

WIPO



PCT/CTC/XIX/5

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DATE: May 30, 1997

WORLD INTELLECTUAL PROPERTY ORGANIZATION

GENEVA

**INTERNATIONAL PATENT COOPERATION UNION
(PCT UNION)**

PCT COMMITTEE FOR TECHNICAL COOPERATION

**Nineteenth Session
Geneva, May 26 to 30, 1997**

REPORT

adopted by the Committee

INTRODUCTION

1. The PCT Committee for Technical Cooperation (hereinafter referred to as “the Committee”) held its nineteenth session in Geneva from May 26 to 30, 1997.

2. The following members of the Committee were represented: Austria, Brazil, Bulgaria, Canada, Cuba, Denmark, the European Patent Office (EPO), Finland, France, Georgia, Germany, Hungary, Ireland, Japan, Lesotho, Madagascar, Netherlands, Norway, Poland, Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine and United States of America. The Eurasian Patent Office (EAPO) was represented as a special observer, and Chile, Lebanon and the publishers of the journal *World Patent Information* were represented as observers. The list of participants appears as Annex I to this report.

3. The session was opened and presided over by the Chairman of the Executive Coordination Committee of the WIPO Permanent Committee on Industrial Property Information, Mr. Robert W. Saifer (United States of America). Mr. Yoshiyuki Takagi, Director, Industrial Property Information Division, WIPO, welcomed the participants. Mr. Klaus-Peter Wittig, WIPO, acted as Secretary of the session.

ADOPTION OF THE AGENDA

4. The Committee unanimously adopted the agenda which is attached as Annex II to this report.

CONCLUSIONS

5. As decided by the Governing Bodies of WIPO at their tenth series of meetings (see document AB/X/32, paragraphs 51 and 52), held from September 24 to October 2, 1979, the report of this session reflects only the conclusions (decisions, recommendations, opinions, etc.) of the Committee and does not, in particular, reflect the statements made by any participants, except where any reservation in respect of any specific conclusion of the Committee was made or repeated after the conclusion was arrived at.

APPOINTMENT OF THE KOREAN INDUSTRIAL PROPERTY OFFICE AS INTERNATIONAL SEARCHING AUTHORITY AND AS INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY (Document PCT/CTC/XIX/3)

6. The Committee noted a statement by the Korean Industrial Property Office (KIPO) given by the head of the Korean Delegation and expressing its gratitude for the assistance it had received from the Director General of WIPO, and also from other Offices, in making the arrangements to place before the PCT Committee for Technical Cooperation KIPO's request to be appointed as an International Searching Authority (ISA) and an International Preliminary Examining Authority (IPEA) under the Patent Cooperation Treaty.

7. The Delegation referred to the remarkable increase in the filing of patent applications and utility model applications with its Office in recent years (35,160 in 1986 to 157,480 in 1996), to the automation plan of the Office in the fields of electronic filing of applications, of searching and of dissemination of industrial property information in the years 1993 to 1998, as well as to the efforts taken in acquiring the necessary documentation and in recruiting and training technically qualified staff for carrying out search and examination of patent applications. As a result of these efforts, KIPO possessed today, to a large extent, the minimum documentation referred to in PCT Rule 34, properly arranged for search and examination purposes (see PCT Rules 36.1(ii) and 63.1(ii)), and employed 400 patent examiners with the required technological qualifications to carry out search and examination at a level satisfying the requirements of PCT Rules 36.1(i) and (iii) and 63.1(i) and (iii).

8. The Delegation of Japan supported, without reservation, the request for the appointment of KIPO as an ISA and an IPEA and expressed the hope that the Japanese language would continue to be one of the languages in which Japanese applications could be filed with KIPO. In expressing its support, the Delegation of the Netherlands, with which the Delegations of Canada, Sweden and Ireland agreed, noted that the Committee could conclude that the requirements of PCT Rule 36 were basically complied with notwithstanding that there were still some gaps in KIPO's collection of patent documents.

9. Some delegations raised questions with respect to the patent documents forming part of the PCT minimum documentation and which, at present, KIPO did not have in its possession and did not have access to.

10. The Committee concluded its discussions by agreeing to recommend to the Assembly of the PCT Union that it appoint KIPO as an International Searching Authority and as an International Preliminary Examining Authority, provided that the appointment should take effect upon the entry into force of the agreement between KIPO and the International Bureau in relation to the functioning of KIPO as an ISA and IPEA, and that such entry into force should be one month after the date on which KIPO notified the Director General of WIPO that it had in its possession the PCT minimum documentation referred to in PCT Rule 34, properly arranged for search purposes, including both:

(a) the complete collection of patent documents referred to in PCT Rule 34.1(b)(i) and (ii), including the missing documents indicated in document PCT/CTC/XIX/3, and

(b) the non-patent literature as published in the PCT List of Periodicals to Be Used for Search and Examination according to PCT Rule 34.1(b)(iii), including all missing items.

11. The Committee noted that the advice given by the Committee, as set out in paragraph 10, above, would be submitted, together with the request by KIPO and a draft agreement between KIPO and the International Bureau in respect of KIPO's functioning as an ISA and IPEA, to the Assembly of the PCT Union for consideration at its September/October 1997 session.

AMENDMENTS TO THE PCT LIST OF PERIODICALS ESTABLISHED UNDER RULE 34.1(b)(iii) OF THE PCT (Document PCT/CTC/XIX/4)

12. The Committee noted information given by the International Bureau and outlined in document PCT/CTC/XIX/4 concerning amendments to the PCT List of Periodicals established under Rule 34.1(b)(iii) of the PCT.

13. In conclusion, the Committee agreed to approve the amended PCT Minimum Documentation List as contained in Annex III to this report and consisting of:

(a) Explanatory Notes;

(b) the main list "PCT Minimum Documentation – List of Periodicals: Periodicals to Be Used for Search and Examination";

(c) Appendix 1 "Periodicals Which Have Been Deleted from the Original List, Including Those for Which Publication Has Been Discontinued";

(d) Appendix 2 "Alphabetical Index."

14. The Committee took note of a JOPAL “Distribution-of-Work List” in numerical order of PCT Periodicals and in country order, as given in Annex IV to this report.

15. The Committee further agreed that the amended PCT list would come into effect as of January 1, 1998. It was noted that the International Bureau would publish the said PCT list in the second half of 1997 in the PCT Gazette and in the next updated issue of Part 4.2 of the *WIPO Handbook on Industrial Property Information and Documentation*.

16. This report was unanimously adopted by the Committee at its closing meeting on May 30, 1997.

[Annexes follow]

ANNEXE I/ANNEX I

LISTE DES PARTICIPANTS/LIST OF PARTICIPANTS

I. MEMBRES/MEMBERS

(dans l'ordre alphabétique des noms français des membres/
in the alphabetical order of the names in French of the members)

ALLEMAGNE/GERMANY

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BRÉSIL/BRAZIL

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BULGARIE/BULGARIA

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CUBA

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DANEMARK/DENMARK

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Henrik DALL, Head, Information Service, Danish Patent Office, Taastrup

ESPAGNE/SPAIN

Daniel VILA ROBERT, Director, Departamento de Patentes y Modelos, Oficina Española de Patentes y Marcas, Madrid

ÉTATS-UNIS D'AMÉRIQUE/UNITED STATES OF AMERICA

Robert W. SAIFER, Director, International Liaison Staff, Patent and Trademark Office, Department of Commerce, Washington, D.C.

Arthur F. PURCELL, International Project Specialist, Patent and Trademark Office, Department of Commerce, Washington, D.C.

FÉDÉRATION DE RUSSIE/RUSSIAN FEDERATION

Vladimir KAZANKOV, Deputy Director, All-Russian Scientific and Research Institute of State Patent Expertise, Moscow

Vladimir OPLACHKO, Director, Bilateral Relations Division, International Relations Department, Russian Agency for Patents and Trademarks, Moscow

FINLANDE/FINLAND

Juhani RAINESALO, Director, Search and Examination Division, National Board of Patents and Registration, Helsinki

FRANCE

Michèle LYON (Mme), ingénieur en chef, Institut national de la propriété industrielle, Paris

GÉORGIE/GEORGIA

Tamar CHARKVIANI (Mrs.), Head, Department of Patent Information and International Relations, Georgian Patent Office, Tbilisi

HONGRIE/HUNGARY

Csaba CZINKÓCZKY, Deputy Director, Patent Information Center, Hungarian Patent Office, Budapest

Ágnes VADÁSZ (Mrs.), Information Counsellor, Hungarian Patent Office, Budapest

IRLANDE/IRELAND

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JAPON/JAPAN

Masatoshi NISHIKAWA, Director, Patent Information Management Office, Patent Information Policy Division, General Administration Department, Japanese Patent Office, Tokyo

LESOTHO

Moeketsi PALIME, Patent and Trademarks Examiner, Registrar General's Office, Maseru

MADAGASCAR

Harijaona RANAIVO, chef du service information, documentation et relations publiques, Office malgache de la propriété industrielle, Antananarivo

NORVÈGE/NORWAY

Per Einar LILLEJORDET, Head of Patent Division, Norwegian Patent Office, Oslo

OFFICE EUROPÉEN DES BREVETS (OEB)/EUROPEAN PATENT OFFICE (EPO)

Charles JONCKHEERE, Principal Director, Documentation, Rijswijk, Netherlands

Herwig PAUWELS, Director, Documentation Production, Directorate General 1, Rijswijk, Netherlands

PAYS-BAS/NETHERLANDS

Siep de VRIES, Head, Chemical Division, Netherlands Industrial Property Office, Rijswijk

POLOGNE/POLAND

Maria JURCZAKOWSKA (Mrs.), Director, Informatics Department, Patent Office, Warsaw

Helena WOLSKA (Mrs.), Head of Division, Patent Office, Warsaw

PORTUGAL

Maria Luísa ARAÚJO (Mrs.), Head, Information Division, National Institute of Industrial Property, Lisbon

Luísa Maria MODESTO (Mrs.), Head, Patent Division, National Institute of Industrial Property, Lisbon

RÉPUBLIQUE DE CORÉE/REPUBLIC OF KOREA

Soo Dong KIM, Deputy Commissioner, Korean Industrial Property Office, Seoul

Joon Kyu KIM, Counsellor, Permanent Mission, Geneva

RÉPUBLIQUE DE MOLDOVA/REPUBLIC OF MOLDOVA

Stefan GAJIM, Deputy Head, Social Problems Department, State Chancellery of the Republic of Moldova, Kishinev

ROUMANIE/ROMANIA

Bogdan BORESCHIEVICI, Head of EDT & DTP, State Office for Inventions and Trademarks, Bucharest

Valeriu Cristel GEAMBAZU, Head, Patent Information Division, State Office for Inventions and Trademarks, Bucharest

SLOVÉNIE/SLOVENIA

Milan STUPICA, Assistant Director, Slovenian Intellectual Property Office, Ljubljana

SUÈDE/SWEDEN

Kerstin BERGSTRÖM (Mrs.), Head, Documentation Division, Patent and Registration Office, Stockholm

SUISSE/SWITZERLAND

Roland TSCHUDIN, état-major, Division des brevets, Institut fédéral de la propriété intellectuelle, Berne

TURQUIE/TURKEY

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Alla KOCHETKOVA (Mrs.), Deputy Director, Patent Information and Documentation Department, State Patent Office, Kyiv

Nelya POLONSKA (Mrs.), Deputy Director, Automation and Computerization Department, State Patent Office, Kyiv

Nina SMOLYAK (Mrs.), Chief Specialist, Patent Information and Documentation Department, State Patent Office, Kyiv

II. OBSERVATEUR SPÉCIAL/SPECIAL OBSERVER

OFFICE EURASIEN DES BREVETS (OEAB)/EURASIAN PATENT OFFICE (EAPO)

Khabibullo FAYAZOV, Vice-President, Moscow

III. OBSERVATEURS/OBSERVERS

CHILI/CHILE

Osvaldo URZUA, Asesor en desarrollo y relaciones internacionales, Departamento de Propiedad Industrial, Ministerio de Economía, Fomento y Reconstrucción, Santiago

