

WIPO



PCT/TCO/IV/18.

ORIGINAL: English

DATE: November 19, 1974

WORLD INTELLECTUAL PROPERTY ORGANIZATION
GENEVA

PATENT COOPERATION TREATY

INTERIM COMMITTEE FOR TECHNICAL COOPERATION

Fourth Session: Geneva, November 14 to 19, 1974

REPORT

prepared by the International Bureau

INTRODUCTION

1. The PCT Interim Committee for Technical Cooperation (hereinafter referred to as "the Interim Committee") held its fourth session in Geneva from November 14 to 19, 1974.
2. The members of the Interim Committee are those States--40 in number--which have signed, or acceded to, the PCT, and, pursuant to a decision of the Executive Committee of the Paris Union, any other country which pledges a special contribution to the PCT budget. There is one State, Australia, which so far has qualified under the latter criterion. The following 21 States were represented: Austria, Belgium, Brazil, Canada, Denmark, Egypt, Finland, France, Germany (Federal Republic of), Hungary, Iran, Japan, Luxembourg, Netherlands, Norway, Soviet Union, Sweden, Switzerland, Syrian Arab Republic, United Kingdom, United States of America. The following 19 countries were not represented: Algeria, Argentina, Australia, Cameroon, Central African Republic, Chad, Holy See, Ireland, Israel, Italy, Ivory Coast, Madagascar, Malawi, Monaco, Philippines, Romania, Senegal, Togo, Yugoslavia.
3. Two intergovernmental organizations, the International Patent Institute (IIB) and the United Nations Conference on Trade and Development (UNCTAD), were represented by observers.
4. The following seven non-governmental organizations were represented by observers: International Association for the Protection of Industrial Property (AIPPI), Council of European Industrial Federations (CEIF), European Federation of Industrial Property Representatives of Industry (FEMIPPI), International Federation of Patent Agents (FICPI), International Federation of Inventor's Associations (IFIA), Union of Industries of the European Community (UNICE), Union of European Professional Patent Representatives (UNION).
5. The Institution of Electrical Engineers (INSPEC) was represented by an observer.
6. The number of participants was approximately 50. The list of participants is annexed to this report (Annex I).
7. The session was opened by the Director General of WIPO, Dr. Arpad Bogsch.

OFFICERS OF THE SESSION

8. The Interim Committee unanimously elected Mr. D. Gay (United Kingdom) as

Chairman, and Mr. L.E. Komarov (Soviet Union) and Mr. K-H. Hofmann (Federal Republic of Germany) as Vice-Chairmen.

9. Mr. P. Claus, Technical Counsellor, Head of ICIREPAT Section, WIPO, acted as Secretary of the Interim Committee.

AGENDA

10. The Interim Committee adopted the agenda as contained in document PCT/TCO/IV/1.Rev.2.

PCT MINIMUM DOCUMENTATION: NON-PATENT LITERATURE

11. Discussions were based on documents PCT/TCO/IV/2 and PCT/TCO/IV/15.

12. After a thorough discussion, the Interim Committee made the following decisions in respect of the minimum documentation referred to in PCT Rule 34.1(b) (iii):

(a) The list mentioned in that Rule should consist of the 169 periodicals listed in Annex II to this report. This list consists of the 158 periodicals referred to in document PCT/TCO/IV/2, paragraph 25(iv), plus the 10 periodicals listed in the Annex of document PCT/TCO/IV/15, plus, as an exception, the secondary publication "Chemical Abstracts."

(b) The "published items" referred to in that Rule should consist of those pertinent articles, abstracts and other contents of the listed periodicals which appear in issues whose publication date precedes by not more than five years the time at which any international search is effected.

13. It was understood that the prospective International Searching Authorities would, within the next six months, try to start including into their documentation any of the 169 periodicals which, at the present time, they did not collect. Within the same period, INSPEC would try to cover all the periodicals which its full-text PAL Service did not yet cover and which, in the field of PAL, were among the 169 periodicals. The question whether subscribing to the PAL Full-Text Copy Service replaced the need of subscribing to the periodicals covered by that Service would be examined after more experience had been gained on the quality of selection and classification of the PAL Full-Text Copy Service. It was also understood that the list now agreed upon would not, unless absolutely necessary, be revised before the entry into force of the PCT. When the PCT came into force, the decision of a final list would be a matter of agreement among the International Searching Authorities; however, it might and should be assumed that that list will be essentially the same as the one agreed upon now.

14. As to the age of each issue to be included in the minimum documentation, the Delegation of the Netherlands said that it would prefer ten years, and the Delegation of Canada seven years, rather than a term of five years. The Delegation of Switzerland intimated that a period longer than five years would be preferable particularly because, should the European Patent Office adopt, for the purposes of its procedures, a term longer than five years, the acceptance, without a supplementary search and without a supplementary fee of the PCT search reports, might become more difficult. It was unanimously agreed that the 5-year term referred to in paragraph 13, above, was a minimum and that it was, naturally, permitted to keep documents without any time limit as to their age and that any International Search Report might cite pertinent articles however old they were. It was noted that, consequently, the five-year time limit did not call for the elimination from the documentation of items older than five years, and the contrary, it was understood that any International Searching Authority would be well advised to keep in its documentation items of possible future usefulness regardless of their age.

15. The decisions referred to in paragraph 12, above, were expressly endorsed by each of the prospective International Searching Authorities present (Austria, Germany (Federal Republic of), Japan, Soviet Union, Sweden, United States of America, International Patent Institute) and were unanimously approved by the Interim Committee.

Frequency of citation of non-patent literature

16. Discussions were based on documents PCT/TCO/IV/3 and PCT/TCO/IV/14.

17. The Interim Committee took note of the newly submitted results of studies carried out by the Austrian Patent Office, the German Patent Office, the Soviet Office for Inventions and the IIB regarding the frequency of citation of non-patent literature in search reports, as well as of the summary prepared by the International Bureau on these and previous studies (Annex D to document PCT/TCO/IV/3).

18. The Delegation of the United States of America proposed that for the time being continuation of the statistical analysis of citations in search reports should not be pursued. It was felt that since agreement had been reached on a minimum list of non-patent literature, the ratio of citations might be quite different within a few years. It proposed that INSPEC should report regularly on the number of articles selected from the periodicals covered under the PAL project in order to establish a statistical basis of the value of certain periodicals for search purposes.

19. The representative of INSPEC declared that statistical data on the number of articles selected from all periodicals covered in the PAL project could easily be provided on a yearly basis. INSPEC also could provide periodically to its subscribers information on the new titles of periodicals and/or changes in titles of the periodicals which were covered in the PAL project.

20. The Delegations of the United Kingdom, the Soviet Union and the representative of the IIB supported the proposal made by the Delegation of the United States of America, but emphasized that a statistical analysis should not be the only source of information for studying the citation value of non-patent literature. It was more particularly felt that the questions raised in paragraph 11 of document PCT/TCO/IV/3 should be taken into account whenever the study was resumed.

