS	2,289,809	BAU	2,290,294	INDUSTRIAL CO., LTD.	2,290,844
KABUSHIKI KAISHA KOBE		LES ÉQUIPEMENTS		MAYBEE, Gary	2,254,469
SEIKO SHO (KOBE		FORESTIERS CARDINAL		MAZIER, Victor Joseph	2,254,300
STEEL, LTD.)	2,290,131	INC.	2,254,523	MCGOVERN, BRYAN M.	2,290,329
KABUSHIKI KAISHA KOBE		LESTRA, ALEXIS	2,290,147	McKAY, Ian	2,254,512
SEIKO SHO (KOBE		LEUNG, WAI ON	2,290,201	McLAUCHLAN, John	2,252,966
STEEL, LTD.)	2,290,275	LEVY, Daniel	2,254,581	McLAUCHLAN, John	2,252,967
KAMEN, Amine A.	2,252,972	LG ELECTRONICS INC.	2,290,298	MCLELLAN, LEIGH	2,290,297
KANZAKI, EISUKE	2,289,403	LI, LI	2,290,860	McMEEKING, John	2,254,601
KATOH, NORIYOSHI	2,290,151	LI, S.S. Chen	2,252,925	MCMULLIN, Ruthanna	2,254,402
KAUFMANN, GLENN A.	2,290,329	LIAO, Shun-An	2,254,491	McQUATE, WILLIAM M.	2,286,973
KEARNS, David	2,253,772	LIEBHERR, MARKUS	2,290,834	MDS NORDION INC.	2,282,801
KEENER, STEVEN G.	2,284,391	LIMOGES, Michel	2,254,577	MEDICAL RESEARCH	
KELLY, DAVID	2,298,428	LIN, WEN-YI	2,289,239	COUNCIL (UNITED	
KESSLER, Stephen M.	2,252,060	LINCOLN GLOBAL, INC.	2,282,880	KINGDOM)	2,252,966
KIERAS, Ronald E.	2,260,461	LINEAR DRIVES LIMITED	2,290,059	MEDICAL RESEARCH	
KIERAS, RONALD E.	2,290,313	L'INSTITUT FRANCAIS DU		COUNCIL (UNITED	
KIM, TAE YOUNG	2,290,298	PETROLE	2,290,803	KINGDOM)	2,252,967
KIMBERLY-CLARK		LOCKE, Reginald A. J.	2,254,428	MEINERS, STEVEN E.	2,290,241
WORLDWIDE, INC.	2,289,886	LOCKSHINCKY, MEIR	2,290,244	MENON, Suresh Manohar	2,255,107
KIMURA, YUJI	2,290,309	LONG, Pin	2,254,016	MENON, Suresh Manohar	2,260,504
KINNEY, CAROL L.	2,287,737	L'ORÉAL	2,288,243	MERMET-GUYENNET,	
KINNEY, CAROL L.	2,287,738	L'ORÉAL	2,290,132	MICHEL	2,290,801
KLIMAN, GERALD BURT	2,289,893	L'ORÉAL	2,290,845	MERMET-GUYENNET,	
KNOBLAUCH, GEORG	2,290,330	LUCENT TECHNOLOGIES		MICHEL	2,290,802
KOCH, Linda	2,254,841	INC.	2,284,419	METZNER, WOLFGANG	2,289,809
KOENIG, EBERHARD	2,287,737	LUCENT TECHNOLOGIES		MICRO COATING	
KOENIG, EBERHARD	2,287,738	INC.	2,285,097	TECHNOLOGIES	2,289,239
KOHASHI, TAKASHI	2,290,309	LUCENT TECHNOLOGIES		MILBURN, Douglas I.	2,254,457
KOINI, THOMAS	2,290,283	INC.	2,285,098	MILLER, Chris	2,254,645
KORNER, UWE-PETER	2,289,809	LUCENT TECHNOLOGIES		MINNESOTA MINING AND	
KOSHIDO, YOSHIHIRO	2,290,306	INC.	2,285,789	MANUFACTURING	
KOSHIDO, YOSHIHIRO	2,290,764	LUCENT TECHNOLOGIES		COMPANY	2,257,752
KOSTERMEIER, KARL-HEINZ	2,290,294	INC.	2,285,802	MIRELOS, HECTOR H., JR.	2,278,404