LIBAN/LEBANON

Mohamed EL-AMINE, Director General, Ministry of Economy and Trade, Beirut

WORLD PATENT INFORMATION

James SIBLEY, Editor-in-Chief, World Patent Information, London, United Kingdom

IV. BUREAU/OFFICERS

Président/Chairman:	Robert SAIFER (États-Unis d'Amérique/ United States of America)
Vice-présidents/ Vice-Chairmen:	Kerstin BERGSTRÖM (Mrs.) (Suède/Sweden) Ademir TARDELLI (Brésil/Brazil)
Secrétaire/Secretary:	Klaus-Peter WITTIG (OMPI/WIPO)

V. BUREAU INTERNATIONAL DE L'ORGANISATION MONDIALE DE LA PROPRIÉTÉ INTELLECTUELLE (OMPI)/INTERNATIONAL BUREAU OF THE WORLD INTELLECTUAL PROPERTY ORGANIZATION (WIPO)

Division des classifications internationales/International Classifications Division: Bo HANSSON (directeur/Director); Mikhail MAKAROV (chef de la Section de la classification internationale des brevets/Head, International Patent Classification Section); Antonios FARASSOPOULOS (administrateur principal chargé de la classification en matière de brevets à la Section de la classification internationale des brevets/Senior Patent Classification Officer, International Patent Classification Section)

Division de l'information en matière de propriété industrielle/Industrial Property Information Division: Yo TAKAGI (directeur/Director); William GUY (chef de la Section des projets spéciaux/Head, Special Projects Section); Klaus-Peter WITTIG (chef de la Section de l'information générale/Head, General Information Section); Angel LÓPEZ SOLANAS (administrateur principal chargé de l'information en matière de propriété industrielle, Section de l'information générale/Senior Industrial Property Information Officer, General Information Section)

Secteur du PCT/PCT Sector: Busso BARTELS (directeur/Director); Département des opérations du PCT/PCT Operations Department: Gary SMITH (directeur/Director); Division juridique du PCT (Traité de coopération en matière de brevets)/PCT (Patent Cooperation Treaty) Legal Division: Philip THOMAS (directeur/Director)

Division des pays en développement (information en matière de propriété industrielle)/Developing Countries (Industrial Property Information) Division: Raymond ANDARY (directeur/Director)

[L'annexe II suit/Annex II follows]

ANNEX II

AGENDA

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3. Appointment of the Korean Industrial Property Office as International Searching Authority and as International Preliminary Examining Authority (document PCT/CTC/XIX/3)	6 – 11
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[Annex III follows]

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Ref.: PCT Minimum Documentation

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**“MINIMUM DOCUMENTATION” UNDER RULE 34.1(b)(iii) OF THE REGULATIONS
UNDER THE PATENT COOPERATION TREATY (PCT)**

The International Searching Authorities have agreed that, for the purposes of PCT Rule 34.1(b)(iii), the published items of non-patent literature to be included in the PCT “minimum documentation” should be the items published in the periodicals listed below during the five-year period preceding the time at which an international search report is established, it being understood that an International Searching Authority (ISA) would not be precluded from consulting issues of the said periodicals published prior to the beginning of the said five-year period. It has been agreed by the PCT Committee for Technical Cooperation that the periodicals need be consulted by the ISA only in respect of issues published after the effective inclusion of such periodicals in the list. The list is preceded by explanatory notes facilitating an understanding of the indications contained therein.

The list was originally agreed upon at a meeting held in Geneva on April 12, 1978. The present list was agreed upon by the International Searching Authorities on the occasion of the meeting of the PCT/CTC, held in Geneva from May 26 to 30, 1997, with effect from January 1, 1998. This list replaces the list published in a Special Issue of the *PCT Gazette* No. 19/1996, dated May 2, 1996, and in the *WIPO Handbook on Industrial Property Information and Documentation* (pages 4.2.1 to 4.2.51 of the February 1996 issue).



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Explanatory Notes

17. Each entry of the list contains one periodical only and gives information for each of the 134 periodicals by using letter codes "A" to "I" as defined below:

- A – PCT identification number
- B – Title of the periodical
- C – Publisher's name and address
- D – Abbreviated title of the periodical according to the ISDS Register, disc No. 10, May 1994¹
- E – ISSN Number
- F – Indication of language of the periodical by using the following symbols:

"de" for German	"pt" for Portuguese
"en" for English	"ru" for Russian
"fr" for French	"es" for Spanish
"ja" for Japanese	

- G – Year when the periodical was first included in the list
- H – Comments
- I – Sequence number of periodical in this list.

18. The titles of the periodicals are arranged in ascending order of the PCT identification number, subject to the following:

(i) when several editions of a periodical exist in different languages (e.g., by cover-to-cover translation), the periodical is listed according to the title of the English edition, if any, together with the original title in parentheses. If no English edition exists, the original title is used for the purposes of the list;

(ii) where the title of a periodical has changed, both the new title and the former title (in parentheses) are indicated in the list, the PCT identification number allotted to the periodical remaining unchanged.

19. The names of Japanese publishers are indicated in English, followed by transliteration of the Japanese name into Latin characters in parentheses.

20. The names and addresses of the publishers of the original editions of Russian periodicals are indicated below the names and addresses of the publishers of cover-to-cover translations into English. The language of each edition of the periodical is indicated, in this case, according to the respective publishers.

21. Whenever the periodical contains, in addition to full-text articles in the language, or languages, in which it is published, translations of abstracts, or of abstracts and part of the text, into other languages, this fact is indicated by an asterisk next to the indication of the languages.

22. For reference purposes, Appendix 1 to the current list of periodicals contains all the periodicals which have been deleted from the original list, including those journals for which publication has been discontinued. The year of deletion or discontinuation is given under letter code "H" of each entry. Appendix 2 contains an alphabetical index in order to facilitate the location of "active" periodicals and their abbreviated titles for which the PCT identification number is not immediately known.

¹ The International Serials Data System (ISDS) is a world-wide network responsible for the assignment, registration and control of the International Standard Serial Number (ISSN) and for the creation and maintenance of a comprehensive register of world serial publications. The purpose of the ISDS Register is to provide a comprehensive list of ISSNs, corresponding key titles and records of the serials processed by the ISDS network. The ISDS Register is the ISSN authority file. It is kept continually up to date. The register is a quarterly publication listing more than 80,000 new and amended records per year. It is available on three different media: on MAGNETIC TAPE, MICROFICHE or CD-ROM.



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23. Further information on the selection of abbreviations for the titles of periodicals not found in this list can be obtained through consulting the "List of Serial Title Word Abbreviations." The list containing over 42,000 words and their abbreviations is a machine-readable file (CD-ROM "ISSN Compact") of words and abbreviations maintained by the ISDS International Centre in Paris. It includes words from about 50 languages. The words are abbreviated in accordance with the International Standard ISO 4:1984, "Documentation – Rules for the Abbreviation of Title Words and Titles of Publications".² The abbreviations may also be used for titles of non-serial publications.

[List of periodicals follows]

² ISO 4:1984 is currently under revision. ISO/DIS 4 is available at the International Bureau.



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PCT MINIMUM DOCUMENTATION – LIST OF PERIODICALS:
PERIODICALS TO BE USED FOR SEARCH AND EXAMINATION

- A – 001
- B – Journal of the Acoustical Society of America
- C – American Institute of Physics
335 East 45th Street, New York, NY 10017, USA
- D – J. Acoust. Soc. Am.
- E – 0001-4966
- F – en
- G – 1981
- I – 001

- A – 003
- B – Acta Chemica Scandinavica
- C – Munksgaard
Noerre Soegade 35, DK-1370 Copenhagen K, Denmark
- D – Acta chem. Scand.
- E – 0904-213X
- F – en, fr, de
- G – 1981
- I – 002

- A – 005
- B – Bioscience, Biotechnology and Biochemistry (Agricultural and Biological Chemistry)
- C – Japan Society for Bioscience, Biotechnology and Agrochemistry
Japan Academic Societies Center, 4-16 Yayoi
2-chome, Bunkyo-ku, Tokyo 113, Japan
- D – Biosci. biotechnol. biochem.
- E – 0916-8451
- F – en
- G – 1981
- I – 003

- A – 007
- B – Journal of the American Ceramic Society
- C – American Ceramic Society
65, Ceramic Drive, Columbus, OH 43214, USA
- D – J. Am. Ceram. Soc.
- E – 0002-7820
- F – en
- G – 1981
- I – 004

- A – 008
- B – Journal of the American Chemical Society
- C – American Chemical Society
1155 16th Street, NW, Washington, DC 20036, USA
- D – J. Am. Chem. Soc.
- E – 0002-7863
- F – en
- G – 1981
- I – 005



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Ref.: PCT Minimum Documentation

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A - 010
B - Analytical Chemistry
C - American Chemical Society
1155 16th Street, NW, Washington, DC 20036, USA
D - Anal. chem.
E - 0003-2700
F - en
G - 1981
I - 006

A - 011
B - Angewandte Chemie
C - VCH Verlags Gesellschaft mbH
Postfach 101161
D-69451 Weinheim, Germany
D - Angew. Chem., Int. Ed. Engl.
E - 0570-0833
F - en, fr
G - 1981
I - 007

A - 013
B - Applied Optics
C - Optical Society of America
2010 Massachusetts Avenue, NW, Washington, DC 20036-1023, USA
D - Appl. opt.
E - 0003-6935
F - en, fr, de, ru
G - 1981
I - 008

A - 014
B - Applied Physics Letters
C - American Institute of Physics
335 East 45th Street, New York, NY 10017, USA
D - Appl. phys. lett.
E - 0003-6951
F - en
G - 1981
I - 009

A - 017
B - Automobiltechnische Zeitschrift (ATZ)
C - Franckh-Kosmos Verlags-GmbH & Co
Postfach 106011, D-70049 Stuttgart, Germany
D - ATZ, Automobiltech. Z.
E - 0001-2785
F - de
G - 1981
I - 010



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page: 4.2.6

- A - 020
- B - Aviation Week and Space Technology
- C - McGraw-Hill, Inc.
McGraw-Hill Building,
1221 Av. of the Americas, New York, NY 10020 USA
- D - Aviat. week space technol.
- E - 0005-2175
- F - en
- G - 1981
- I - 011

- A - 022
- B - AT&T Technical Journal (ex-AT&T Bell Laboratories Technical Journal / ex-Bell System Technical Journal)
- C - American Telephone and Telegraph Co.
Bell Telephone Laboratories, 600 Mountain Avenue,
Murray Hill, NJ 07974, USA
- D - ATT tech. j.
- E - 8756-2324
- F - en
- G - 1985
- I - 012

- A - 027
- B - Chemical and Engineering News
- C - American Chemical Society
1155, 16th Street, NW, Washington, DC 20036, USA
- D - Chem. eng. news
- E - 0009-2347
- F - en
- G - 1981
- I - 013

- A - 028
- B - Chemical and Pharmaceutical Bulletin (Pharmaceutical Bulletin)
- C - Pharmaceutical Society of Japan
12-15-501 Shibuya 2-chome, Shibuya-ku, Tokyo 150, Japan
- D - Chem. Pharm. Bull.
- E - 0009-2363
- F - en
- G - 1981
- I - 014

- A - 029
- B - Chemical Engineering
- C - McGraw-Hill, Inc.
McGraw-Hill Building, 1221 Avenue of the Americas,
New York, NY 10020, USA
- D - Chem. eng.
- E - 0009-2460
- F - en
- G - 1981
- I - 015



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Ref.: PCT Minimum Documentation

page: 4.2.7

- A – 031
- B – Chemical Reviews
- C – American Chemical Society
1155 16th Street, NW, Washington, DC 20036, USA
- D – Chem. rev.
- E – 0009-2665
- F – en
- G – 1981
- I – 016