21. The Interim Committee unanimously decided not to pursue this matter any further for the time being. It was noted, however, that the International Bureau would receive, in the meantime, any statistical analysis produced in this respect by INSPEC.

Patent Associated Literature (PAL) Project of INSPEC

22. Discussions were based on document PCT/TCO/IV/4, setting forth a progress report on the PAL project of INSPEC.

23. The representative of INSPEC confirmed that since March 1, 1974, INSPEC had been sending the PAL Full-Text Copy Service to the Patent Offices of Brazil, Germany (Federal Republic of), Japan and the United States of America. With reference to a Newsletter (No. 2/1974) on the PAL system which was distributed, he outlined the new services which had been derived from the Full-Text Copy Service as presently provided to the above-mentioned Offices, and which were being offered not only to Patent Offices but also to private subscribers and information centers, as follows:

(i) Information Sheets

This service consists of the information sheets which accompany the full-text copies of the articles covered by the existing service and which provide all bibliographic data of these articles as well as the relevant IPC symbol(s).

Availability: Immediate

Annual subscription fee: US \$4,000.

(ii) Magnetic Tapes

The magnetic tapes will contain a record of all articles covered by the existing service; each record will contain the title of the article and the author's name, particulars of the source

publication, the assigned IPC symbol(s), the document identification number (DIN) of the article and the INSPEC abstract; the magnetic tapes will use a record format which complies broadly with ISO Standard 2709 and will be offered both as 7 and 9 track tapes.

Availability: End of 1974 (complete data base from March 1, 1974, however, only available as of June 1975).

Annual subscription fee: US \$5,000 for subscribers to the PAL Full-Text Copy Service.
US \$8,000 for all other subscribers

(iii) Special Indexes

INSPEC is able to provide a wide variety of indexes on the PAL Full-Text Copy Service. The details of such indexes could be worked out with the assistance of potential subscribers.

In respect of the new services and more particularly in respect of the Special Indexes, the representative of INSPEC asked that any interested parties complete and return the questionnaire which was attached to the Newsletter.

24. The representative of INSPEC further stated that INSPEC was presently working on the expansion of the PAL Full-Text Copy Service to the fields of mechanical engineering and microbiology. The price for the expansion in the mechanical engineering area would amount to US \$17,000 (for each of the present subscribers). He asked the members of the Interim Committee to express their views, if any, in this respect.

25. The Interim Committee generally felt that with regard to the possible future expansion of the PAL Full-Text Copy Service, it was not in a position to express any definite views at the present time. However, the Interim Committee agreed with the proposal of the Director General that the question of expansion as well as the possible provision of the other services, outlined in paragraph 23, could best be explored on the occasion of new bilateral discussions which INSPEC was urged to undertake with interested Offices in order to broaden the basis of the PAL project. The Director General added that the International Bureau was ready to assist INSPEC further in this matter, as it had been doing in the past.

26. The Delegation of the Netherlands and the representative of the IIB, with reference to paragraph 5 of document PCT/TCO/IV/4, informed the Interim Committee that the random sample of the PAL material supplied by INSPEC to them in May 1974, had been found quite satisfactory both with regard to the quality of the selection of the articles made, as well as to their classification according to the IPC.

Treatment of Patent Families

27. Discussions were based on document PCT/TCO/IV/5.

28. On the basis of a proposal of the Delegation of the Netherlands, and after a thorough discussion, the Interim Committee agreed on the following principles:

- (i) PCT Rule 36.1(ii) does not require that all members of a patent family be physically present in the classified search files of the International Searching Authority.
- (ii) PCT Article 15(4) does not require that all documents disclosing the same relevant prior art (e.g. all members of a patent family) be discovered.
- (iii) PCT Rule 43.5(a) does not require that all documents disclosing the same relevant prior art (e.g. all members of a patent family) be cited.

29. Furthermore, also on the proposal of the representative of the Netherlands, the Committee agreed that the question which member or members of a patent

family should, while preserving the principles referred to in the preceding paragraph, be included in the classified search files, and which should be cited in any particular international search report, should be examined later, at the latest in connection with the drawing up of guidelines on international search.

30. The Delegation of Switzerland proposed that the member of the patent family to be cited should be that which is the most pertinent.

31. The decisions referred to in the two preceding paragraphs were expressly endorsed by each of the prospective International Searching Authorities present (Austria, Germany (Federal Republic of), Japan, Soviet Union, Sweden, United States of America, International Patent Institute) and were unanimously approved by the Interim Committee.

Patent documents referred to in PCT Rule 34.1(c)(vi)

32. Discussions were based on document PCT/TCO/IV/6.

33. The Interim Committee noted that the question raised by the Australian Patent Office with respect to the distribution of the ten sorted sets of Australian patent documents to the prospective International Searching Authorities had in the meantime been satisfactorily solved.

34. With regard to the ten sets of Austrian patent documents from July 26, 1971, onwards (beginning with document no. 314.950) which the Austrian Patent Office had been building up, the Delegations of Japan and the Soviet Union declared their interest in receiving a set of the sorted Austrian documents. The Delegation of the United Kingdom and the representative of the IIB stated that they would soon advise the Austrian Patent Office when they were ready to receive such a set.

35. The Delegation of Canada stated that sorted sets of Canadian patent documents were regularly sent to the IIB and the Soviet Union, and it proposed that Annex B of document PCT/TCO/IV/6 should be amended to reflect this situation. The Representative of the IIB confirmed that the patent documents being sent to the IIB by Canada are being introduced into the search files.

36. It was agreed that the International Bureau should ask the countries concerned, as a rule, not to sort out and place at the disposal of the International Searching Authorities documents published before 1970. In general, such documents were not desirable because they required reclassification according to the IPC. It should be clarified in each case from which date onwards the documents were offered and whether and as of what date they contained a classification according to the IPC.

37. With regard to the proposals made by the International Bureau in paragraph 11(b) and (c) of document PCT/TCO/IV/6, the Interim Committee felt that for the time being no further enquiries should be made to find out whether countries not having responded so far had decided that their patent documents should be included in the PCT minimum documentation under PCT Rule 34.1(c)(vi). It was, on the other hand, felt that particulars of the sorted collections of patent documents of Australia, Austria and Canada, such as the numbers of the documents and the availability of the IPC symbols on the documents, be compiled by the International Bureau. Inclusion of the said documents in the inventory of PCT minimum documentation should await the results of the survey on the said particulars.

Acquisition by the prospective PCT Authorities of the national patent documents referred to in PCT Rule 34

38. Discussions were based on document PCT/TCO/IV/7.

39. The Interim Committee agreed with the proposal made by the Delegation of the Netherlands that a questionnaire (no. 1 in the Annex to document PCT/TCO/IV/7) be sent to all prospective International Searching Authorities with the exception of Brazil (for which the relevant information was already known to the International Bureau), to ascertain the state of completeness of their search files. A three to four month deadline should be given for answering the questionnaire.