KRAFT FOODS, INC.	2,290,326	LUCENT TECHNOLOGIES		MISTRY, Kanti L.	2,254,671
KREMER, THOMAS	2,286,827	INC.	2,285,804	MITEL CORPORATION	2,290,045
KRUPP UHDE GMBH	2,288,469	LUCENT TECHNOLOGIES		MITTAL, AJAY KUMAR	2,285,789
KUBBER, JOSEF	2,291,414	INC.	2,285,866	MITTAL, AJAY KUMAR	2,285,804
KUHN, EDGAR	2,289,238	LUCENT TECHNOLOGIES		MITTAL, AJAY KUMAR	2,289,959
KUSUDA, RIKA	2,289,403	INC.	2,286,417	MITTS, RICHARD K.	2,287,128
LACHAPELLE, Alain, Jr.	2,254,293	LUCENT TECHNOLOGIES		MIYAGAWA, KAZUYA	2,290,131
LACOUTIERE, STÉPHANE	2,290,132	INC.	2,286,492	MIYAGI, TOMOYOSHI	2,290,151
LAFLAMME, ROBERT	2,288,290	LUCENT TECHNOLOGIES		MODINE MANUFACTURING	
L'AIR LIQUIDE, SOCIETE		INC.	2,287,001	COMPANY	2,288,516
ANONYME POUR		LUCENT TECHNOLOGIES		MOGIL, Melvin Sheldon	2,254,687
L'ETUDE ET		INC.	2,287,004	MOINE, GÉRARD	2,290,331
L'EXPLOITATION DES	2,289,819	LUCENT TECHNOLOGIES		MONDO S.P.A.	2,290,246
LAM, Anthony	2,254,589	INC.	2,287,022	MOONEY, R. Shawn	2,254,384
LARSEN, DAVID A.	2,290,270	LUCENT TECHNOLOGIES		MORAN, THOMAS T.	2,290,938
LARSSON, PATRIK	2,287,001	INC.	2,289,959	MORDECAI, MARK A.	2,285,693
LASSERRE, PIERRE-ANDRÉ	2,288,243	LUTHRA, AJAY	2,286,640	MORELLO, Gérard	2,254,520
LATHICO INDUSTRIES LTD.	2,284,069	LUTKE, WOLFRAM	2,290,266	MORI, HIDEAKI	2,289,781
LAU, JARK CHONG	2,289,886	MACCONE, Patrizia	2,267,058	MORIN, Marius	2,256,193
LAU, WING CHEONG	2,285,789	MACDONALD, ROBERT I.	2,289,340	MORIN, Marius	2,256,195
LAU, WING CHEONG	2,285,804	MACHOLDT, HANS-TOBIAS	2,291,418	MORLEC, JEAN	2,290,803
LAU, WING CHEONG	2,289,959	MacKINNON, JOHN	2,278,889	MORTON INTERNATIONAL,	
LAUDENSLAGER, Andrew R.	2,255,260	MACLEAN, Norman	2,252,059	INC.	2,286,517

Index of Canadian Laid-Open Applications
May 21, 2000 - May 27, 2000

MOTT, ROBERT C.	2,287,812	PARE, CHRISTIAN	2,290,866	SAFARILAND LTD., INC.	2,254,626
MUELLER-KIRSCHBAUM, THOMAS	2,299,658	PARENT, DAVID SEAN	2,290,277	SAKAGUCHI, KOICHI	2,290,276
MUELLER-KIRSCHBAUM, THOMAS	2,299,831	PARISEL, ARNAUD	2,290,116	SAMSUNG ELECTRONICS CO., LTD.	2,291,553
MUJTABA, SYED AON	2,286,417	PECSVARADI, Peter B.	2,255,260	SAND, PAUL RAYMOND	2,284,419
MUJTABA, SYED AON	2,287,004	PEMBROKE ENVIRONMENTAL SERVICES LTD.	2,272,490	SARUTA, TOSHIHISA	2,290,296
MUJTABA, SYED AON	2,287,022	PEMBROKE, Kevin	2,272,490	SATO, JUNJI	2,289,781
MUNNIG, Jürgen	2,254,612	PFAFF, ALAN R., JR.	2,290,180	SATTAR, ABDUL	2,287,812