- A – 032
- B – Journal of the Chemical Society – Five sections:
 - (A) – Chemical Communications (new results, all branches)
 - (B) – Dalton Transactions (inorganic chemistry)
 - (C) – Faraday Transactions
(ex-Faraday Transactions I, Faraday Transactions II)
 - (D) – Perkin Transactions I (organic and bio-organic chemistry)
 - (E) – Perkin Transactions II (physical organic chemistry)
- C – The Royal Society of Chemistry, Distribution Centre
Blackhorse Road, Letchworth, Herts., SG6 1HN, United Kingdom
- D – (A) J. Chem. Soc., Chem. Commun.
(B) J. Chem. Soc., Dalton trans.
(C) J. Chem. Soc., Faraday trans.
(D) J. Chem. Soc., Perkin trans. I
(E) J. Chem. Soc., Perkin trans. II
- E – (A) 0022-4936
(B) 0300-9246
(C) 0300-9238
(D) 0300-922X
(E) 0300-9580
- F – en
- G – 1981
- I – 017

- A – 033
- B – Bulletin of the Chemical Society of Japan
- C – Chemical Society of Japan (Nippon Kagakukai)
1-5, Kanda-Surugadai, Chiyoda-ku, Tokyo 101, Japan
- D – Bull. Chem. Soc. Jpn.
- E – 0009-2673
- F – en
- G – 1981
- I – 018

- A – 035
- B – Chemie-Ingenieur-Technik
- C – VCH Verlags Gesellschaft mbH
Postfach 101161, D-69451 Weinheim, Germany
- D – Chemieingenieurtech.
- E – 0009-286X
- F – de, en, fr
- G – 1981
- I – 019



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Ref.: PCT Minimum Documentation

page: 4.2.8

A - 037
B - Chemische Berichte
C - VCH Verlags Gesellschaft mbH
Postfach 101161, D-69451 Weinheim, Germany
D - Chem. Ber.
E - 0009-2940
F - en*, de
G - 1981
I - 020

A - 038
B - Chemistry and Industry
C - The Society of Chemical Industry
15, Belgrave Sq., London SW1X 8PS, United Kingdom
D - Chem. Ind.
E - 0009-3068
F - en
G - 1981
I - 021

A - 041
B - Collection of Czechoslovak Chemical Communications
C - Institute of Organic Chemistry and Biochemistry
Academy of Sciences of the Czech Republic, Flemingovo nám. 2,
16610 Prague 6, Czech Republic
D - Collect. Czech. Chem. Commun.
E - 0010-0765
F - en
G - 1981
I - 022

A - 045
B - Control Engineering
C - Cahners Publishing, Div. of Reed Publishing
275 Washington St., Newton, MA 02158, USA
D - Control eng.
E - 0010-8049
F - en
G - 1981
I - 023

A - 047
B - Electrical Communication
C - Alcatel
PHQ, 33 Rue Emerliau, 75725 Paris Cédex, France
D - Electr. commun.
E - 0013-4252
F - en, fr, de, es
G - 1981
I - 024



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Ref.: PCT Minimum Documentation

page: 4.2.9

A - 048
B - Journal of the Electrochemical Society,
C - Electrochemical Society, Inc.
10, South Main Str. Pennington, NJ 08534, USA
D - J. Electrochem. Soc.
E - 0013-4651
F - en
G - 1981
I - 025

A - 049
B - Electronic Design
C - Penton Publishing, Inc.
1100 Superior Ave., Cleveland, OH 44114, USA
D - Electron. des.
E - 0013-4872
F - en
G - 1981
I - 026

A - 050
B - Electronic Engineering
C - Morgan-Grampian (Publishers) Ltd.
30 Calderwood Street, London SE18 6QH, United Kingdom
D - Electron. eng.
E - 0013-4902
F - en
G - 1981
I - 027

A - 057
B - Funkschau
C - Franzis-Verlag GmbH & Co KG
Karlstraße 35 + 41, D-80333 Munich, Germany
D - Funkschau
E - 0016-2841
F - de
G - 1981
I - 028

A - 062
B - IBM Journal of Research and Development
C - International Business Machines Corporation
Armonk, New York, NY 10504, USA
D - IBM j. res. develop.
E - 0018-8646
F - en
G - 1981
I - 029



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Ref.: PCT Minimum Documentation

page: 4.2.10

- A - 063
- B - IBM Technical Disclosure Bulletin
- C - International Business Machines Corporation
Armonk, New York, NY 10504, USA
- D - IBM tech. dis. bull.
- E - 0018-8689
- F - en
- G - 1981
- I - 030

- A - 064
- B - IEEE Journal of Quantum Electronics
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - IEEE j. quantum electron.
- E - 0018-9197
- F - en
- G - 1981
- I - 031

- A - 065
- B - IEEE Journal of Solid State Circuits
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - IEEE j. solid-state circuits
- E - 0018-9200
- F - en
- G - 1981
- I - 032

- A - 066
- B - Proceedings of the IEEE
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - Proc. I.E.E.E.
- E - 0018-9219
- F - en
- G - 1981
- I - 033

- A - 067
- B - IEEE Spectrum
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - IEEE spectrum
- E - 0018-9235
- F - en
- G - 1981
- I - 034



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Ref.: PCT Minimum Documentation

page: 4.2.11

- A - 068
- B - IEEE – Transactions on Aerospace and Electronic Systems
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - IEEE trans. aerosp. electron. syst.
- E - 0018-9251
- F - en
- G - 1981
- I - 035

- A - 069
- B - IEEE – Transactions on Signal Processing / Audio and Electroacoustics / Acoustics, Speech and Signal Processing
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - IEEE trans. signal process.
- E - 1053-587X
- F - en
- G - 1981
- I - 036

- A - 071
- B - IEEE – Transactions on Biomedical Engineering
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - IEEE trans. biomed. eng.
- E - 0018-9294
- F - en
- G - 1981
- I - 037

- A - 072
- B - IEEE – Transactions on Consumer Electronics (Transactions on Broadcast and Television Receivers)
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - IEEE trans. consum. electron.
- E - 0098-3063
- F - en
- G - 1981
- I - 038

- A - 073
- B - IEEE – Transactions on Communications (Transactions on Communication Technology)
- C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
- D - IEEE trans. commun.
- E - 0090-6778
- F - en
- G - 1981
- I - 039



HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: PCT Minimum Documentation

page: 4.2.12

A - 074
B - IEEE – Transactions on Computers (Transactions on Electronic Computers)
C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
D - IEEE trans. comput.
E - 0018-9340
F - en
G - 1981
I - 040

A - 075
B - IEEE – Transactions on Electron Devices
C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
D - IEEE trans. electron. devices
E - 0018-9383
F - en
G - 1981
I - 041

A - 077
B - IEEE – Transactions on Instrumentation and Measurement
C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
D - IEEE trans. instrum. meas.
E - 0018-9456
F - en
G - 1981
I - 042

A - 078
B - IEEE – Transactions on Microwave Theory and Techniques
C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
D - IEEE trans. microwave theor. tech.
E - 0018-9480
F - en
G - 1981
I - 043

A - 079
B - IEEE – Transactions on Components, Hybrids and Manufacturing Technology
C - Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
D - IEEE trans. components hybrids manuf. technol.
E - 0148-6411
F - en
G - 1981
I - 044



HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: PCT Minimum Documentation

page: 4.2.13

-
- A – 081
B – IEEE – Transactions on Ultrasonics, Ferroelectrics and Frequency Control (Transactions on Sonics and Ultrasonics)
C – Institute of Electrical and Electronics Engineers Inc.
445 Hoes Lane, Piscataway, P.O. Box 1331, NJ 08855, USA
D – IEEE trans. ultrason. ferroelectr. freq. control
E – 0885-3010
F – en
G – 1981
I – 045
- A – 083
B – Industrial and Engineering Chemistry Research
C – American Chemical Society
1155, 16th Street, NW, Washington, DC 20036, USA
D – Ind. eng. chem. res.
E – 0888-5885
F – en
G – 1981
I – 046
- A – 085
B – Transactions of the Institute of Electronics, Information and Communication Engineers (Denshi Joho Tsushin Gakkai Ronbunshi)
– Section E:
All areas: Original contributions in English, and English abstracts of papers and letters published in Section J, Parts A-B-C-D below
– Section J:
– Part A – Transactions on fundamentals of Electronics, Communications and Computer Sciences / Basis
– Part B – Transactions on Communications / Communication
– Part C – Transactions on Electronics / Electronics
– Part D – Transactions on Information and Systems / Information Processing
C – The Institute of Electronics, Information and Communication Engineers (Denshi Joho Tsushin Gakkai)
Kikai-Shinko-Kaikan 5-8 Bldg, Shibakoen 3-chome,
Minato-ku, Tokyo 105, Japan
D – – Section E: Trans. Inst. Electron. Inf. Commun. Eng.
– Section J:
(A) IEICE trans. fundam. electron. commun. comput. sci.
(B) IEICE trans. commun.
(C) IEICE trans. electron.
(D) IEICE trans. inf. syst.
E – – Section E: 0913-574X
– Section J:
(A) 0916-8508
(B) 0916-8516
(C) 0916-8524
(D) 0916-8532
F – – Section E: en
– Section J: A – ja, en*; B – ja, en*; C – ja, en*; D – ja, en*
G – 1981
I – 047



HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: PCT Minimum Documentation

page: 4.2.14

- A - 090
- B - Japanese Journal of Applied Physics
 - 1. Regular papers & short notes
 - 2. Letters
- C - Japanese Journal of Applied Physics Publication Office,
Daini Toyokaiji Building, 24-8, Shinbashi 4-chome,
Minato-ku, Tokyo 105, Japan
- D - Jpn. j. appl. phys.
- E - 0021-4922
- F - en
- G - 1981
- I - 048

- A - 091
- B - Kobunshi Ronbunshu / Japanese Journal of Polymer Science and Technology
- C - The Society of Polymer Science, Japan (Kobunshi Gakkai)
Tsukiji Daisan Nagaoka Bldg., 2-4-2 Tsukiji, Chuo-Ku,
Tokyo 104, Japan
- D - Kobunshi ronbunshu
- E - 0386-2186
- F - en*, ja
- G - 1981
- I - 049

- A - 092
- B - Journal of Agricultural and Food Chemistry
- C - American Chemical Society
1155, 16th Street, NW, Washington, DC 20036, USA
- D - J. agric. food chem.
- E - 0021-8561
- F - en
- G - 1981
- I - 050

- A - 095
- B - Journal of Applied Chemistry of Russia
- C - Consultants Bureau
233 Springstr., New York, NY 10013, USA
or
Zurnal prikladnoj himii
Nauka
Mendeleevskaya Linia 1, 199034 St. Petersburg, Russia
- D - J. appl. chem. Rus.
- E - 0021-888X / 0044-4618
- F - en / ru
- G - 1981
- I - 051



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Ref.: PCT Minimum Documentation

page: 4.2.15

- A - 096
- B - Journal of Applied Physics
- C - American Institute of Physics
500 Sunnyside Blvd., Woodbury, NY 11797, USA
- D - J. appl. phys.
- E - 0021-8979
- F - en
- G - 1981
- I - 052

- A - 097
- B - Journal of Applied Polymer Science
- C - John Wiley and Sons, Inc., Periodicals Department
605 Third Avenue, New York, NY 10158, USA
- D - J. appl. polym. sci.
- E - 0021-8995
- F - en
- G - 1981
- I - 053

- A - 098
- B - Journal of Chromatography. Biomedical Applications
(Chromatographic Reviews discontinued as of January 1987)
- C - Elsevier Science Publishers B.V.
Box 330, 1055 KV Amsterdam, Netherlands
- D - J. chromatogr., Biomed. appl.
- E - 0378-4347
- F - en, fr, de
- G - 1981
- I - 054

- A - 100
- B - Journal of General Chemistry of Russia
- C - Consultants Bureau
233 Springstr., New York, NY 10013, USA
or
Zurnal obsej himii
Nauka
Mendeleevskaya Linia 1, 199034 St. Petersburg, Russia
- D - J. gen. chem. Rus.
- E - 0022-1279 / 0044-460X
- F - en / ru
- G - 1981
- I - 055



HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: PCT Minimum Documentation

page: 4.2.16

-
- A – 102
 - B – JOM – Journal of Metals
 - C – The Minerals, Metals & Materials Society of AIME
P.O. Box 430, 420 Commonwealth Drive,
Warrendale, PA 15086, USA
 - D – J. met.
 - E – 0148-6608
 - F – en
 - G – 1981
 - I – 056

- A – 103
- B – The Journal of Organic Chemistry
- C – American Chemical Society
1155 16th Street, NW, Washington, DC 20036, USA
- D – J. org. chem.
- E – 0022-3263
- F – en
- G – 1981
- I – 057

- A – 104
- B – Journal of Organometallic Chemistry
- C – Elsevier Sequoia S.A.
P.O. Box 564, 1001 Lausanne, Switzerland
- D – J. organomet. chem.
- E – 0022-328X
- F – en, fr, de
- G – 1981
- I – 058

- A – 106
- B – Measurement Science and Technology (Journal of Physics: Part E – Scientific Instruments)
- C – Institute of Physics
Techno House, Redcliffe Way,
Bristol BS1 6NX, United Kingdom
- D – Meas. sci. technol.
- E – 0957-0233
- F – en
- G – 1981
- I – 059



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Ref.: PCT Minimum Documentation

page: 4.2.17

- A - 107
- B - Journal of Polymer Science
 - Part A - Polymer chemistry (ex-Polymer chemistry)
 - Part B - Polymer physics (ex-Polymer physics)
- C - John Wiley & Sons Inc., Periodicals Department
605 Third Avenue, New York, NY 10016, USA
- D - (A) J. polym. sci., A, Polym. chem.
(B) J. polym. sci., B, Polym. phys.
- E - (A) 0887-624X
(B) 0887-6266
- F - en
- G - 1981
- I - 060

- A - 108
- B - Journal of the Royal Netherlands Chemical Society (Recueil des Travaux Chimiques des Pays-Bas)
- C - Elsevier Science Publishers B.V.
Box 330, 1055 KV Amsterdam, Netherlands
- D - Recl. trav. chim. Pays-Bas
- E - 0165-0513
- F - en, fr, de
- G - 1981
- I - 061

- A - 110
- B - Kunststoffe
- C - Carl Hanser Verlag
Postfach 860420, D-81631 Munich, Germany
- D - Kunstst. Ger. plast.
- E - 0723-0192
- F - de
- G - 1981
- I - 062

- A - 112
- B - Machine Design
- C - Penton Publishing, Inc.
1100 Superior Av., Cleveland, OH 44114, USA
- D - Mach. des.
- E - 0024-9114
- F - en
- G - 1981
- I - 063

- A - 117
- B - Metal Finishing
- C - Elsevier Science Publishers B.V.
Box 330, 1055 KV Amsterdam, Netherlands
- D - Met. finish.
- E - 0026-0576
- F - en
- G - 1981
- I - 064



HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: PCT Minimum Documentation

page: 4.2.18

-
- A – 122
B – Modern Plastics International
C – McGraw Hill Inc.
McGraw Hill Building, 1221 Avenue of the Americas,
New York, NY 10020, USA
D – Mod. plast. int.
E – 0026-8283
F – en
G – 1981
I – 065
- A – 126
B – Journal of the Optical Society of America
(Parts A and B from January and March 1984 respectively)
– Part A – Optics and Image Science
– Part B – Optical Physics
C – Optical Society of America
2010 Massachusetts Ave., NW, Washington, DC 20036, USA.
335 East 45th Street, New York, NY 10017, USA
D – (A) J. Opt. Soc. Am., A, Opt. image sci.
(B) J. Opt. Soc. Am., B, Opt. phys.
E – (A) 0740-3232
(B) 0740-3224
F – en
G – 1981
I – 066
- A – 127
B – Optics and Spectroscopy
C – American Institute of Physics
335 East 45th Street, New York, NY 10017, USA
or
Optika i spektroskopija
Nauka
Mendeleevskaya Linia 1, 199034 St. Petersburg, Russia
D – Opt. spectrosc.
E – 0030-400X / 0030-4034
F – en / ru
G – 1981
I – 067
- A – 129
B – Philips Journal of Research
C – N. V. Philips Gloeilampenfabrieken, Research Laboratories
Eindhoven, Netherlands
D – Philips j. res.
E – 0165-5817
F – en
G – 1981
I – 068



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Ref.: PCT Minimum Documentation

page: 4.2.19

- A - 131
- B - Physical Review
 - Part A - Statistical Physics, Plasmas, Fluids and Related Interdisciplinary Topics / General Physics
 - Part B - Condensed Matter
 - Part C - Nuclear Physics
 - Part D - Particles and Fields
- C - American Physical Society
335 East 45th Street, New York, NY 10017, USA
- D - (A) Phys. rev. Phys. rev. lett. index
(B) Phys. rev. B, Condens. matter
(C) Phys. rev. C, Nucl. phys.
(D) Phys. rev. D
- E - (A) 0094-0003
(B) 0163-1829
(C) 0556-2813
(D) 0556-2821
- F - en
- G - 1981
- I - 069

- A - 132
- B - Plastverarbeiter
- C - Verlagsgruppe Huethig
Postfach 102869, D-69018 Heidelberg, Germany
- D - Plastverarbeiter
- E - 0032-1338
- F - de
- G - 1981
- I - 070

- A - 133
- B - Playthings
- C - Geyer-McAllister Publications, Inc.
51 Madison Avenue, New York, NY 10010, USA
- D - Playthings
- E - 0032-1567
- F - en
- G - 1981
- I - 071

- A - 134
- B - Polymer Science
- C - Pergamon Press
Headington Hill Hall, Oxford OX3 OBW, United Kingdom
or
Vysokomolekulyarnye Soedinenia
Nauka
Leninsky prospekt 29, 117912 Moscow, Russia
- D - Polym. sci. Rus.
- E - 0032-3950/0507-5475
- F - en / ru
- G - 1981
- I - 072



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Ref.: PCT Minimum Documentation

page: 4.2.20

A - 135
B - Power
C - McGraw-Hill, Inc.
McGraw-Hill Building, 1221 Avenue of the Americas,
New York, NY 10020, USA
D - Power
E - 0032-5929
F - en
G - 1981
I - 073

A - 139
B - Review of Scientific Instruments
C - American Institute of Physics
335 East 45th Street, New York, NY 10017, USA
D - Rev. sci. instrum.
E - 0034-6748
F - en
G - 1981
I - 074

A - 141
B - Rubber Chemistry and Technology
C - American Chemical Society, Rubber Division,
University of Akron
Akron, OH 44325, USA
D - Rubber chem. technol.
E - 0035-9475
F - en
G - 1981
I - 075

A - 144
B - Automotive Engineering
C - Society of Automotive Engineers, Inc., SAE Headquarters
400 Commonwealth Drive, Warrendale, PA 15096, USA
D - Automot. eng.
E - 0098-2571
F - en
G - 1981
I - 076

A - 145
B - Scientific American
C - Scientific American, Inc.
415 Madison Avenue, New York, NY 10017, USA
D - Sci. Am.
E - 0036-8733
F - en
G - 1981
I - 077



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Ref.: PCT Minimum Documentation

page: 4.2.21

A - 147
B - SMPTE Journal
C - Society of Motion Picture and Television Engineers, Inc.
595 W. Hartsdale Av., White Plains, New York, NY 10607, USA
D - SMPTE j.
E - 0036-1682
F - en
G - 1981
I - 078

A - 148
B - SDC – Journal of the Society of Dyers and Colourists
C - The Society of Dyers and Colourists
P.O. Box 244, Perkin House, 82 Grattan Road,
Bradford, Yorkshire BD1 2JB, United Kingdom
D - J. Soc. Dyers Colour.
E - 0037-9859
F - en
G - 1981
I - 079

A - 149
B - Solid-State Electronics
C - Pergamon Press
Headington Hill Hall, Oxford OX3 OBW, United Kingdom
D - Solid-state electron.
E - 0038-1101
F - en
G - 1981
I - 080

A - 150
B - Solid-State Technology
C - Pennwell Publishing Company
Advanced Technology Group,
One Technology Park Dr., Westford, MA 01886, USA
D - Solid-state technol.
E - 0038-111X
F - en
G - 1981
I - 081

A - 156
B - Stahl und Eisen
C - Verlag Stahl und Eisen GmbH
Postfach 10 51 64, D-40042 Düsseldorf, Germany
D - Stahl Eisen
E - 0340-4803
F - en*, de
G - 1981
I - 082



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Ref.: PCT Minimum Documentation

page: 4.2.22

A – 157
B – Steroids: Structure, Function and Regulation
C – Butterworth-Heinemann
80, Montvale Av., Stoneham, MA 02180, USA
D – Steroids
E – 0039-128X
F – en
G – 1981
I – 083

A – 158
B – TAPPI Journal (TAPPI)
C – TAPPI – Technical Association of the Pulp and Paper Industry
15 Technology Parkway S.,
Norcross, GA 30092, USA
D – Tappi j.
E – 0734-1415
F – en
G – 1981
I – 084

A – 159
B – Tetrahedron
C – Pergamon Press
Headington Hill Hall, Oxford, OX3 0BW, United Kingdom
D – Tetrahedron
E – 0040-4020
F – en, fr, de
G – 1981
I – 085

A – 160
B – Tetrahedron Letters
C – Pergamon Press
Headington Hill Hall, Oxford OX3 0BW, United Kingdom
D – Tetrahedron lett.
E – 0040-4039
F – en, fr, de
G – 1981
I – 086

A – 163
B – Textile Research Journal
C – Textile Research Institute
Box 625, Princeton, NJ 08540, USA
D – Tex. res. j.
E – 0040-5175
F – en
G – 1981
I – 087



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Ref.: PCT Minimum Documentation

page: 4.2.23

A - 164
B - VDI-Z / Zeitschrift für Integrierte Produktionstechnik
C - Verein Deutscher Ingenieure
VDI-Verlag GmbH
Postfach 10 10 54, D-40001 Düsseldorf, Germany
D - VDI-Z
E - 0042-1766
F - en*, de
G - 1981
I - 088

A - 165
B - Research Journal of the Water Pollution Control Federation (Water Environment Research)
C - Water Environment Federation
601, White Str., Alexandria, VA 22314, USA
D - Res. j. Water Pollut. Control Fed.
E - 1047-7624
F - en, fr*, de*, pt*, es*
G - 1981
I - 089

A - 168
B - Electronics and Wireless World (Wireless World)
C - IPC Industrial Press Ltd.,
Quadrant House, The Quadrant, Sutton
Surrey SM2 5AS, United Kingdom
D - Electron. wirel. world
E - 0266-3244
F - en
G - 1981
I - 090

A - 169
B - Chemical Abstracts
C - Chemical Abstracts Service
Marketing Department, The Ohio State University
Columbus, OH 43210, USA
D - Chem. abstr.
E - 0009-2258
F - en
G - 1981
I - 091

A - 170
B - Bulletin de la Société chimique de France
C - Elsevier
29, rue Buffon, F-75005 Paris, France
D - Bull. Soc. chim. fr.
E - 0037-8968
F - fr
G - 1982
I - 092



HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: PCT Minimum Documentation

page: 4.2.24

- A - 171
- B - L'Onde électrique
- C - Revue Générale de l'Électricité S.A.
48, rue de la Procession, F-75724 Paris Cédex 15, France
- D - Onde élect.
- E - 0030-2430
- F - en*, fr
- G - 1982
- I - 093

- A - 177
- B - Journal of Crystal Growth
- C - Elsevier / North-Holland Publishing Co.
P.O. Box 103, 1000 AC Amsterdam, Netherlands
- D - J. cryst. growth
- E - 0022-0248
- F - en
- G - 1985
- I - 094

- A - 178
- B - Journal of Organic Chemistry of Russia
- C - Consultants Bureau
233 Springstr., New York, NY 10013, USA
or
Zurnal organiceskoj himii
Nauka
Mendeleevskaya Linia 1, 199034 St. Petersburg, Russia
- D - ³ / Z. org. him.
- E - 0022-3271 / 0514-7492
- F - en / ru
- G - 1985
- I - 095

- A - 180
- B - Optics Communications
- C - Elsevier / North-Holland Publishing Co.
P.O. Box 103, 1000 AC Amsterdam, Netherlands
- D - Opt. commun.
- E - 0030-4018
- F - en
- G - 1985
- I - 096

³ No abbreviated title available for the English edition.