After that, the International Bureau would inquire whether any existing gaps could be filled by obtaining the missing documents from the other Offices.

40. The Delegation of Switzerland stated that once the missing Swiss patent documents had been given to the prospective International Searching Authorities, its Government was ready to hold any remaining document collections at the disposal of the developing countries (see also document PCT/TAS/IV/8, paragraph 22).

SEARCHING UNDER THE PCT

"Isolated" Searches and searching practices

41. Discussions were based on documents PCT/TCO/IV/9 and 10.

42. The Interim Committee, noting that the Questionnaire on Current Search Techniques, attached as Annex to document PCT/TCO/IV/10, had been discussed in detail at its third session, agreed with the proposal of the Director General to send the questionnaire to all prospective International Searching Authorities, after having made some amendments, in particular by replacing throughout the text the term "search techniques" by "search practices." Specific questions relating to the future practices of the European Patent Office should be addressed to the directly interested Offices with a view to their being drawn to the attention of the appropriate body within the framework of the Interim Committee of the European Patent Organization.

43. The Delegation of Austria pointed out that due regard should be given to the question whether the search practices reported upon would refer to searches performed in the framework of a patent examining procedure, or to searches performed in an "isolated" way, i.e. not in conjunction with and not necessarily involving a further examination procedure. The Interim Committee agreed with these views, and asked the German Patent Office and the IIB, which performed searches in an "isolated" way, to take this into account when reporting on their current search practices.

44. With regard to the comparison study proposed to be made on this question (see paragraph 5 of document PCT/TCO/IV/9), the Interim Committee noted a statement of the Director General that the International Bureau would prepare a comparative analysis including also the earlier reports of the German Patent Office and the International Patent Institute as well as any other relevant material available to the International Bureau once the replies on searching practices had been evaluated.

Test Searches

45. Discussions were based on document PCT/TCO/IV/11.

46. The International Bureau, in introducing its progress report on test searches, pointed to the decision of the Interim Committee at its third session, that a study should be made concerning the question whether the interested prospective International Searching Authorities, or at least one of them, were already sufficiently advanced in their preparations to make test searches meaningful. To this effect a draft questionnaire had been proposed in the Annex to document PCT/TCO/IV/11.

47. The Delegations of Japan, the Netherlands and the United States of America and the representative of the IIB declared that in their view both test searches in general and the sending of the proposed questionnaire in particular were premature. The reasons given for this opinion were mainly that no final decision on the minimum documentation had been taken, that the results of the survey referred to in paragraph 42 should first be fully assessed, and that the search "performance" under the PCT could best be tested on the basis of actual searches performed once the PCT was in force.

48. The Delegations of Germany (Federal Republic of) and the Soviet Union, although still convinced that the conducting of test searches at this time could serve a useful purpose, agreed that the question could be considered again at a later stage once the replies on searching practices had been evaluated.

49. The Interim Committee decided not to continue this item of the program for the time being.

Preparation of model search reports

50. Discussions were based on document PCT/TCO/IV/12.

51. The Interim Committee agreed that consideration of the question of the preparation of a model search report should be postponed until the final version of the international search report form was available. It was, however, felt that it would be particularly useful if in the meantime one or more of the prospective International Searching Authorities were prepared to test the draft of the international search report form before it was finalized on the basis of the results of an earlier search relating to a patent document which had already been published, to find out any practical problems which might arise in using the form. The IIB declared its readiness to undertake such a test.

GUIDELINES FOR THE PREPARATION OF ABSTRACTS

52. Discussions were based on document PCT/TCO/IV/8.

53. The Chairman stated that when the Technical Committee for Search Systems (TCSS) of ICIREPAT (which he was chairing as well) had prepared "Guidelines for the Preparation of Abstracts," the aim had been to establish general guidelines that could be used as widely as possible, without, however, taking into consideration the specific needs of certain Offices, or the PCT. It was thought that these specific needs could be added for each particular case in the form of specially adapted supplements to the Guidelines.

54. The International Bureau, pointing to the differences between the text proposed by the TCSS and the principles contained in the PCT, expressed the view that, if possible, the issuance of two or more recommendations on the same subject with different or even conflicting content should be avoided, especially if such texts originated from one and the same Organization.

55. The Delegations of the Netherlands and the United Kingdom agreed that two minor conflicts might exist, one in respect of the length of the abstracts, the second, in respect of statements regarding comparison with the prior art. They felt however that both these minor conflicts could easily be removed. Otherwise, there was perhaps a difference in content, but no conflict.

56. The Delegation of the Netherlands added that there were, as yet, no guidelines for abstracts in the framework of the European Patent Convention and that the early elaboration of PCT guidelines would be a particularly useful basis for the work to be performed by Working Party II of the Interim Committee of the European Patent Organization.

57. The Delegation of France made a reservation as to the length of the abstracts in the Guidelines. It explained that in its Office two standards were in existence, one standard providing for a longer abstract whenever the patent application contained no drawing; the other providing for a shorter abstract, applicable to the usual case of applications containing drawings. The maximum length proposed in the PCT Rules was not sufficient for the abstract without drawing. The Director General replied that PCT Rule 8.1(b) spoke of "preferably 50 to 150 words" and therefore did not exclude longer abstracts.

58. The Director General expressed the hope that it would be possible to draft Guidelines which were applicable for all purposes, whether for the PCT or for any national or regional Patent Offices. Unless overriding considerations existed, the Guidelines should be the same for all users. He therefore proposed that the competent Technical Committee of ICIREPAT should be asked to review the Guidelines on the basis of proposals for amendment made by the International Bureau. The proposals would be accompanied by a compilation of rules existing in national Offices on the drafting of abstracts. The Interim Committee agreed with this proposal.

59. The Chairman drew the attention of the Interim Committee to the check list on page 3 of Annex B to document PCT/TCO/IV/8. He expressed the hope that this check list would be included in any new draft Guidelines since it was of considerable practical value in assisting an abstractor in carrying out his work.

PROGRAM OF THE INTERIM COMMITTEE FOR 1975

60. It was decided that the program of the Interim Committee for 1975 should include the following questions:

- (i) continuation of the work in connection with the PAL project of INSPEC;
- (ii) survey on searching practices on the basis of a questionnaire and evaluation of the results of that survey, taking into account earlier reports on present search practice of the German Patent Office and the IIB, as well as other available relevant information;
- (iii) continuation of the work concerning documentation under Rule 34.1(c)(vi) of the PCT;
- (iv) survey relating to the determination of and the acquisition by the prospective PCT authorities of the minimum documentation required under Rule 34 of the PCT;
- (v) continuation of the work concerning Guidelines for the preparation of abstracts in cooperation with ICIREPAT;
- (vi) review of the compatibility and consistency of the solutions envisaged in the framework of the PCT, the European Patent Organization (EPO) and any other regional arrangement, as far as questions within the jurisdiction of the Interim Committee are concerned;
- (vii) survey of the availability of English language abstracts of patent documents of Japan and the Soviet Union;
- (viii) study of the question which member or members of a patent family should be included in the classified search files, and which member or members of a patent family should be cited in any particular international search report.