MUNSON, Daniel C.	2,257,752	PFIZER PRODUCTS INC.	2,290,252	SAYAMA, TAKEHIKO	2,290,729
MURATA MANUFACTURING CO., LTD.	2,290,306	PHAN, CAO THANH	2,287,816	SCHAEFFER, CHRISTIAN	2,290,802
MURATA MANUFACTURING CO., LTD.	2,290,764	PIANCIOLA, AURELIO	2,290,311	SCHAFRANEK, ALEX	2,285,802
NAGAISHI, TATSUOKI	2,290,228	PIRELLI CAVIE E SISTEMI S.P.A.	2,290,311	SCHLOBOHM, MICHAEL	2,291,414
NAHERI, TARIK	2,289,909	PIRELLI CAVIE E SISTEMI S.P.A.	2,290,763	SCHNAITMANN, DIETER	2,291,418
NAKAMURA, MASASHI	2,290,309	PLASTIC TUBES NORTH AMERICA, INC.	2,260,461	SCHNEIDER, DONALD E.	2,286,973
NAKAMURA, OSAMU	2,290,309	PMC-SIERRA LTD.	2,260,606	SCHONEMANN, JOACHIM	2,290,291
NAKATSUKA, KAZUSHIGE	2,290,151	POMRINK, Gregory J.	2,252,060	SCOTTI, SIMONA	2,290,311
NATIONAL RESEARCH COUNCIL OF CANADA	2,252,972	PRADIER, FRANÇOIS	2,290,845	SEIKO EPSON CORPORATION	2,290,296
NATIONAL RESEARCH COUNCIL OF CANADA	2,290,860	PRASAD, NIKHIL	2,281,413	SEKI, RYUJI	2,290,235
NEC CORPORATION	2,290,859	PRESSNER, DIETMAR	2,299,658	SEMBA, AKITOMI	2,289,781
NEUHAUS, JOACHIM	2,290,266	PRESSNER, DIETMAR	2,299,831	SERIZAWA, MASAHIRO	2,290,859
NEUMAN, GEORGE ANDREW	2,289,239	PROST, LUCIE	2,289,819	SHANNON, CHARLES E.	2,287,812
NG, JOCELYN	2,290,237	PULMONOX MEDICAL CORPORATION	2,254,645	SHERIDON, NICHOLAS K.	2,289,382
NICHOLAS, JAMES J.	2,290,273	RAEDERSTORFF, DANIEL	2,290,331	SHERMAN, Bernard Charles	2,253,770
NIPPON SHEET GLASS CO., LTD.	2,290,276	RAHMAN, Mohammed Azizur	2,252,059	SHIBATA, TADASHI	2,290,844
NITSCH, CHRISTIAN	2,299,658	RAMIN, ROLAND	2,290,132	SHIMIZU, MASAKATA	2,290,131
NITSCH, CHRISTIAN	2,299,831	RAWLINS, Mark Wayne	2,254,665	SHIROUCHI, SHOJI	2,290,131
NOMURA, HIROKI	2,290,151	RAYNOR CANADA INC.	2,290,710	SHOEN, EDWARD J.	2,275,916
NONOMURA, FUJIO	2,290,151	REDDY, SURESH BADDAM	2,289,893	SIEBERT, MIKE	2,290,045
NORMAN, RICHARD M.	2,289,337	REESOR, GORDON	2,290,045	SIEMENS ENERGY & AUTOMATION, INC.	2,290,087
NORRIS, GENE K.	2,286,517	REILLY, JAMES	2,290,045	SIEMENS ENERGY & AUTOMATION, INC.	2,290,223
NORRIS, GENE KELLY	2,289,657	REIMELT, RALF	2,290,266	SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC.	2,290,221
NORTEL NETWORKS CORPORATION	2,282,883	REIMER, Ernest M.	2,254,535	SILVERSTONE, LEON M.	2,290,058
NORTEL NETWORKS CORPORATION	2,288,463	REIMER, Ernest M.	2,254,538	SIMARD, François	2,254,499