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Ref.: PCT Minimum Documentation

page: 4.2.25

A – 181
B – Radio Fernsehen Elektronik
C – Verlag Technik GmbH
Am Friedrichshain 22, D-10407 Berlin, Germany
D – ⁴
E – 7900-0033
F – de
G – 1985
I – 097

A – 183
B – Semiconductors (ex-Soviet Physics-Semiconductors)
C – American Institute of Physics
335 East 45th Street, New York, NY 10017, USA
or
Fizika i tehnika poluprovodnikov
Nauka
Leninsky prospekt 15, 117071 Moscow, Russia
D – Semiconductors
E – 1063-7826/0015-3222
F – en / ru
G – 1985
I – 098

A – 185
B – Technical Physics Letters (ex-Soviet Technical Physics Letters)
C – American Institute of Physics
335 East 45th Street, New York, NY 10017, USA
or
Pisma v Zurnal tehniceskoy fiziki
Nauka
Mendeleevskaya Linia 1, 199034 St. Petersburg, Russia
D – Tech. phys. lett.
E – 1063-7850/0320-0116
F – en / ru
G – 1985
I – 099

A – 189
B – Xerox Disclosure Journal
C – Xerox Corporation
Xerox Square, 020 Rochester, NY 14644, USA
D – ⁴
E – 0361-4190
F – en
G – 1985
I – 100

⁴ No abbreviated title available.



HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: PCT Minimum Documentation

page: 4.2.26

A – 195
B – Nature
C – Macmillan Magazines Ltd.
4 Little Essex Street, London WC2R 3LF, United Kingdom
D – Nature
E – 0028-0836
F – en
G – 1987
I – 101

A – 196
B – Proceedings of the National Academy of Sciences of the USA
C – National Academy of Sciences
2101 Constitution Avenue, Washington, DC 20418, USA
D – Proc. Natl. Acad. Sci. U.S.A.
E – 0027-8424
F – en
G – 1987
I – 102

A – 197
B – Gene
C – Elsevier / North-Holland Publishing Co.
P.O. Box 103, 1000 AC Amsterdam, Netherlands
D – Gene
E – 0378-1119
F – en
G – 1989
I – 103

A – 198
B – Nucleic Acids Research
C – IRL Press Ltd.
Box 1, Eynsham, Oxford OX8 1JJ, United Kingdom
D – Nucleic acids res.
E – 0305-1048
F – en
G – 1989
I – 104

A – 199
B – Science
C – American Association for the Advancement of Science
1515 Massachusetts Avenue, NW, Washington, DC 20005, USA
D – Science
E – 0036-8075
F – en
G – 1989
I – 105



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Ref.: PCT Minimum Documentation

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A - 202
B - Electronic Letters
C - IEE Stevenage
United Kingdom
D - Electron. lett.
E - 0013-5194
F - en
G - 1994
I - 106

A - 203
B - Computer Design
C - Penwell Publ.
Littleton, Ma., USA
D - Comput. des.
E - 0010-4566
F - en
G - 1994
I - 107

A - 204
B - Elektronik
C - Franzis-Verlag GmbH & Co KG
Karlstraße 35 + 41, D-80333 Munich, Germany
D - Elektronik
E - 0013-5658
F - de
G - 1994
I - 108

A - 205
B - IEEE Electron Device Letters
C - IEEE Inc.
New York, NY, USA
D - IEEE electron device lett.
E - 0741-3106
F - en
G - 1994
I - 109

A - 206
B - Thin Solid Films
C - Elsevier-Sequoia S.A.
Lausanne, Switzerland
D - Thin solid films
E - 0040-6090
F - en
G - 1994
I - 110



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Ref.: PCT Minimum Documentation

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A - 207
B - Wescon Technical Papers
C - Western Periodicals Co.
424 E. Main St., Ventura, CA 93001, USA
D - WESCON tech. pap.
E - 0083-8837
F - en
G - 1994
I - 111

A - 208
B - IEEE – Transactions on Nuclear Science
C - IEEE Inc.
New York, NY, USA
D - IEEE trans. nucl. sci.
E - 0018-9499
F - en
G - 1994
I - 112

A - 209
B - Journal of Biological Chemistry
C - Waverly Press
P.O. Box 400, Prospect Heights, IL 60070, USA
D - J. biol. chem.
E - 0021-9258
F - en
G - 1994
I - 113

A - 210
B - BBA Biochimica et Biophysica ACTA
C - Elsevier
P.O. Box 882, Madison Sq. Station, New York, NY, USA
D - Biochim. biophys. acta
E - 0006-3002
F - en
G - 1994
I - 114

A - 211
B - Biochemistry
C - American Chemical Society
1155 16th Street, NW, Washington, DC 20036, USA
D - Biochemistry
E - 0006-2960
F - en
G - 1994
I - 115



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Ref.: PCT Minimum Documentation

page: 4.2.29

A - 212
B - Cancer Research
C - Waverly Press
P.O. Box 400, Prospect Heights, IL 60070, USA
D - Cancer res.
E - 0008-5472
F - en
G - 1994
I - 116

A - 213
B - Methods in Enzymology
C - Academic Press
1250 Sixth Avenue, San Diego, CA 92101, USA
D - Methods enzymol.
E - 0076-6879
F - en
G - 1994
I - 117

A - 214
B - Biochemical and Biophysical Research Communications
C - Academic Press, Inc.
1250 Sixth Avenue, San Diego, CA 92101, USA
D - Biochem. biophys. res. commun.
E - 0006-291X
F - en
G - 1994
I - 118

A - 215
B - Clinical Chemistry
C - American Association for Clinical Chemistry
2029 K Street, NW, Washington, DC 20006, USA
D - Clin. chem.
E - 0009-9147
F - en
G - 1994
I - 119

A - 216
B - Journal of Immunology
C - Waverly Press
P.O. Box 400, Prospect Heights, IL 60070, USA
D - J. immunol.
E - 0022-1767
F - en
G - 1994
I - 120



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Ref.: PCT Minimum Documentation

page: 4.2.30

A - 217
B - Embo Journal
C - Oxford University
200 Madison Avenue, New York, NY, USA
D - EMBO j.
E - 0261-4189
F - en
G - 1994
I - 121

A - 218
B - Cell
C - Cell Press
D - Cell
E - 0092-8674
F - en
G - 1994
I - 122

A - 219
B - Popular Science
C - NeoData Services
D - Pop. sci.
E - 0161-7370
F - en
G - 1994
I - 123

A - 220
B - Popular Mechanics
C - Communications Data Service
D - Pop. mech.
E - 0032-4558
F - en
G - 1994
I - 124

A - 221
B - Byte
C - McGraw-Hill, Inc.
McGraw-Hill Building, 1221 Avenue of the Americas, New York, NY 10020, USA
D - Byte
E - 0360-5280
F - en
G - 1994
I - 125



HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: PCT Minimum Documentation

page: 4.2.31

A - 222
B - Bio/Technology
C - Nature Publishing
65 Bleeker St., New York, NY 10012, USA
D - Bio/technology
E - 0733-222X
F - en
G - 1994
I - 126

A - 223
B - Plant Physiology
C - Waverly Press
P.O. Box 400, Prospect Heights, IL 60070, USA
D - Plant physiol.
E - 0032-0889
F - en
G - 1994
I - 127

A - 224
B - Technische Rundschau
C - Hallwag AG
Nordring 4, CH-3001 Bern, Switzerland
D - Tech. Rundsch.
E - 0040-148X
F - de
G - 1994
I - 128

A - 225
B - Messen und Prüfen
C - b-Quadrat Verlagsgesellschaft mbH
Kolpingstr. 46, D-86916 Kaufering, Germany
D - Mess. prüf.
E - 0937-3446
F - de
G - 1994
I - 129

A - 226
B - VDI-Nachrichten
C - VDI-Verlag
Postfach 101054, D-40001 Düsseldorf, Germany
D - VDI-Nachr.
E - 0042-1758
F - de
G - 1994
I - 130



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Ref.: PCT Minimum Documentation

page: 4.2.32

A - 227
B - Konstruktion
C - Springer Verlag
Heidelberger Platz 3, D-14197 Berlin, Germany
D - Konstruktion
E - 0720-5953
F - de
G - 1994
I - 131

A - 228
B - Elektor
C - Elektor Verlag GmbH
Süsterfeldstr. 25, D-52072 Aachen, Germany
D - Elektor
E - 0173-1696
F - de
G - 1994
I - 132

A - 229
B - Biotechnology Abstracts
C - Derwent Information Ltd.
Derwent House, 14 Great Queen Street, London WC2B 5DF,
United Kingdom
D - Derwent biotechnol. abstr.
E - 0262-5318
F - en
G - 1994
I - 133

A - 230
B - EDN (Electronic Technology for Engineers and Engineering Managers)
C - Cahners Publishing Company
275 Washington Street, Newton, MA 02158-1630, USA
D - EDN
E - 0012-7515
F - en
G - 1994
I - 134

[Appendices follow]



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Appendix 1, page 1

APPENDIX 1

PERIODICALS WHICH HAVE BEEN DELETED FROM THE ORIGINAL LIST,
INCLUDING THOSE FOR WHICH PUBLICATION HAS BEEN DISCONTINUED

- A - 002
- B - Journal of the Acoustical Society of Japan (Nippon Onkyo Gakkaishi)
- E - 0369-4232
- H - Deleted from the list on January 1, 1994

- A - 004
- B - Aerosol Age
- E - 0001-9291
- H - Deleted from the list on January 1, 1985

- A - 006
- B - Agricultural Machinery Journal
- E - 002-1539
- H - Deleted from the list on January 1, 1985

- A - 009
- B - American Dyestuff Reporter
- E - 0002-8266
- H - Deleted from the list on January 1, 1993

- A - 012
- B - Annals of Nuclear Energy
- E - 0306-4549
- H - Deleted from the list on January 1, 1985

- A - 015
- B - ASEA Journal (ex-ASEA's Tidning)
- E - 0001-2459
- H - See periodical PCT identification number 201

- A - 016
- B - ATM und Messtechnische Praxis
- E - 0340-4021
- H - Deleted from the list on December 31, 1988

- A - 018
- B - Automatic Welding or
Avtomaticheskaya Svarka
- E - 0005-108X / 0005-111X
- H - Deleted from the list on January 1, 1985



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page: 4.2.34

Appendix 1, page 2

- A - 019
- B - Automation and Remote Control or
Avtomatika i Telemekhanika
- E - 0005-1179 / 0005-2310
- H - Deleted from the list on January 1, 1985

- A - 021
- B - AT & T Bell Laboratories Record (ex-Bell Laboratories Record)
- E - 0005-8564
- H - Discontinued as of March 1986 (see also periodical PCT identification number 193)

- A - 023
- B - Brown-Boveri Review
- E - 0007-2486
- H - Deleted from the list on December 31, 1988

- A - 024
- B - Bulletin of the Academy of Sciences of the USSR: Physical Series
- E - 0001-432X / 0367-6755
- H - Deleted from the list on January 1, 1985

- A - 025
- B - Bulletin of the Academy of Sciences of the USSR: Chemical Series
- E - 0568-5230 / 0002-3353
- H - Deleted from the list on January 1, 1985

- A - 026
- B - Bulletin SEV / VSE
- E - 0036-1321
- H - Deleted from the list on January 1, 1993

- A - 030
- B - Chemical Engineering of Japan, Journal of the Society
of Chemical Engineers
- E - 0021-9592
- H - Deleted from the list on January 1, 1993