61. It was decided that the Standing Subcommittee of the Interim Committee should not be convened before the Interim Committee's next session in 1975.

ADMISSION OF OBSERVERS

62. The Interim Committee noted with approval the intention of the Director General to invite the International Federation for Documentation (FID) and the Patent Documentation Group (PDG) in an observer capacity to the sessions of the Interim Committee (paragraph 8 of document PCT/TCO/IV/13).

63. This report was unanimously adopted by the Interim Committee at its closing meeting on November 19, 1974.

[Annexes I and II follow]

LISTE DES PARTICIPANTS/
LIST OF PARTICIPANTS

I. ETATS/STATES

ALLEMAGNE (REPUBLIQUE FEDERALE D')/GERMANY (FEDERAL REPUBLIC OF)

- Dipl.-Ing. K.-H. HOFMANN (Head of Delegation for TAS and TCO)
Abteilungspräsident
German Patent Office
Berlin Branch
- Mr. U. C. HALLMANN (Head of Delegation for AAQ)
Regierungsdirektor
German Patent Office
Munich
- Mr. W. MASSALSKI
Oberregierungsrat
German Patent Office
Berlin Branch

AUTRICHE/AUSTRIA

- Mr. G. GALL
Oberkommissär
Federal Ministry for Trade, Commerce
and Industry
Section for Industrial Property
Vienna
- Mr. G. MAUTNER-MARKHOF
Third Secretary
Permanent Mission of Austria
Geneva

BELGIQUE/BELGIUM

- M. J. VERLINDEN
Secrétaire d'Administration
Service de la propriété industrielle
et commerciale
Ministère des Affaires économiques
Bruxelles

BRESIL/BRAZIL

- Mr. G. F. MARTINS
Secretary of Embassy
Brazilian Delegation
Geneva

CANADA

- Mr. R. B. MCKENZIE
Section Head
Electrical and Physical Sciences Division
Patent Office
Department of Consumer and Corporate Affairs
Hull, Quebec

DANEMARK/DENMARK

Mrs. D. SIMONSEN
Head of Department
Danish Patent Office
Copenhagen

Mrs. L. ØSTERBORG
Chief of Section
Danish Patent Office
Copenhagen

EGYPTE (REPUBLIQUE ARABE D')/EGYPT (ARAB REPUBLIC OF)

Mr. S. A. ABOU-ALI
First Secretary
Permanent Mission of Egypt
Geneva

ETATS-UNIS D'AMERIQUE/UNITED STATES OF AMERICA

Mr. R. F. BURNETT
Special Assistant to Assistant Commissioner
for Patents
United States Patent Office
Washington

Mr. H. D. HOINKES
Legislative and International Patent Specialist
United States Patent Office
Washington

Mr. L. O. MAASSEL
Patent Procedure Specialist
United States Patent Office
Washington

FINLANDE/FINLAND

Mr. E. WUORI
Deputy Director General
National Board of Patents and Registration
of Trade Marks
Helsinki

Mr. P. SALMI
Head of Section
National Board of Patents and Registration
of Trade Marks
Helsinki

FRANCE

M. R. LABRY
Conseiller d'Ambassade
Direction des Affaires économiques
et financières
Ministère des Affaires étrangères
Paris

M. P. GUERIN
Attaché de direction
Institut national de la propriété industrielle
Ministère de l'industrie, du commerce et
de l'artisanat
Paris

HONGRIE/HUNGARY

- Mr. E. TASNADI
President
National Office of Inventions
Budapest
- Mr. G. SZEMZÖ
Examiner
National Office of Inventions
Budapest

IRAN

- Mr. H. JAMSHIDI
Director General
Department for Registration of Companies
and Industrial Property
Ministry of Justice
Teheran

JAPON/JAPAN

- Mr. T. TAKEDA
Examiner
Applied Physics Division
Second Examination Department
Patent Office
Tokyo
- Mr. T. YOSHIDA
Japanese External Trade Organization (JETRO)
Düsseldorf
Germany (Federal Republic of)

LUXEMBOURG

- M. F. SCHLESSER
Ministère de l'économie nationale
Luxembourg

NORVEGE/NORWAY

- Mr. O. OS
Overingeniør
Norwegian Patent Office
Oslo

PAYS-BAS/NETHERLANDS

- M. J. DEKKER
Vice-président
Office des brevets
Rijswijk (ZH)

REPUBLIQUE ARABE SYRIENNE/SYRIAN ARAB REPUBLIC

- M. A. JOUMAN-AGHA
Ministre Conseiller
Mission permanente de la République
arabe syrienne
Genève

ROYAUME-UNI/UNITED KINGDOM

- Mr. D. G. GAY
Superintending Examiner
Patent Office
London
- Mr. A. F. C. MILLER
Principal Examiner
Patent Office
London
- Mr. R. SUMMERS
Senior Principal
Patent Office
London

SUEDE/SWEDEN

- Mr. L. TÖRNROTH
Primary Examiner
National Patent and Registration Office
Stockholm
- Mrs. E. HENRIKSSON
Legal Adviser
National Patent and Registration Office
Stockholm

SUISSE/SWITZERLAND

- M. R. KÄMPF
Chef de la Section du droit des brevets et
des dessins et modèles
Bureau fédéral de la propriété intellectuelle
Berne
- M. E. CAUSSIGNAC
Président d'une Section des recours
Bureau fédéral de la propriété intellectuelle
Berne
- M. M. LEUTHOLD
Chef de Section
Bureau fédéral de la propriété intellectuelle
Berne
- M. J. MIRIMANOFF-CHILIKINE
Collaborateur juridique
Bureau fédéral de la propriété intellectuelle
Berne

UNION SOVIETIQUE/SOVIET UNION

- Mr. L. E. KOMAROV
Deputy Chairman
State Committee for Inventions and Discoveries
of the USSR Council of Ministers
Moscow
- Mr. A. S. IGNATIEV
Expert
State Committee for Inventions and Discoveries
of the USSR Council of Ministers
Moscow
- Mrs. E. V. MAKHLUEVA
Deputy Head
International Patent Cooperation Division
All-Union Research Institute of State Patent
Examination
Moscow

II. ORGANISATIONS INTERGOUVERNEMENTALES/INTERGOVERNMENTAL ORGANIZATIONS

CONFERENCE DES NATIONS UNIES SUR LE COMMERCE ET LE DEVELOPPEMENT (CNUCED)/
UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT (UNCTAD)