NORTEL NETWORKS CORPORATION	2,289,793	REITS, BERNARD JOZEF	2,290,310	SIMMONS, MICHAEL RALPH	2,285,098
NORTEL NETWORKS CORPORATION	2,290,297	RENÉ, Yves	2,256,193	SIRCAR, SHIVAJI	2,289,909
NOTARGIACOMO, MASSIMO	2,290,763	RENÉ, Yves	2,256,195	SLIM LINE DESIGN LTD.	2,254,665
NOVA CHEMICALS LTD.	2,254,512	REXFORD, DONALD G.	2,290,270	SLOAN VALVE COMPANY	2,290,079
NOVA CHEMICALS LTD.	2,254,601	RHOADES, John J.	2,260,461	SLOMSKI, EDWARD J.	2,287,633
NOVA CHEMICALS LTD.	2,254,841	RHOADES, JOHN J.	2,290,313	SMILEY, JOHN O.	2,288,290
OBERTHIER, John M.	2,257,752	RICCI, DONATO L.	2,280,566	SNAP-ON TOOLS COMPANY	2,290,329
OELSNER, STEVE	2,282,801	RICHARDSON, Christopher	2,254,701	SOBOT, Robert	2,260,606
OGAWA, TSUNESHI	2,290,275	RICHARDSON, Christopher	2,255,265	SOCIETE DES PRODUITS NESTLE S.A.	2,281,413
OGINO, AKIRA	2,290,309	RICHARDS-WILCOX CANADA INC.	2,255,088	SONOBE, TADASHI	2,289,781
OHIO MACHINERY CO.	2,276,833	ROCHBERGER, HAIM	2,287,651	SONY CORPORATION	2,290,309
OKAWA, TADAYUKI	2,290,306	ROCHE, PETER	2,289,904	SOPHA MEDICAL VISION INTERNATIONAL	2,290,865
OKAWA, TADAYUKI	2,290,764	ROCHE, PETER	2,290,330	SOPHA MEDICAL VISION INTERNATIONAL	2,290,866
OLIVER, STEVEN R.	2,290,079	ROGERS, William H.	2,254,626	SPENCE, Rupert Edward von Haken	2,254,841
OLSEN, ROBERT	2,287,297	ROHM AND HAAS COMPANY	2,289,657	SPERBER, CHRISTOPH	2,289,238
OR, ALEXANDER	2,287,651	ROOD, KENNETH W.	2,287,114	SRIBAR, ROK	2,289,893
OSTROVSKY, LEONID	2,290,710	ROOF, GLENN L.	2,290,249	STAVA, ELLIOTT K.	2,282,880
OWENS-BROCKWAY GLASS CONTAINER INC.	2,290,273	ROSSSET, Rene	2,266,562	STEDFAST INC.	2,254,499
OZAWA, KAZUNORI	2,290,859	ROSSI, MIRKO	2,290,213	STEPHAN, DOUGLAS W.	2,254,601
PALLAI, LASZLO ANTAL	2,279,466	ROTONDI, Anthony J.	2,256,643	STEWART MINING PRODUCTS INC.	2,254,302
PANG, ZHENGDA	2,290,860	ROY, Roch	2,252,054	ST-GEORGES, Maryse	2,256,284
PAQUET, Benoît	2,256,196	RUBICOR MEDICAL INC.	2,289,423	STREGE, KEITH ELDEN	2,285,098
		RUBIN, HARVEY	2,285,098	STREGE, KEITH ELDEN	2,285,802
		RUBINO, WILLIAM F.	2,290,297		
		RUBINOVITZ, DANIELLA RUTH	2,285,097		
		SADLER, Stanley G.	2,254,464		

**Index des demandes canadiennes mises à la disponibilité du public
21 mai 2000 - 27 mai 2000**

STROPPIANA, FERNANDO	2,290,246	WEBER, PETER	2,290,331
SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,290,228	WEBSTER, EARLE R., JR.	2,290,270