- A - 034
- B - Journal of the Chemical Society of Japan (Nippon Kagaku Kaishi)
- E - 0369-4577
- H - Deleted from the list on January 1, 1994



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page: 4.2.35

Appendix 1, page 3

A - 036
B - Chemiker Zeitung
E - 0009-2894
H - Deleted from the list on January 1, 1993

A - 039
B - CIBA-Geigy Review
E - 0366-5984
H - Discontinued as of January 1975

A - 040
B - Civil Engineering
E - 0360-0556
H - Deleted from the list on December 31, 1988

A - 042
B - Compressed Air
E - 0010-4426
H - Deleted from the list on January 1, 1985

A - 043
B - Comptes rendus des Séances de l'Académie des Sciences, Series I-II-III
E - Series I: 0151-0509
Series II: 0567-6541
Series III: 0567-655X
H - Deleted from the list on January 1, 1993

A - 044
B - Control and Instrumentation
E - 0010-8022
H - Deleted from the list on January 1, 1993

A - 046
B - Doklady - Chemistry
E - 0012-5088
H - Deleted from the list on January 1, 1985

A - 051
B - Electronics (Electronics Week)
E - 0883-4989
H - Discontinued as of April 1995



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Appendix 1, page 4

- A - 052
- B - Elektrotechnik und Maschinenbau
- E - 0012-8058
- H - Deleted from the list on December 31, 1988

- A - 053
- B - Engineering
- E - 0040-1056
- H - Deleted from the list on December 31, 1988

- A - 054
- B - Engineering Materials and Design
- E - 0308-6917
- H - Deleted from the list on December 31, 1988

- A - 055
- B - ETZ (Elektrotechnische Zeitschrift)
- E - 0170-1711
- H - Deleted from the list on January 1, 1993

- A - 056
- B - Fördern und Heben
- E - 0373-6482
- H - Deleted from the list on December 31, 1988

- A - 058
- B - Giesserei
- E - 0016-9765
- H - Deleted from the list on January 1, 1993

- A - 059
- B - Glass and Ceramics
- E - 0361-7610
- H - Deleted from the list on January 1, 1993

- A - 060
- B - Glastechnische Berichte
- E - 0017-1085
- H - Deleted from the list on December 31, 1988



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Appendix 1, page 5

- A – 061
- B – Heating, Piping & Air Conditioning
- E – 0017-940X
- H – Deleted from the list on January 1, 1993

- A – 070
- B – Automatic Control
- E – 0018-9286
- H – Deleted from the list on December 31, 1988

- A – 076
- B – IEEE – Transactions on Geoscience and Remote Sensing (ex-Geoscience Electronics)
- E – 0018-9413
- H – Deleted from the list on January 1, 1993

- A – 080
- B – Power Apparatus and Systems
- E – 0018-9510
- H – As from January 1986, split into three parts – see periodicals PCT identification numbers 190 to 192

- A – 082
- B – Industrial and Engineering Chemistry, Fundamentals
- E – 0196-4313
- H – Deleted from the list on January 1, 1985

- A – 084
- B – Industrial and Engineering Chemistry: Product Research and Development
- E – 0196-4321
- H – Discontinued as of 1987

- A – 086
- B – International Polymer Science and Technology (ex-Soviet Rubber Technology) or Kauchuk i Rezina
- E – 0307-174X / 0022-9466
- H – Deleted from the list on January 1, 1993

- A – 087
- B – Nachrichten Elektronik und Telematik (ex-Nachrichten Elektronik) (ex-Internationale Elektronische Rundschau)
- E – 0341-4035
- H – Deleted from the list on December 31, 1988



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page: 4.2.38

Appendix 1, page 6

- A – 088
- B – Iron and Steel International
- E – 0308-9142
- H – Discontinued as from vol.58 (1985), No.1

- A – 089
- B – Journal of the Iron and Steel Institute of Japan,
(Tetsu-To-Hagané)
- E – 0021-1575
- H – Deleted from the list on January 1, 1994

- A – 093
- B – Journal of Analytical Chemistry of the USSR or
Zhurnal Analiticheskoi Khimii
- E – 0021-8766 / 0044-4502
- H – Deleted from the list on January 1, 1993

- A – 094
- B – Journal of Chemical Technology and Biotechnology (ex-Journal of Chemical Technology and Biotechnology)
- E – 0268-2575
- H – Deleted from the list on January 1, 1993

- A – 099
- B – Journal of Electron Microscopy
- E – 0022-0744
- H – Deleted from the list on January 1, 1993

- A – 101
- B – Polyhedron (ex-Journal of Inorganic and Nuclear Chemistry)
- E – 0022-1902
- H – Deleted from the list on January 1, 1985

- A – 105
- B – Journal of Physics: Part B – Atomic and Molecular Physics
- E – 0022-3700
- H – Deleted from the list on January 1, 1985

- A – 109
- B – Kautschuk & Gummi Kunststoffe
- E – 0022-9520
- H – Deleted from the list on January 1, 1993



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page: 4.2.39

Appendix 1, page 7

- A - 111
- B - Linde Reports of Science & Technology
- E - 0024-3728
- H - Deleted from the list on January 1, 1985

- A - 113
- B - Machinery and Production Engineering
- E - 0024-919X
- H - Deleted from the list on December 31, 1988

- A - 114(143)
- B - Soviet Engineering Research (formerly Machines and Tooling, and Russian Engineering Journal) or Stanki i Instrumenty and Vestnik Mashinostroenia, Mashinostroenie
- E - 0144-6622 / 0042-4633 / 0038-9811
- H - Deleted from the list on January 1, 1993

- A - 115
- B - Measurement Techniques or Izmeritel'naya Tekhnika
- E - 0543-1972 / 0368-1025
- H - Deleted from the list on January 1, 1993

- A - 116
- B - Melliande Textilberichte, International Textile Reports (ex-Melliande Textilberichte International)
- E - 0341-0781
- H - Deleted from the list on January 1, 1993

- A - 118
- B - Metal Science and Heat Treatment or Metallovedenie i Termicheskaya Obrabotka Metallov
- E - 0026-0673 / 0026-0819
- H - Deleted from the list on January 1, 1993

- A - 119
- B - Metallurgist (Metallurg)
- E - 0026-0894 / 0026-0827
- H - Deleted from the list on January 1, 1985

- A - 120
- B - Metalworking Production
- E - 0026-1033
- H - Deleted from the list on December 31, 1988



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page: 4.2.40

Appendix 1, page 8

- A - 121
- B - Packaging (ex-Package Engineering) (ex-Modern Packaging)
- E - 0746-3820
- H - Deleted from the list on December 31, 1988

- A - 123
- B - Nickel Topics (ex-Inco Nickel)
- E - 0028-9736
- H - Discontinued as from vol.35 (1982)

- A - 124
- B - NTZ (Nachrichtentechnische Zeitschrift)
- E - 0027-707X
- H - Deleted from the list on January 1, 1993

- A - 125
- B - Nuclear Engineering International
- E - 0029-5507
- H - Deleted from the list on January 1, 1993

- A - 128
- B - Oyo Butsuri
- E - 0369-8009
- H - Deleted from the list on January 1, 1993

- A - 130
- B - Philips Technical Review
- E - 0031-7926
- H - Discontinued as of January 1990

- A - 136
- B - Power Farming
- E - 0032-5988
- H - Deleted from the list on December 31, 1988

- A - 137
- B - Radio Engineering and Electronic Physics or Radiotekhnika i Elektronika
- E - 0033-7889 / 0033-8494
- H - Deleted from the list on January 1, 1985



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page: 4.2.41

Appendix 1, page 9

- A - 138
- B - RCA Review
- E - 0033-6831
- H - Deleted from the list on January 1, 1993

- A - 140
- B - Automatisierungstechnik (ex-Regelungstechnik)
- E - 0340-434X
- H - Deleted from the list on January 1, 1993

- A - 142
- B - Russian Chemical Reviews or
Uspekhi Khimii
- E - 0036-021X / 0042-1308
- H - Deleted from the list on January 1, 1985

- A - 143
- B - Russian Engineering Journal
- H - Deleted from the list on January 1, 1993 (see also periodical PCT identification number 114)

- A - 146
- B - Siemens Review (Siemens Zeitschrift)
- E - 0037-4709
- H - Deleted from the list on January 1, 1985

- A - 151
- B - Soviet Atomic Energy or
Atomnaya Energiya
- E - 0038-531X / 0004-7163
- H - Deleted from the list on January 1, 1993

- A - 152
- B - Soviet Physics -- Acoustics or
Akusticheskii Zhurnal
- E - 0038-562X / 0320-7919
- H - Deleted from the list on January 1, 1985

- A - 153
- B - Soviet Physics - Doklady
- E - 0038-5689
- H - Deleted from the list on January 1, 1985



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page: 4.2.42

Appendix 1, page 10

- A - 154
- B - Soviet Physics – Solid State or
Fizika Tverdogo Tela
- E - 0038-5654 / 0367-3294
- H - Deleted from the list on January 1, 1993

- A - 155
- B - Soviet Physics –Technical Physics
- E - 0038-5662 / 0367-3294
- H - Deleted from the list on January 1, 1985

- A - 161
- B - Textil Praxis International
- E - 0340-5028
- H - Deleted from the list on January 1, 1993

- A - 162
- B - Textile Manufacturer and Knitting World (ex-Textile Manufacturer)
- E - 0040-5108
- H - Deleted from the list on January 1, 1985

- A - 166
- B - Westinghouse Engineer
- E - 0043-4361
- H - Discontinued as of January 1975

- A - 167
- B - Wiggin Nickel Alloys
- E - 0143-2737
- H - Discontinued as of 1978

- A - 172
- B - Automatic Control and Computer Science
- E - 0146-4116
- H - Deleted from the list on December 31, 1988

- A - 173
- B - Coke and Chemistry – USSR or
Koks i Khimia
- E - 0010-0501 / 0023-2815
- H - Deleted from the list on January 1, 1993



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Appendix 1, page 11

- A - 174
- B - Farbe und Lack
- E - 0014-7699
- H - Deleted from the list on January 1, 1993

- A - 175
- B - Fibre Chemistry or
Khimicheskie Volokna
- E - 0015-0541 / 0023-1118
- H - Deleted from the list on January 1, 1993

- A - 176
- B - Instruments and Experimental Techniques or
Pribory i Tekhnika Eksperimenta
- E - 0020-4412 / 0032-8162
- H - Deleted from the list on January 1, 1993

- A - 179
- B - Oil and Gas Journal
- E - 0030-1388
- H - Deleted from the list on December 31, 1988

- A - 182
- B - Solar Energy
- E - 0038-092X
- H - Deleted from the list on January 1, 1993

- A - 184
- B - Soviet Physics - Uspekhi or
Uspekhi Fizicheskikh Nauk
- E - 0038-5670 / 0042-1294
- H - Deleted from the list on January 1, 1993

- A - 186
- B - Steel in the USSR or
Stal and Izv.
- E - 0038-9218 / 0038-920X
- H - Deleted from the list on January 1, 1993



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Appendix 1, page 12

- A – 187
- B – Telecommunications and Radio Engineering or Radiotekhnika, Radio i Svyaz and Elektrosvyaz, Radio i Svyaz
- E – 0040-2508 / 0033-8486 / 0013-5771
- H – Deleted from the list on January 1, 1993

- A – 188
- B – Welding Production or Svarochnoe Proizvodstvo
- E – 0043-230X / 0491-6441
- H – Deleted from the list on January 1, 1989

- A – 190
- B – IEEE – Transactions on Energy Conversion (ex-periodical PCT identification number 80, IEEE Transactions on Power Apparatus and Systems)
- E – 0885-8969
- H – Deleted from the list on January 1, 1993

- A – 191
- B – IEEE – Transactions on Power Delivery (ex-periodical PCT identification number 80, IEEE Transactions on Power Apparatus and Systems)
- E – 0885-8877
- H – Deleted from the list on January 1, 1993