Mr. P. ROFFE
Economics Affairs Officer
Transfer of Technology Branch
Geneva

INSTITUT INTERNATIONAL DES BREVETS (IIB)/INTERNATIONAL PATENT INSTITUTE

M. J. A. H. VOORTHUIZEN
Directeur Technique Adjoint
Rijswijk (Z.H.)

M. A. VANDECASTEELE
Conseiller au Service technique
Rijswijk (Z.H.)

III. ORGANISATIONS NON-GOUVERNEMENTALES/NON-GOVERNMENTAL ORGANIZATIONS

ASSOCIATION INTERNATIONALE POUR LA PROTECTION DE LA PROPRIETE INDUSTRIELLE (AIPPI)/
INTERNATIONAL ASSOCIATION FOR THE PROTECTION OF INDUSTRIAL PROPERTY (IAPIP)

Mr. M. MATHEZ
Director
F. Hofmann-La Roche & Co., Ltd.
Basle

CONSEIL DES FEDERATIONS INDUSTRIELLES D'EUROPE/COUNCIL OF EUROPEAN
INDUSTRIAL FEDERATIONS (CEIF)

Mr. D. LACHAT
Paris

Dr. R. KOCKLAEUNER
Hoechst A.G.
Wiesbaden-Biebrich

FEDERATION EUROPEENNE DES MANDATAIRES DE L'INDUSTRIE EN PROPRIETE INDUSTRIELLE (FEMIP)

Dr. F. A. JENNY
CIBA-GEIGY AG
Basle

Dr. R. KOCKLAEUNER

FEDERATION INTERNATIONALE DES INGENIEURS-CONSEILS EN PROPRIETE INDUSTRIELLE (FICPI)/
INTERNATIONAL FEDERATION OF PATENT AGENTS

M. P. O. LANGBALLE
Président d'Honneur de la FICPI
Copenhague

FEDERATION INTERNATIONALE DES ASSOCIATIONS D'INVENTEURS/INTERNATIONAL
FEDERATION OF INVENTORS ASSOCIATIONS (IFIA)

Dr. F. BURMESTER
Reutlingen
Germany (Federal Republic of)

Mr. H. ROMANUS
Chief Engineer
Stockholm

Mr. S.-E. ANGERT
Patent Agent
Stockholm

UNION DES INDUSTRIES DE LA COMMUNAUTE EUROPEENNE (UNICE)/UNION OF INDUSTRIES OF
THE EUROPEAN COMMUNITY

M. M. G. E. MEUNIER
Conseil d'industrie en propriété industrielle
ACEC
Service des brevets
Charleroi

Dr. R. KOCKLAEUNER

UNION DES MANDATAIRES AGREES EUROPEENS EN BREVETS/UNION OF EUROPEAN PROFESSIONAL
PATENT REPRESENTATIVES

M. A. R. EGLI
Conseiller en brevet
Zurich

Mr. W. F. SCHAAD
Patentanwalt
Zurich

IV. ORGANISATIONS OBSERVATEURS/OBSERVER ORGANIZATIONS

CENTRE INTERNATIONAL DE DOCUMENTATION EN MATIERE DE BREVETS/INTERNATIONAL
PATENT DOCUMENTATION CENTER (INPADOC)

Mr. G. RUBITSCHKA
Head
Commercial Department
Vienna

Mr. G. QUARDA
Assistant Technical Director
Vienna

THE INSTITUTION OF ELECTRICAL ENGINEERS (INSPEC)

Mr. R. B. COX
Manager
Product Development
Hitchin
United Kingdom

V. ORGANISATION MONDIALE DE LA PROPRIETE INTELLECTUELLE (OMPI)/WORLD INTELLECTUAL
PROPERTY ORGANIZATION (WIPO)

Dr. A. BOGSCH, Directeur général/Director General

Mr. K. PFANNER, Vice-Directeur général/Deputy Director General

Mr. P. CLAUS, Conseiller technique/Technical Counsellor, Chef de Section/Head of
Section, Division de la Propriété industrielle/Industrial Property
Division

Mr. J. FRANKLIN, Conseiller technique/Technical Counsellor, Chef de la Section PCT/
Head, PCT Section, Division de la Propriété industrielle/Industrial
Property Division

Mr. N. SCHERRER, Conseiller/Counsellor, Section PCT/PCT Section, Division de la
Propriété industrielle/Industrial Property Division

Mr. Y. GYRDYMOV, Assistant technique/Technical Officer, Section PCT/PCT Section,
Division de la Propriété industrielle/Industrial Property Division

Mr. F. IIZUKA, Consultant, Section PCT/PCT Section, Division de la Propriété
industrielle/Industrial Property Division

Mr. J. KOHNEN, Assistant juridique/Legal Officer, Section PCT/PCT Section,
Division de la Propriété industrielle/Industrial Property Division

[Fin de l'annexe I; l'annexe II suit]
[End of Annex I; Annex II follows]

ANNEX II

PCT MINIMUM LIST
OF
NON-PATENT LITERATURE
under PCT Rule 34.1(b)(iii)

Explanatory Notes

1. This Annex constitutes the alphabetical list of 169 periodicals constituting "published items of non-patent literature" within the meaning of PCT Rule 34.1(b)(iii). This list was agreed upon by the PCT Interim Committee for Technical Cooperation at its fourth session in Geneva from November 14 to 19, 1974 (see document PCT/TCO/IV/18, paragraph 12).
2. The structure of the alphabetical list is as follows:
 - (i) entries in the list are numbered consecutively by PCT serial number;
 - (ii) each entry is concerned with one periodical only and gives for each periodical
 - the original title of the periodical
 - the publisher
 - the address of the publisher;
 - (iii) the language of the periodical is indicated opposite the title: E stands for English, F for French, G for German, J for Japanese, R for Russian, S for Swedish.
3. The titles are arranged alphabetically, subject to the following:
 - (i) Where the title of the periodical contains the name of a learned society, association or organization, etc., the title appears in the listing under the name of the learned society, association, or organization, etc. e.g. Journal of the American Ceramic Society appears under American Ceramic Society, Journal.
 - (ii) The only secondary publication included as an exception in this list is indicated after the listing of the primary publications under PCT serial number 169.
 - (iii) 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, with the original title given in parenthesis. If no English edition exists, the original title is kept for purposes of the alphabetical list.
4. The alphabetical list is followed by a catchword index, subdivided into three main parts as follows:

<u>Chemical</u> :	catchwords relating to chemistry, chemical engineering, metallurgy, textiles, paper, foodstuffs, medicine and biology;
<u>Electrical and Physics</u> :	catchwords relating to electricity, electronics, communications, data processing, automation, control and instrumentation, lighting, nucleonics and physics;
<u>Mechanical</u> :	catchwords relating to mechanical and civil engineering, and other technology not included in the other two parts.