SUN MICROSYSTEMS, INC.	2,290,239	WERNER, JEAN-JACQUES	2,287,001
SUNATORI, Go Simon	2,253,773	WESKO SYSTEMS LIMITED	2,290,857
SUNATORI, Go Simon	2,253,774	WESTINGHOUSE AIR BRAKE COMPANY	2,282,071
SUPPLIÉ & CO. IMPORT/EXPORT INC.	2,279,466	WESTWINKLE, FLORIAN	2,290,857
SWIST, Jason	2,253,982	WICKS, DOUGLAS A.	2,287,737
SYMYX TECHNOLOGIES	2,254,460	WICKS, DOUGLAS A.	2,287,738
T.S.R. SA	2,254,520	WILCOX, STEPHEN P.	2,290,326
TAKAHASHI, NOBUHARU	2,290,729	WILKINSON, DAVID P.	2,290,089
TAKAHASHI, RYOICHIRO	2,290,306	WILLEY, JEFFREY	2,281,413
TAKAHASHI, RYOICHIRO	2,290,764	WINSTON, Patricia	2,254,519
TAKENAKA, YOSHIMICHI	2,290,131	WU, JINHUANG	2,276,814
TAUPADEL, KURT	2,290,269	WU, Xin Di	2,254,460
TEASDALE, ARTHUR C.	2,290,326	XERION PHARMACEUTICALS GMBH	2,290,237
TECUMSEH PRODUCTS COMPANY	2,290,200	XEROX CORPORATION	2,285,916
THATCHER TUBES LLC	2,290,313	XEROX CORPORATION	2,289,382
THE BOEING COMPANY	2,284,391	XU, Wei	2,254,601
THE SYNAPTIC CORPORATION	2,290,058	YAGI, YASUOMI	2,289,781
THERIAULT, HENRI-PAUL	2,298,881	YAMAGIWA, SEIICHI	2,291,391
THOM, ROBERT	2,290,277	YAMAMOTO, MIKA	2,290,719
THOMAS & BETTS INTERNATIONAL, INC.	2,290,938	YAMAUCHI, KATSUTOSHI	2,290,151
THOREN, WERNER	2,290,266	YANG, JIAN	2,287,001
TORRES-LOBO, Julio	2,254,443	YASUDA, MAKOTO	2,290,844
TOYOTA, YUJI	2,290,306	YONEDA, HIROSHI	2,290,118
TOYOTA, YUJI	2,290,764	ZAGNONI, GRAZIANO	2,290,213
TRAN, NHUT QUAN	2,287,816	ZALIZNYAK, Arch	2,255,107
TREILLET, JEAN	2,290,865	ZALIZNYAK, Arch	2,260,504
TREILLET, JEAN	2,290,866	ZAZULA, Bradley	2,254,384
TRUTH HARDWARE CORPORATION	2,256,643	ZEDDA, ALESSANDRO	2,290,213
TRW INC.	2,290,192	ZOMPATORI, Alberto	2,267,058
TRW INC.	2,290,202		
TSUJI, EIJI	2,289,781		
TUNNELL, TIMOTHY A.	2,276,168		
U-HAUL INTERNATIONAL, INC.	2,275,916		
U-HAUL INTERNATIONAL, INC.	2,276,168		
UJIHASHI, KOUJI	2,290,151		
ULTRAFRAME (UK) LIMITED	2,254,701		
ULTRAFRAME (UK) LIMITED	2,255,265		
UNIVERSITY OF SOUTHAMPTON	2,252,059		
unknown	2,255,088		
URBACH, BRIAN A.	2,290,192		
URBACH, BRIAN A.	2,290,202		
URBAN, MANFRED	2,291,418		
USHIO, YOSHITO	2,290,233		
VAN DONGEN-VOGELS, Vincent	2,253,996		
VETTER, JAMES W.	2,289,423		
WACKER-CHEMIE GMBH	2,290,283		
WALZEN IRLE GMBH	2,290,291		
WAN, PING	2,288,463		
WANG, LIMIN	2,286,640		
WANG, Qinyan	2,254,512		
WANG, Qinyan	2,254,601		
WANG, Youqi	2,254,460		
WATANABE, HIROHISA	2,290,275		
WATANABE, TAKASHI	2,289,781		