- A – 192
- B – IEEE – Transactions on Power Systems (ex-periodical PCT identification number 80, IEEE Transactions on Power Apparatus and Systems)
- E – 0885-8950
- H – Deleted from the list on January 1, 1993

- A – 193
- B – AT&T Technology (ex-AT&T Bell Laboratories Record)
- E – 0889-8979
- H – Deleted from the list on December 31, 1988

- A – 194
- B – Steel Times – Incorporating Iron & Steel
- E – 0039-095X
- H – Deleted from the list on January 1, 1993



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page: 4.2.45

Appendix 1, page 13

- A - 200
- B - Welding International
- E - 0950-7116
- H - Deleted from the list on January 1, 1993

- A - 201
- B - ABB Review (ABB Tidning) / ex-ASEA Journal
- E - 1013-3119
- H - Deleted from the list on January 1, 1994

[Appendix 2 follows]



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Appendix 2, page 1

APPENDIX 2

ALPHABETICAL INDEX

<u>Title</u>	<u>Abbreviated Title</u>	<u>PCT Identification Number</u>
Acta Chemica Scandinavica	Acta chem. Scand.	003
Analytical Chemistry	Anal. chem.	010
Angewandte Chemie	Angew. Chem., Int. Ed. Engl.	011
Applied Optics	Appl. opt.	013
Applied Physics Letters	Appl. phys. lett.	014
AT&T Technical Journal	ATT tech. j.	022
Automobiltechnische Zeitschrift	ATZ, Automobiltech. Z.	017
Automotive Engineering	Automot. eng.	144
Aviation Week and Space Technology	Aviat. week space technol.	020
BBA Biochimica et Biophysica ACTA	Biochim. biophys. acta	210
Biochemical and Biophysical Research Communications	Biochem. biophys. res. commun.	214
Biochemistry	Biochemistry	211
Bioscience, Biotechnology and Biochemistry	Biosci. biotechnol. biochem.	005
Bio/Technology	Bio/technology	222
Biotechnology Abstracts	Derwent biotechnol. abstr.	229
Bulletin de la Société chimique de France	Bull. Soc. chim. Fr.	170
Bulletin of the Chemical Society of Japan	Bull. Chem. Soc. Jpn.	033
Byte	Byte	221
Cancer Research	Cancer res.	212
Cell	Cell	218
Chemical Abstracts	Chem. abstr.	169
Chemical and Engineering News	Chem. eng. news	027



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<u>Title</u>	<u>Abbreviated Title</u>	<u>PCT Identification Number</u>
Chemical and Pharmaceutical Bulletin	Chem. Pharm. Bull	028
Chemical Engineering	Chem. eng.	029
Chemical Reviews	Chem. rev.	031
Chemie-Ingenieur-Technik	Chemieingenieurtech.	035
Chemische Berichte	Chem. Ber.	037
Chemistry and Industry	Chem. Ind.	038
Clinical Chemistry	Clin. chem.	215
Collection of Czechoslovak Chemical Communications	Collect. Czech. Chem. Commun.	041
Computer Design	Comput. des.	203
Control Engineering	Control eng.	045
EDN	EDN	230
Electrical Communication	Electr. commun.	047
Electronic Design	Electron. des.	049
Electronic Engineering	Electron. eng.	050
Electronic Letters	Electron. lett.	202
Electronics and Wireless World	Electron. wirel. world	168
Elektor	Elektor	228
Elektronik	Elektronik	204
Embo Journal	EMBO j.	217
Funkschau	Funkschau	057
Gene	Gene	197



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<u>Title</u>	<u>Abbreviated Title</u>	<u>PCT Identification Number</u>
IBM Journal of Research and Development	IBM j. res. develop.	062
IBM Technical Disclosure Bulletin	IBM tech. dis. bull.	063
IEEE Electron Device Letters	IEEE electron device lett.	205
IEEE Journal of Quantum Electronics	IEEE j. quantum electron.	064
IEEE Journal of Solid State Circuits	IEEE j. solid-state circuits	065
IEEE Spectrum	IEEE spectrum	067
IEEE – Transactions on Aerospace and Electronic Systems	IEEE trans. aerosp. electron. syst.	068
IEEE – Transactions on Biomedical Engineering	IEEE trans. biomed. eng.	071
IEEE – Transactions on Communications	IEEE trans. commun.	073
IEEE – Transactions on Components, Hybrids and Manufacturing Technology	IEEE trans. components hybrids manuf. technol	079
IEEE – Transactions on Computers	IEEE trans. comput.	074
IEEE – Transactions on Consumer Electronics	IEEE trans. consum. electron.	072
IEEE – Transactions on Electron Devices	IEEE trans. electron. devices	075
IEEE – Transactions on Instrumentation and Measurement	IEEE trans. instrum. meas.	077
IEEE – Transactions on Microwave Theory and Techniques	IEEE trans. microwave theor. tech.	078
IEEE – Transactions on Nuclear Science	IEEE trans nucl. sci.	208
IEEE – Transactions on Signal Processing / Audio and Electroacoustics / Acoustics, Speech and Signal Processing	IEEE trans. signal process.	069
IEEE – Transactions on Ultrasonics, Ferroelectrics and Frequency Control	IEEE trans. ultrason. ferroelectr. freq. control	081
Industrial and Engineering Chemistry Research	Ind. eng. chem. res.	083



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<u>Title</u>	<u>Abbreviated Title</u>	<u>PCT Identification Number</u>
Japanese Journal of Applied Physics	Jpn. j. appl. phys.	090
JOM – Journal of Metals	J. met.	102
Journal of Agricultural and Food Chemistry	J. agric. food chem.	092
Journal of Applied Chemistry of Russia	J. appl. chem. Rus.	095
Journal of Applied Physics	J. appl. phys.	096
Journal of Applied Polymer Science	J. appl. polym. sci.	097
Journal of Biological Chemistry	J. biol. chem.	209
Journal of Chromatography. Biomedical Applications	J. chromatogr., Biomed. appl.	098
Journal of Crystal Growth	J. cryst. growth	177
Journal of General Chemistry of Russia	J. gen. chem. Rus.	100
Journal of Immunology	J. immunol.	216
Journal of Organic Chemistry of Russia	³ / Z. org. him.	178
Journal of Organometallic Chemistry	J. organomet. chem.	104
Journal of Polymer Science – Part A – Polymer chemistry – Part B – Polymer physics	(A) J. polym. sci., A, Polym. chem. (B) J. polym. sci., B, Polym. phys.	107
Journal of the Acoustical Society of America	J. Acoust. Soc. Am.	001
Journal of the American Ceramic Society	J. Am. Ceram. Soc.	007
Journal of the American Chemical Society	J. Am. Chem. Soc.	008
Journal of the Chemical Society – Section A – Chemical Communications – Section B – Dalton Transactions – Section C – Faraday Transactions – Section D – Perkin Transactions I – Section E – Perkin Transactions II	(A) J. Chem. Soc., Chem. Commun. (B) J. Chem. Soc., Dalton trans. (C) J. Chem. Soc., Faraday trans. (D) J. Chem. Soc., Perkin trans I (E) J. Chem. Soc., Perkin trans. II	032
Journal of the Electrochemical Society	J. Electrochem. Soc.	048
Journal of the Optical Society of America – Part A – Optics and Image Science – Part B – Optical Physics	(A) J. Opt. Soc. Am., A, Opt. image sci. (B) J. Opt. Soc. Am., B, Opt. phys.	126

³ No abbreviated title available for the English edition.



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<u>Title</u>	<u>Abbreviated Title</u>	<u>PCT Identification Number</u>
Journal of the Royal Netherlands Chemical Society (Recueil des Travaux Chimiques des Pays-Bas)	Recl. trav. chim. Pays-Bas	108
Kobunshi Ronbunshu / Japanese Journal of Polymer Science and Technology	Kobunshi ronbunshu	091
Konstruktion	Konstruktion	227
Kunststoffe	Kunstst. Ger. plast.	110
L'Onde électrique	Onde élect.	171
Machine Design	Mach. des.	112
Measurement Science and Technology	Meas. sci. technol.	106
Messen und Prüfen	Mess. prüf.	225
Metal Finishing	Met. finish.	117
Methods in Enzymology	Methods enzymol.	213
Modern Plastics International	Mod. plast. int.	122
Nature	Nature	195
Nucleic Acids Research	Nucleic acids res.	198
Optics and Spectroscopy	Opt. spectrosc.	127
Optics Communications	Opt. commun.	180
Philips Journal of Research	Philips j. res.	129
Physical Review		131
– Part A – Statistical Physics, Plasmas, Fluids and Related Inter-disciplinary Topics / General physics	(A) Phys. rev. Phys. rev. lett. index	
– Part B – Condensed Matter	(B) Phys. rev. B, Condens. matter	
– Part C – Nuclear Physics	(C) Phys. rev. C, Nucl. phys.	
– Part D – Particles and Fields	(D) Phys. rev. D	



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<u>Title</u>	<u>Abbreviated Title</u>	<u>PCT Identification Number</u>
Plant Physiology	Plant physiol.	223
Plastverarbeiter	Plastverarbeiter	132
Playthings	Playthings	133
Polymer Science	Polym. sci. Rus.	134
Popular Mechanics	Pop. mech.	220
Popular Science	Pop. sci.	219
Power	Power	135
Proceedings of the IEEE	Proc. I.E.E.E.	066
Proceedings of the National Academy of Sciences of the USA	Proc. Natl. Acad. Sci. U.S.A.	196
Radio Fernsehen Elektronik	⁴	181
Research Journal of the Water Pollution Control Federation	Res. j. Water Pollut. Control Fed.	165
Review of Scientific Instruments	Rev. sci. instrum.	139
Rubber Chemistry and Technology	Rubber chem. technol.	141
Science	Science	199
Scientific American	Sci. Am.	145
SDC – Journal of the Society of Dyers and Colourists	J. Soc. Dyers Colour	148
Semiconductors	Semiconductors	183
SMPTE Journal	SMPTE j.	147
Solid-State Electronics	Solid-state electron.	149
Solid-State Technology	Solid-state technol.	150
Stahl und Eisen	Stahl Eisen	156
Steroids: Structure, Function and Regulation	Steroids	157

⁴ No abbreviated title available.



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<u>Title</u>	<u>Abbreviated Title</u>	<u>PCT Identification Number</u>
TAPPI Journal	Tappi j.	158
Technical Physics Letters	Tech. phys. lett.	185
Technische Rundschau	Tech. Rundsch.	224
Tetrahedron	Tetrahedron	159
Tetrahedron Letters	Tetrahedron lett.	160
Textile Research Journal	Tex. res. j.	163
The Journal of Organic Chemistry	J. org. chem.	103
Thin Solid Films	Thin solid films	206
Transactions of the Institute of Electronics, Information and Communication Engineers – Section E:	– Section E: Trans. Inst. Electron. Inf. Commun. Eng.	085
– Section J:	– Section J:	
– Part A – Transactions on fundamentals of Electronics, Communications and Computer Sciences / Basis	(A) IEICE trans. fundam. electron. commun. comput. sci.	
– Part B – Transactions on Communications / Communication	(B) IEICE trans. commun.	
– Part C – Transactions on Electronics / Electronics	(C) IEICE trans. electron.	
– Part D – Transactions on Information and Systems / Information Processing	(D) IEICE trans. inf. syst.	
VDI-Nachrichten	VDI-Nachr.	226
VDI-Z / Zeitschrift für Integrierte Produktionstechnik	VDI-Z	164
Wescon Technical Papers	WESCON tech. pap.	207
Xerox Disclosure Journal	4	189

[Annex IV follows]

⁴ No abbreviated title available.