PCT Serial Number	ALPHABETICAL LIST	Language
1	Acoustical Society of America, Journal American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E
2	Acoustical Society of Japan, Journal (Nippon Onkyo Gakkaishi) The Acoustical Society of Japan (Nippon Onkyo Gakkaishi) Ikeda Building, 2-7-7, Yoyogi, Shibuya-ku, Tokyo, Japan	E* J
3	Acta Chemica Scandinavica Acta Chemica Scandinavica Munksgaard 47, Prags Boulevard, Copenhagen S, Denmark	E G
4	Aerosol Age Aerosol Publications Box 31, Caldwell, NY 07006, USA	E
5	Agricultural and Biological Chemistry The Agricultural Chemical Society of Japan (Nippon Nogel Kagaku) Gakkai Center Building, 4-16 Yayoi 2-chome, Bunkyo-ku Tokyo, Japan	E
6	Agricultural Machinery Journal Practical Press Ltd. Dorset Bldgs., Salisbury Square, London EC4, England	E
7	American Ceramic Society, Journal American Ceramic Society 4055 North High Street, Columbus, Ohio 43214, USA	E
8	American Chemical Society, Journal American Chemical Society 1145 Sixteenth Street, NW, Washington DC 20036, USA	E
9	American Dyestuff Reporter Howes Publishing Co. Inc. 44 E 23rd Street, New York, N.Y. 10010, USA	E
10	Analytical Chemistry American Chemical Society 1145 Sixteenth Street, NW, Washington DC 20036, USA	E
11	Angewandte Chemie Verlag Chemie GmbH Pappelallee 3, Weinheim/Bergstr., Federal Republic of Germany	E G
12	Applied Optics American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E
13	Applied Physics Letters American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E

* English abstracts only

** English of abstract and of part of text

PCT Serial Number	ALPHABETICAL LIST	Language
14	Archiv für technisches Messen R. Oldenbourg Rosenheimerstrasse 145, 8000 Munich 80, Federal Republic of Germany	G
15	ASEA Journal (ASEA Zeitschrift) (Orig. Swedish: ASEA's Tidning) Allmänna Svenska Elektriska AB Västerås, Sweden	E G S
16	ATZ (Automobiltechnische Zeitschrift) Franckh'sche Verlagshandlung Pfizerstr. 5, Stuttgart 0, Federal Republic of Germany	G
17	Automatic Welding (Automaticheskaya Svarka) The Welding Institute Abington Hall, Abington, Cambridge, England	E R
18	Automation and Remote Control (Automatika i Telemekanika) (Moskva) Consultants Bureau 227 West 17th Street, New York, NY 10011, USA	E R
19	Automobile Engineer Iliffe Transport Publications Ltd. Dorset House, Stamford Street, London SE1, England	E
20	Aviation Week and Space Technology McGraw Hill Inc. 330 W 42nd Street, New York, NY 10036, USA	E
21	Bell Laboratories Record Bell Telephone Laboratories Mountain Avenue, Murray Hill, NY 07974, USA	E
22	Bell System Technical Journal American Telephone and Telegraph Co. 195 Broadway, New York, NY 10007, USA	E
23	Brown-Boveri Review (B-B Mitteilungen) Brown Boveri Baden 5401, Switzerland	E G
24	Bulletin Academy Sciences USSR: Physical Series (Izvestiya Akademii Nauk SSSR: Seriya Fizicheskaya) Columbia Technical Translations 5 Vermont Avenue, White Plains, New York, NY 10606, USA	E R
25	Bulletin Academy Sciences USSR: Division of Chemical Sciences (Izvestiya Akademii Nauk SSSR: Seriya Khimicheskaya) Consultants Bureau Enterprises Inc. 227 West 17th Street, New York, NY 10011, USA	E R
26	Bulletin Schweizerischen Elektrotechnischen Vereins Schweizerischer Elektrotechnischer Verein Seefeldstrasse 301, 8008 Zurich, Switzerland	F G

PCT Serial Number	ALPHABETICAL LIST	Language
27	Chemical and Engineering News American Chemical Society 1155 16th Street, NW, Washington DC 20036, USA	E
28	Chemical Engineering McGraw Hill Inc. 330 West 42nd Street, New York, NY 10036, USA	E
29	Chemical Engineering, Japan (Kagaku Kogaku) The Society of Chemical Engineers, Japan (Kagaku Kogaku Kyokai) Kyoritsu Building, 6-19, Kohinata, 4-chome, Bunkyo-ku, Tokyo, Japan	E** J
30	Chemical Reviews American Chemical Society 1155 16th Street, NW, Washington DC 20036, USA	E
31	Chemical Society, Journal Chemical Society Burlington House, London W1, England	E
32	Chemical Society of Japan, Bulletin Chemical Society of Japan (Nippon Kagaku kai) No. 5, 1-Chome, Kanda-Surugadai, Chiyoda-ku, Tokyo, Japan	E
33	Chemical Society of Japan, Journal (Nippon Kagaku Kaishi) Chemical Society of Japan (Nippon Kagaku kai) No. 5, 1-Chome, Kanda-Surugadai, Chiyoda-ku, Tokyo, Japan	E* J
34	Chemical Society of Japan, Journal: Industrial Chemistry Section (Kogyo Kagaku Zasshi) Chemical Society of Japan (Nippon Kagaku kai) No. 5, 1-Chome, Kanda-Surugadai, Chiyoda-ku, Tokyo, Japan	E J
35	Chemie-Ingenieur-Technik Verlag Chemie GmbH Weinheim/Bergstrasse, Federal Republic of Germany	G
36	Chemiker Zeitung Dr. Alfred Hüthig Verlag GmbH Wilckensstrasse 3/5, Heidelberg, Federal Republic of Germany	G
37	Chemische Berichte Verlag Chemie GmbH Weinheim/Bergstrasse, Federal Republic of Germany	G
38	Chemistry and Industry Society of Chemical Industry 14 Belgrave Square, London SW1, England	E

PCT Serial Number	ALPHABETICAL LIST	Language
39	CIBA - Review (CIBA-Rundschau) CIBA Ltd. Klybeckstr. 141, 4000 Basel, Switzerland	E G
40	Civil Engineering American Society for Civil Engineers 345 E 47th Street, New York, NY 10017, USA	E
41	Collection of Czechoslovak Chemical Communications/ Collection des Travaux chimiques de Tchécoslovaquie Czechoslovak Academy of Sciences Flemingovo nam. 2, Prague 6, Czechoslovakia	E F G R
42	Compressed Air Compressed Air Magazine Co. 942 Memorial Parkway, Phillipsburg, NY 08865, USA	E F
43	Comptes Rendus Hebdomadaires Séances Académie Sciences, Séries A-B-C Gauthier Villars 55 Quai des Grands-Augustins, Paris 6, France	F
44	Control Morgan Grampian (Publishers) Ltd. 28 Essex Street, Strand, London WC2, England	E
45	Control Engineering Rueben H. Donnelly Corp. 466 Lexington Avenue, New York, NY 10017, USA	E
46	Doklady - Chemistry (Doklady Akademii Nauk SSSR - Khimiya) Consultants Bureau Enterprises Inc. 227 West 17th Street, New York, NY 10011, USA	E R
47	Electrical Communication International Telephone and Telegraph Corp. 320 Park Avenue, New York, N.Y. 10022, USA	E
48	Electrochemical Society, Journal Electrochemical Society 30 East 42nd Street, New York, NY 10017, USA	E
49	Electronic Design Hayden Publishing Co. Inc. 850 Third Avenue, New York, NY 10022, USA	E
50	Electronic Engineering Morgan Grampian (Publishers) Ltd. 28 Essex Street, Strand, London WC2, England	E
51	Electronics McGraw Hill Publishing Co. 330 West 42nd Street, New York, NY 10036, USA	E