**Index of Canadian Laid-Open Applications
May 21, 2000 - May 27, 2000**

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

ABBOTT LABORATORIES	2,303,398	FLOW INTERNATIONAL		LKH KUNSTSTOFFWERK	
ABBOTT LABORATORIES	2,303,404	CORPORATION	2,303,793	GMBH & CO. KG	2,304,022
AKIMOTO, MASAHIRO	2,303,786	FRIEDMAN, PAULA N.	2,303,404	LKH KUNSTSTOFFWERK	
AKZO NOBEL N.V.	2,303,397	GALLO, ROBERT C.	2,303,397	GMBH & CO. KG	2,304,067
ALT, HELMUT	2,303,999	GALLOPYN, GUIDO	2,303,312	LOBELL, ROBERT B.	2,301,857
AMERITECH CORPORATION	2,303,362	GAREY, CAROLINE		LUSCHER, JORG	2,303,898
ARMSTRONG, RANDOLPH K.	2,304,187	ELIZABETH	2,302,810	MAMETSUKA, KOKI	2,303,403
ASHKENAZI, AVI J.	2,301,847	GENENTECH, INC.	2,303,397	MARKHAM, PHILLIP D.	2,303,397
AVENTIS RESEARCH &		GENESENSE TECHNOLOGIES,	2,301,847	MATTHIESEN, FRED	2,303,895
TECHNOLOGIES GMBH &		INC.	2,301,874	MCCASKILL, DAVID G.	2,302,873
CO. KG	2,303,784	GOODMAN FIELDER LIMITED	2,303,407	MERCK & CO., INC.	2,301,857
BADER, ULRIKE	2,304,022	GORDON, JULIAN	2,303,404	METABOLIC	
BADER, ULRIKE	2,304,067	GRAE, JOEL B.	2,303,399	PHARMACEUTICALS LTD	2,303,395
BASSETT, MARK R.	2,304,176	GRANADOS, EDWARD N.	2,303,404	MICULKA, CHRISTIAN	2,303,784
BATSON, DONALD LEE JR.	2,303,508	GROUPE LIMAGRAIN PACIFIC		MIDDLECAMP, MARKUS	2,304,188
BAUMANN, FRANK	2,303,999	PTY. LIMITED	2,303,407	MOON, HI-CHAN	2,303,232
BAXTER INTERNATIONAL INC.	2,304,146	GUNDLING, GERARD J.	2,303,398	MORELL, MATTHEW	2,303,407
BELLSOUTH INTELLECTUAL		GURNEY, AUSTIN	2,301,847	MORRIS, WESLEY M.	2,304,146
PROPERTY CORPORATION	2,303,508	HALL, SCOTT M.	2,303,927	MORTIMER, LARRY	2,304,192
BENEDICT, JOHN M.	2,304,192	HAM, SEOK-JIN	2,303,350	MOTOROLA, INC.	2,303,354
BILLING-MEDEL, PATRICIA A.	2,303,404	HANGG, ALOIS	2,303,898	MOTOROLA, INC.	2,303,927
BOSSEMEYER, ROBERT		HEIN, HERBERT	2,303,898	NANDABALAN, KRISHNAN	2,303,405
WESLEY JR.	2,303,362	HIROOKA, TAKASHI	2,303,403	NASS, PETER	2,304,022
BRANDSTETTER, TILMANN	2,303,784	HODGES, STEVEN C.	2,303,404	NASS, PETER	2,304,067
BROWN, DANIEL P.	2,303,354	HODGES, THOMAS K.	2,303,402	NG, FRANK MAN-WOON	2,303,395
BRUCKERT, EUGENE J.	2,303,354	HOLMES, BRADFORD R.	2,304,192	NGUYEN, THIEN	2,303,360
BUCAR, WOLFGANG	2,304,101	HORIKOSHI, MAMORU	2,303,403	NIHON NOHYAKU CO., LTD.	2,303,403
BURDINSKI, GERHARD	2,303,784	HUANG, PEARL S.	2,301,857	NIKKEN CHEMICALS CO., LTD.	2,304,110