JOPAL "DISTRIBUTION-OF-WORK" LIST IN NUMERICAL ORDER OF PCT PERIODICALS

PCT No.	Title	Cooperating Office
001	Journal of the Acoustical Society of America	US
003	Acta Chemica Scandinavica	DE
005	Bioscience, Biotechnology and Biochemistry	EP
007	Journal of the American Ceramic Society	EP
008	Journal of the American Chemical Society	DE
010	Analytical Chemistry	DE
011	Angewandte Chemie	DE
013	Applied Optics	DE
014	Applied Physics Letters	DE
017	Automobiltechnische Zeitschrift (ATZ)	DE
020	Aviation Week and Space Technology	SE
022	AT&T Technical Journal	RU
027	Chemical and Engineering News	AU
028	Chemical and Pharmaceutical Bulletin	JP
029	Chemical Engineering	EP
031	Chemical Reviews	DE
032	Journal of the Chemical Society	EP
033	Bulletin of the Chemical Society of Japan	JP
035	Chemie-Ingenieur-Technik	DE
037	Chemische Berichte	DE
038	Chemistry and Industry	BR
041	Collection of Czechoslovak Chemical Communications	CZ
045	Control Engineering	AU
047	Electrical Communication	FR
048	Journal of the Electrochemical Society	DE
049	Electronic Design	RU
050	Electronic Engineering	DE
057	Funkschau	AT
062	IBM Journal of Research and Development	DE
063	IBM Technical Disclosure Bulletin	DE
064	IEEE Journal of Quantum Electronics	DE
065	IEEE Journal of Solid State Circuits	DE
066	Proceedings of the IEEE	DE
067	IEEE Spectrum	DE
068	IEEE – Transactions on Aerospace and Electronic Systems	DE
069	IEEE – Transactions on Signal Processing	DE
071	IEEE – Transactions on Biomedical Engineering	DE
072	IEEE – Transactions on Consumer Electronics	DE
073	IEEE – Transactions on Communications	DE
074	IEEE – Transactions on Computers	DE
075	IEEE – Transactions on Electron Devices	DE
077	IEEE – Transactions on Instrumentation and Measurement	DE
078	IEEE – Transactions on Microwave Theory and Techniques	DE
079	IEEE – Transactions on Components, Hybrids and Manufacturing Technology	DE
081	IEEE – Transactions on Ultrasonics, Ferroelectrics and Frequency Control	DE
083	Industrial and Engineering Chemistry Research	EP
085	Transactions of the Institute of Electronics, Information and Communication Engineers	JP
090	Japanese Journal of Applied Physics	JP
091	Kobunshi Ronbunshu	JP
092	Journal of Agricultural and Food Chemistry	EP
095	Journal of Applied Chemistry of Russia	RU
096	Journal of Applied Physics	DE
097	Journal of Applied Polymer Science	DE
098	Journal of Chromatography	DE
100	Journal of General Chemistry of Russia	RU
102	JOM – Journal of Metals	AU
103	The Journal of Organic Chemistry	DE

JOPAL "DISTRIBUTION-OF-WORK" LIST IN NUMERICAL ORDER OF PCT PERIODICALS

PCT No.	Title	Cooperating Office
104	Journal of Organometallic Chemistry	DE
106	Measurement Science and Technology	DE
107	Journal of Polymer Science	RU
108	Journal of the Royal Netherlands Chemical Society	DE
110	Kunststoffe	DE
112	Machine Design	AU
117	Metal Finishing	EP
122	Modern Plastics International	DE
126	Journal of the Optical Society of America	AU
127	Optics and Spectroscopy	RU
129	Philips Journal of Research	DE
131	Physical Review (A-B-C-D)	DE
132	Plastverarbeiter	DE
133	Playthings	EP
134	Polymer Science	RU
135	Power	US
139	Review of Scientific Instruments	RU
141	Rubber Chemistry and Technology	BR
144	Automotive Engineering	AU
145	Scientific American	AU
147	SMPTE Journal	US
148	SDC – Journal of the Society of Dyers and Colourists	AU
149	Solid-State Electronics	AU
150	Solid-State Technology	DE
156	Stahl und Eisen	DE
157	Steroids: Structure, Function and Regulation	DE
158	TAPPI Journal (ex-TAPPI)	EP
159	Tetrahedron	AU
160	Tetrahedron Letters	DE
163	Textile Research Journal	EP
164	VDI-Z/Zeitschrift für Integrierte Produktionstechnik	DE
165	Water Environment Research	DE
168	Electronics World	GB
169	Chemical Abstracts*	--
170	Bulletin de la Société chimique de France	FR
171	L'Onde électrique	FR
177	Journal of Crystal Growth	BG
178	Journal of Organic Chemistry of Russia	RU
180	Optics Communications	BR
181	Radio Fernsehen Elektronik	DE
183	Semiconductors	RU
185	Technical Physics Letters	RU
189	Xerox Disclosure Journal	US
195	Nature	EP
196	Proceedings of the National Academy of Sciences of the USA	US
197	Gene	DE
198	Nucleic Acids Research	EP
199	Science	US
202	Electronic Letters	EP
203	Computer Design	EP
204	Elektronik	DE
205	IEEE Electron Device Letters	CA
206	Thin Solid Films	EP
207	Wescon Technical Papers	EP

* Journal not included in the JOPAL project.

JOPAL "DISTRIBUTION-OF-WORK" LIST IN NUMERICAL ORDER OF PCT PERIODICALS

PCT No.	Title	Cooperating Office
208	IEEE – Transactions on Nuclear Science	CA
209	Journal of Biological Chemistry	EP
210	BBA Biochimica et Biophysica ACTA	RU
211	Biochemistry	CA
212	Cancer Research	EP
213	Methods in Enzymology	US
214	BBRC Biochemistry, Biophysiology Research Community	US
215	Clinical Chemistry	EP
216	Journal of Immunology	EP
217	Embo Journal	EP
218	Cell	EP
219	Popular Science	CA
220	Popular Mechanics	US
221	Byte	GB
222	Bio/Technology	CA
223	Plant Physiology	EP
224	Technische Rundschau	EP
225	Messen und Prüfen	DE
226	VDI-Nachrichten	DE
227	Konstruktion	DE
228	Elektor	DE
229	Biotechnology Abstracts	US
230	EDN (Electronic Technology for Engineers and Engineering Managers)	EP

JOPAL "DISTRIBUTION-OF-WORK" LIST IN COUNTRY ORDER

Cooperating Office	Title	PCT No.
–	Chemical Abstracts*	169
AT	Funkschau	057
AU	Chemical and Engineering News	027
AU	Control Engineering	045
AU	JOM – Journal of Metals	102
AU	Machine Design	112
AU	Journal of the Optical Society of America	126
AU	Automotive Engineering	144
AU	Scientific American	145
AU	SDC – Journal of the Society of Dyers and Colourists	148
AU	Solid-State Electronics	149
AU	Tetrahedron	159
BG	Journal of Crystal Growth	177
BR	Chemistry and Industry	038
BR	Rubber Chemistry and Technology	141
BR	Optics Communications	180
CA	IEEE Electron Device Letters	205
CA	IEEE – Transactions on Nuclear Science	208
CA	Biochemistry	211
CA	Popular Science	219
CA	Bio/Technology	222
CZ	Collection of Czechoslovak Chemical Communications	041
DE	Acta Chemica Scandinavica	003
DE	Journal of the American Chemical Society	008
DE	Analytical Chemistry	010
DE	Angewandte Chemie	011
DE	Applied Optics	013
DE	Applied Physics Letters	014
DE	Automobiltechnische Zeitschrift (ATZ)	017
DE	Chemical Reviews	031
DE	Chemie–Ingenieur–Technik	035
DE	Chemische Berichte	037
DE	Journal of the Electrochemical Society	048
DE	Electronic Engineering	050
DE	IBM Journal of Research and Development	062
DE	IBM Technical Disclosure Bulletin	063
DE	IEEE Journal of Quantum Electronics	064
DE	IEEE Journal of Solid State Circuits	065
DE	Proceedings of the IEEE	066
DE	IEEE Spectrum	067
DE	IEEE – Transactions on Aerospace and Electronic Systems	068
DE	IEEE – Transactions on Signal Processing	069
DE	IEEE – Transactions on Biomedical Engineering	071
DE	IEEE – Transactions on Consumer Electronics	072
DE	IEEE – Transactions on Communications	073
DE	IEEE – Transactions on Computers	074
DE	IEEE – Transactions on Electron Devices	075
DE	IEEE – Transactions on Instrumentation and Measurement	077
DE	IEEE – Transactions on Microwave Theory and Techniques	078
DE	IEEE – Transactions on Components, Hybrids and Manufacturing Technology	079
DE	IEEE – Transactions on Ultrasonics, Ferroelectrics and Frequency Control	081
DE	Journal of Applied Physics	096
DE	Journal of Applied Polymer Science	097
DE	Journal of Chromatography	098

* Journal not included in the JOPAL project.

JOPAL "DISTRIBUTION-OF-WORK" LIST IN COUNTRY ORDER

Cooperating Office	Title	PCT No.
DE	The Journal of Organic Chemistry	103
DE	Journal of Organometallic Chemistry	104
DE	Measurement Science and Technology	106
DE	Journal of the Royal Netherlands Chemical Society	108
DE	Kunststoffe	110
DE	Modern Plastics International	122
DE	Philips Journal of Research	129
DE	Physical Review (A-B-C-D)	131
DE	Plastverarbeiter	132
DE	Solid-State Technology	150
DE	Stahl und Eisen	156
DE	Steroids: Structure, Function and Regulation	157
DE	Tetrahedron Letters	160
DE	VDI-Z/Zeitschrift für Integrierte Produktionstechnik	164
DE	Water Environment Research	165
DE	Radio Fernsehen Elektronik	181
DE	Gene	197
DE	Elektronik	204
DE	Messen und Prüfen	225
DE	VDI-Nachrichten	226
DE	Konstruktion	227
DE	Elektor	228
EP	Bioscience, Biotechnology and Biochemistry	005
EP	Journal of the American Ceramic Society	007
EP	Chemical Engineering	029
EP	Journal of the Chemical Society	032
EP	Industrial and Engineering Chemistry Research	083
EP	Journal of Agricultural and Food Chemistry	092
EP	Metal Finishing	117
EP	Playthings	133
EP	TAPPI Journal (ex-TAPPI)	158
EP	Textile Research Journal	163
EP	Nature	195
EP	Nucleic Acids Research	198
EP	Electronic Letters	202
EP	Computer Design	203
EP	Thin Solid Films	206
EP	Wescon Technical Papers	207
EP	Journal of Biological Chemistry	209
EP	Cancer Research	212
EP	Clinical Chemistry	215
EP	Journal of Immunology	216
EP	Embo Journal	217
EP	Cell	218
EP	Plant Physiology	223
EP	Technische Rundschau	224
EP	EDN (Electronic Technology for Engineers and Engineering Managers)	230
FR	Electrical Communication	047
FR	Bulletin de la Société chimique de France	170
FR	L'Onde électrique	171
GB	Electronics World	168
GB	Byte	221
JP	Chemical and Pharmaceutical Bulletin	028
JP	Bulletin of the Chemical Society of Japan	033
JP	Transactions of the Institute of Electronics, Information and Communication Engineers	085
JP	Japanese Journal of Applied Physics	090
JP	Kobunshi Ronbunshu	091

JOPAL "DISTRIBUTION-OF-WORK" LIST IN COUNTRY ORDER

Cooperating Office	Title	PCT No.
RU	AT&T Technical Journal	022
RU	Electronic Design	049
RU	Journal of Applied Chemistry of Russia	095
RU	Journal of General Chemistry of Russia	100
RU	Journal of Polymer Science	107
RU	Optics and Spectroscopy	127
RU	Polymer Science	134
RU	Review of Scientific Instruments	139
RU	Journal of Organic Chemistry of Russia	178
RU	Semiconductors	183
RU	Technical Physics Letters	185
RU	BBA Biochimica et Biophysica ACTA	210
SE	Aviation Week and Space Technology	020
US	Journal of the Acoustical Society of America	001
US	Power	135
US	SMPTE Journal	147
US	Xerox Disclosure Journal	189
US	Proceedings of the National Academy of Sciences of the USA	196
US	Science	199
US	Methods in Enzymology	213
US	BBRC Biochemistry, Biophysiology Research Community	214
US	Popular Mechanics	220
US	Biotechnology Abstracts	229

[End of Annex IV and of document]