PCT Serial Number	ALPHABETICAL LIST	Language
52	Elektrotechnik und Maschinenbau Elektrotechnischer Verein Österreichs Eschenbachgasse 9, A 1010 Vienna, Austria	G
53	Engineering Engineering, Chemical and Marine Press 33/39 Bowling Green Lane, London EC1, England	E
54	ETZ (Elektrotechnische Zeitschrift) VDE Verlag Bismarckstrasse 33, 1000 Berlin, Federal Republic of Germany	G
55	Fördern und Heben Krausskopf Verlag für Wirtschaft GmbH Lessingstr. 12-14, Mainz, Federal Republic of Germany	E F G
56	Funkschau Franzis Verlag Karlstrasse 37, 8 Munich 37, Federal Republic of Germany	G
57	Giesserei Giesserei Verlag GmbH Breite Str. 27, Postfach 3503, Düsseldorf, Federal Republic of Germany	G
58	Glass and Ceramics (Steklo i Keramika) Consultants Bureau 227 West 17th Street, New York, NY 10011, USA	E R
59	Glastechnische Berichte Deutsche Glastechnische Gesellschaft 6 Frankfurt/Main, Bockenheimer Landstr. 126, Federal Republic of Germany	G
60	Heating Piping and Air Conditioning Reinhold Publishing Corporation 10 S La Salle Street, Chicago, Ill. 60603, USA	E
61	IBM - Journal of Research and Development International Business Machines Corporation Armonk, New York, NY 10504, USA	E
62	IBM - Technical Disclosure Bulletin International Business Machines Corporation Box 218, Yorktown Heights, NY 10598, USA	E
63	IEEE - Journal of Quantum Electronics Institute of Electrical and Electronics Engineers 345 East 47th Street, New York, NY 10017, USA	E
64	IEEE - Journal of Solid State Circuits Institute of Electrical and Electronics Engineers 345 East 47th Street, New York, NY 10017, USA	E
65	IEEE - Proceedings Institute of Electrical and Electronics Engineers 345 East 47th Street, New York, NY 10017, USA	E

PCT Serial Number	ALPHABETICAL LIST	Language
66	IEEE - Spectrum Institute of Electrical and Electronics Engineers 345 East 47th Street, New York, NY 10017, USA	E
	IEEE - Transactions on: (address following No. 80)	
67	Aerospace and Electronic Systems	E
68	Audio and Electroacoustics	E
69	Automatic Control	E
70	Biomedical Engineering	E
71	Broadcast and Television Receivers	E
72	Communication Technology	E
73	Electron Devices	E
74	Electronic Computers	E
75	Geoscience Electronics	E
76	Instrumentation and Measurement	E
77	Microwave Theory and Techniques	E
78	Parts, Materials and Packaging	E
79	Power Apparatus and Systems	E
80	Sonics and Ultrasonics	E
	Institute of Electrical and Electronics Engineers 345 East 47th Street, New York, NY 10017, USA	
81	INCO-Nickel (INCOMOND Nickel Information) International Nickel Ltd. Thames House, London SW1, England	E F G
	Industrial and Engineering Chemistry: (address following No. 84)	
82	Fundamentals	E
83	Process Design and Development	E
84	Product Research and Development	E
	American Chemical Society 1155 Sixteenth Street, NW Washington DC 20036, USA	

PCT Serial Number	ALPHABETICAL LIST	Language
85	Institute of Electronics and Communication Engineers, Transactions, The Institute of Electronics Communication Engineers of Japan (Denshi tsushin Gakkai) 3-5-8 Shiba-koen, Minato-ku, Tokyo, Japan	E* J
86	Internationale Elektronische Rundschau Verlag für Radio-Foto-Kinotechnik Eichborndamm 141-167, 1 Berlin 52, Federal Republic of Germany	G
87	Iron and Steel Iliffe Specialist Publications Ltd. Dorset House, Stamford Street, London SE1, England	E
88	Iron and Steel Institute of Japan, Journal (Tetsu to Hagane) The Iron and Steel Institute of Japan (Nippon Tetsuko Kyokai) Keidanren Kaikan, 9-4 Otemachi 1-chome, Chiyoda-ku, Tokyo, Japan	E* J
89	Japanese Journal of Applied Physics (Oyo Butsuri) Physical Society of Japan Room 211, Kikai Shinko Bldg., 21 Shiba Koen, Minato-ko, Tokyo, Japan	E* J
90	Japanese Journal of Applied Physics Publication Office of Japanese Journal of Applied Physics Dai-2 Toyokaigi Bldg., 4-24-8, Shinbashi, Minato-ko, Tokyo, Japan	E J
91	Japanese Polymer Science and Technology (Kobunshi Ronbunshu) The Society of Polymer Science, Japan (Kobunshi Gakkai) Honshu Bldg., 12-8 Ginza 5-chome, Chuo-ko, Tokyo, Japan	E* J
92	Journal of Agricultural and Food Chemistry American Chemical Society 1155 16th Street, NW Washington DC 20036, USA	E
93	Journal of Analytical Chemistry USSR (Zhurnal Analiticheskoi Khimii) Consultants Bureau Enterprises Inc. 227 West 17th Street, New York, NY 10011, USA	E R
94	Journal of Applied Chemistry Society of Chemical Industry 14 Belgrave Square, London SW1, England	E
95	Journal of Applied Chemistry of the USSR (Zhurnal Prikladnoi Khimii) Consultants Bureau Enterprises Inc. 227 West 17th Street, New York, NY 10011, USA	E R

PCT Serial Number	ALPHABETICAL LIST	Language
96	Journal of Applied Physics American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E
97	Journal of Applied Polymer Science John Wiley and Sons Inc. 605 Third Avenue, New York, NY 10016, USA	E
98	Journal of Chromatography Elsevier Publishing Co. Box 211, Amsterdam, Netherlands	E F G
99	Journal of Electron Microscopy Japanese Society of Electron Microscopy (Nippon Denshi kenbikyō Gakkai) Japan Academic Societies Center, 4-16 Yayoi 2-chome, Bunkyo-ku, Tokyo, Japan	E
100	Journal of General Chemistry of the USSR (Zhurnal Obschei Khimii) Consultants Bureau Enterprises Inc. 227 West 17th Street, New York, NY 10011, USA	E R
101	Journal of Inorganic & Nuclear Chemistry Pergamon Press Headington Hill Hall, Oxford, OX3 OBW, England	E F G
102	Journal of Metals American Institute of Mining Metallurgical and Petroleum Engineers 345 East 47th Street, New York, NY 10017, USA	E
103	Journal of Nuclear Energy Pergamon Press Headington Hill Hall, Oxford, OX3 OBW, England	E
104	Journal of Organic Chemistry American Chemical Society 1155 16th Street, NW Washington DC, USA	E
105	Journal of Organometallic Chemistry Elsevier Publishing Co. Box 211, Amsterdam, Netherlands	E F G
	Journal of Physics (address following No. 107)	
106	Part B - Atomic and Molecular Physics	E
107	Part E - Journal of Scientific Instruments Institute of Physics and Physical Society 47 Belgrave Square, London SW1, England	E
108	Journal of Polymer Science John Wiley & Sons Inc. 605 Third Avenue, New York, NY 10016, USA	E F G