BURKHARDT, ANNE L.	2,301,857	HUQ, ENAMUL	2,303,402	OBER, TIMOTHY	2,303,297
BUSER-DOEPNER, CAROLYN A.	2,301,857	IB2, L.L.C.	2,303,399	OKUMURA, MUTSUO	2,304,110
BUSSIÈRE, ÉRIC	2,303,093	IBBA, MICHAEL	2,303,409	OZAWA, YUMI	2,303,786
COHEN, MAURICE	2,303,404	INFORMATION RESOURCE		PACALA, THOMAS J.	2,304,188
COLPITTS, TRACEY L.	2,303,404	ENGINEERING, INC.	2,303,297	PAL, RANAJIT	2,303,397
COMMONWEALTH SCIENTIFIC		INTERMEDICS INC.	2,303,829	PATENAUDE, PIERRE	2,303,093
AND INDUSTRIAL		INTERMEDICS INC.	2,304,187	PERNA, WILLIAM P.	2,304,188
RESEARCH		JIANG, WOEI-JIA	2,303,395	PIERSON, RICHARD E.	2,305,219
ORGANISATION	2,303,407	KAMAKURA, MINORU	2,304,110	PURDUE RESEARCH	
COOK, DOUGLAS J.	2,304,187	KAMPERSCHROER, ERICH	2,303,785	FOUNDATION	2,303,402
CORREIA, JAMES	2,304,188	KAPLAN, MICHAEL M.	2,303,297	RAGHAVAN, CHIDAMBARAM	2,303,793
COUCHMAN, W. SCOTT	2,304,146	KAVSAN, BRONISLAV	2,303,297	RAHMAN, SADEQUR	2,303,407
CROTEAU, RODNEY B.	2,302,873	KEEN, BRIAN T.	2,304,176	RAKIC, PASKO	2,302,874
CURAGEN CORPORATION	2,303,405	KLASS, MICHAEL R.	2,303,404	RAU, PETER	2,303,895
DAVIS, ROGER J.	2,302,874	KOBLAN, KENNETH S.	2,301,857	REED, PETER	2,303,297
DENO, D. CURTIS	2,304,187	KOHL, NANCY E.	2,301,857	ROUTH, ANDRE G.	2,303,829
DEVICO, ANTHONY L.	2,303,397	KOPP, JORG	2,303,895	RUSSELL, JOHN C.	2,303,404
DOPPEL CO., LTD.	2,303,904	KOPPL, ALEXANDER	2,303,999	SAKAI, MIEKO	2,303,905
DOPPEL CO., LTD.	2,303,905	KRATOCHVIL, JON D.	2,303,404	SAKAI, TSUYOSHI	2,303,904
DOUD, ROBERT WALKER	2,303,297	KUAN, CHIA-YIN	2,302,874	SAMSUNG ELECTRONICS CO.,	
DUBOIS, CONSTANT	2,303,093	LAFLEUR, ANDRÉ	2,303,093	LTD.	2,303,232
EMMERICH, KURT	2,303,898	LANGE, BERND M.	2,302,873	SAMSUNG ELECTRONICS CO.,	
ERNSTBERGER, BERNHARD	2,304,188	LERNOUT & HAUSPIE SPEECH		LTD.	2,303,350
EVANS, DAVID J.	2,304,146	PRODUCTS N.V.	2,303,312	SCHOOFS, KOEN	2,303,312
EVANS, ROBERT M.	2,305,219	LEUSHNER, JAMES	2,302,810	SCHOTT GLASWERKE	2,304,022
FAES AG	2,303,898	LI, ZHONGYI	2,303,407	SCHOTT GLASWERKE	2,304,067
FINKELSTEIN, LOUIS D.	2,303,354	LINK, CHARLES M., II	2,303,508	SCHUBERT, THOMAS	2,304,188
FLAVELL, RICHARD A.	2,302,874			SCHULTHEIS, BERND	2,304,022
				SCHULTHEIS, BERND	2,304,067

Index of PCT Applications Entering the National Phase

SCHULZ, VINCENT PETER	2,303,405
SIEMENS	
AKTIENGESELLSCHAFT	2,303,785
SIEMENS	
AKTIENGESELLSCHAFT	2,303,895
SOLL, DIETER	2,303,409
STEDRON, HORST	2,304,022
STEDRON, HORST	2,304,067
STEELEWOOD EXTRUDING	
CORPORATION	2,305,219
STROUPE, STEPHEN D.	2,303,404
SUNOHARA, MASAAKI	2,304,110
SWENDSON, DAVID L.	2,304,146
TAMURA, FUMINORI	2,303,786
TELEFONAKTIEBOLAGET LM	
ERICSSON	2,303,360
TING, EDMUND Y.	2,303,793
TOLLGRADE	
COMMUNICATIONS, INC.	2,304,192
TORAY INDUSTRIES, INC.	2,303,786
TOSO, KENNETH E.	2,304,188
TREIBACHER SCHLEIFMITTEL	
AG	2,304,101
TREMOULET, OLIVIER L., JR.	2,303,793
TRUONG, DAT H.	2,304,187
UNION CARBIDE CHEMICALS	
& PLASTICS	
TECHNOLOGY	
CORPORATION	2,304,176
UNITED STATES SURGICAL	
CORPORATION	2,304,188
UNIVERSITY OF	
MASSACHUSETTS	2,302,874
VACUUMSCHMELZE GMBH	2,303,898
VISIBLE GENETICS INC.	2,302,810
WACKER-CHEMIE GMBH	2,303,999
WASHINGTON STATE	
UNIVERSITY RESEARCH	
FOUNDATION	2,302,873
WEIS, JOHANN	2,303,999
WHITMARSH, ALAN J.	2,302,874
WIDRIG, MARKUS	2,303,898
WILDUNG, MARK R.	2,302,873
WINDHAB, NORBERT	2,303,784
WRIGHT, JIM A.	2,301,874
YALE UNIVERSITY	2,303,409
YANG, DI	2,302,874
YANG, MEIJA	2,303,405
YOUNG, AIPING H.	2,301,874
ZEIRINGER, HANS	2,304,101

Index of Canadian Divisional and Previously Unavailable Laid-Open applications

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

ANDERSSON, HANS CLAS	2,303,751
AT&T IPM CORP.	2,303,711
BAYER AKTIENGESELLSCHAFT	2,303,709
BENE, BERNARD	2,303,714
BIELEFELDT, DIETMAR	2,303,709
BOART LONGYEAR INC.	2,303,710
BODIN, ROLAND STIG	2,303,751
CHARNE, DAVID G.	2,303,712
CHEVALLET, JACQUES	2,303,714
CORBIN, FRANK III	2,303,714
DIACHINA, JOHN WALTER	2,303,751
GRANT, IAN	2,303,712
HOAG, ETHAN D.	2,297,610
HOFF, ANDERS CARL ERIC	2,303,751
HOSPAL INDUSTRIE	2,303,714
HSU, MICHAEL S.	2,297,610
JOHNSON, STEVEN H.	2,303,714
KRALING, KONRAD	2,303,712
LABRECQUE, GERMAIN	2,303,741
LABRECQUE, ROBERT	2,303,741
LAMBERTS, WILHELM	2,303,709
LEPPERT, LAWRENCE L.	2,303,714
LOBDELL, DONN D.	2,303,714
MARHOLD, ALBRECHT	2,303,709
MARSOLAIS, PATRICE	2,303,751
NEGELE, MICHAEL	2,303,709
PATEL, JAYANTILAL D.	2,303,712
PERSSON, BENGT	2,303,751
PIONEER HI-BRED INTERNATIONAL, INC.	2,303,712
PRUVOT, JEAN-CLAUDE M.	2,303,712
RAITH, ALEX K.	2,303,751
SAMMARCO, ANTHONY J.	2,303,751
SAWYER, FRANCOIS	2,303,751
SHOHAM, YAIR	2,303,711
SOMMERFELD, CLAUS-DIETER	2,303,709
TELEFONAKTIEBOLAGET LM ERICSSON	2,303,751
TULSIERAM, LOMAS K.	2,303,712
TURCOTTE, JOSEPH ERIC	2,303,751
WIERZYNSKI, CASIMIR	2,303,711
YAO, JAMES JING	2,303,710
ZTEK CORPORATION	2,297,610