PCT Serial Number	ALPHABETICAL LIST	Language
109	Journal of the Royal Netherlands Chemical Society Recueil des Travaux Chimiques des Pays-Bas Burnierstraat 1, The Hague, Netherlands	E F G
110	Kautschuk & Gummi Verlag für Radio-Foto und Kinotechnik GmbH Eichborndamm 141-167, 1 Berlin 52, Federal Republic of Germany	G
111	Kunststoffe Carl Hanser Zeitschriftenverlag GmbH Kolbergerstr. 22, 8000 Munich 27, Federal Republic of Germany	G
112	Linde Reports of Science & Technology (Linde Berichte aus Technik und Wissenschaft) Linde AB Hildastr. 2-10, Wiesbaden, Federal Republic of Germany	E G
113	Machine Design Penton Publishing Co. Penton Building, Cleveland, Ohio 44113, USA	E
114	Machinery and Production Engineering Machinery and Production Engineering Clifton House 83, 117 Euston Road, London NW 1, England	E
115	Machines and Tooling (Stanki i instrument) Production Engineering Research Association Melton Mowbray, Leicestershire, England	E R
116	Measurement Techniques (Izmeritelnaya Tekhnika) Instrument Society of America 530 William Penn Place, Pittsburg, Pa. 15219, USA	E R
117	Melliand Textilberichte Melliand Textilberichte KG Rohrbacherstr. 76, Heidelberg, Federal Republic of Germany	G
118	Metal Finishing Metals & Plastics Publications Inc. 99 Kinderkamock Road, Westwood, NJ 07675, USA	E
119	Metal Sciences & Heat Treatment of Metals (Metallovedenie i Termicheskaiya Obrabotka Mettalov) Consultants Bureau, 227 W 17th Street, New York, NY 10011, USA	E R
120	Metallurgist (Metallurg) Consultants Bureau 227 W 17th Street, New York, NY 10011, USA	E R
121	Metalworking Production McGraw Hill Publishing Co. Ltd. McGraw Hill House, Maidenhead, Berks, England	E

PCT Serial Number	ALPHABETICAL LIST	Language
122	Modern Packaging McGraw Hill Publications 330 W 42nd Street, New York, NY 10036, USA	E
123	Modern Plastics McGraw Hill Inc. 330 West 42nd Street, New York, NY 10036, USA	E
124	NTZ - Communications Journal (Nachrichtentechnische Zeitschrift) VDE Verlag GmbH Bismarckstrasse 33, 1000 Berlin 12, Federal Republic of Germany	G
125	Nuclear Engineering Engineering, Chemical and Marine Press 33-39 Bowling Green Lane, London EC1, England	E
126	Optical Society of America, Journal Optical Society of America 335 East 45th Street, New York, NY 10017, USA	E
127	Optics and Spectroscopy (Optika i Spektroskopiya) Optical Society of America 335 East 45th Street, New York, NY 10017, USA	E R
128	Philips Research Reports and Supplements Philips Gloeilampenfabrieken Stratumsdijk 26, P.O.Box 76, Eindhoven, Netherlands	E
129	Philips Technical Review Philips Gloeilampenfabrieken Stratumsdijk 26, P.O.Box 76, Eindhoven, Netherlands	E
130	Physical Review American Physical Society 335 East 45th Street, New York, NY 10017, USA	E
131	Plastverarbeiter Zechner & Hüthig Verlag GmbH Postfach 68, 672 Speyer/Rhein, Federal Republic of Germany	G
132	Playthings McCready Publishing Co. 71 W 23rd Street, New York, NY 10010, USA	E
133	Polymer Science USSR (Vysokomolekulyarnye Soedineniya) Pergamon Press Headington Hill Hall, Oxford, OX3 OBW, England	E R
134	Power McGraw Hill Inc. 330 West 42nd Street, New York, NY 10036, USA	E E

PCT Serial Number	ALPHABETICAL LIST	Language
135	Power Farming Farmer and Stockbreeder Publications Ltd. Dorset House, Stamford Street, London SE1, England	E
136	Radio Engineering and Electronic Physics (Radioteknika i Elektronika) Institute of Electrical & Electronics Engineers 345 East 47th Street, New York, N.Y. 10017, USA	E R
137	RCA Review Radio Corporation of America RCA Laboratories Division, Princeton, NY 08540, USA	E
138	Regelungstechnik R. Oldenbourg Rosenheimer Strasse 145, 8 Munich 80, Federal Republic of Germany	G
139	Review of Scientific Instruments American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E
140	Rubber Chemistry and Technology American Chemistry Society Prince & Lemon Streets, Lancaster, Pa. 17604, USA	E
141	Russian Chemical Review (Uspekhi Khimii) Chemical Society Burlington House, London, England	E R
142	Russian Engineering Journal (Vestnik Mashinostroeniya) Production Engineering Research Assn. Melton Mowbray, Leicestershire, England	E R
143	SAE - Journal (Soc. Automotive Engineers) Society of Automotive Engineers 485 Lexington Avenue, New York, NY 10017, USA	E
144	Scientific American Scientific American 415 Madison Avenue, New York, NY 10017, USA	E
145	Siemens Review (Siemens Zeitschrift) Siemens Aktiengesellschaft Postfach 325, 8520 Erlangen 2, Federal Republic of Germany	E G
146	SMPTE - Journal SMPTE (Soc. Motion Picture and Television Engineers) 9 East 41st Street, New York, NY 10017, USA	E
147	Society of Dyers and Colourists, Journal Society of Dyers and Colourists 19 Picadilly, Bradford, Yorks., England	E

PCT Serial Number	ALPHABETICAL LIST	Language
148	Solid State Electronics Pergamon Press Headington Hill Hall, Oxford, OX3 OBW, England	E
149	Solid State Technology Solid State Technology Vanderventer Avenue, Port Washington, Long Island, NY 11050, USA	E
150	Soviet Journal of Atomic Energy (Atomnaya Energiya) Consultants Bureau Enterprises Inc. 227 West 17th Street, New York, NY 10011, USA	E R
151	Soviet Physics - Acoustics (Akusticheskii Zhurnal) American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E R
152	Soviet Physics - Doklady (Doklady Akademii Nauk SSSR - Fizika) American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E R
153	Soviet Physics - Solid State (Fizika Tverdogo Tela) American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E R
154	Soviet Physics - Technical Physics (Zhurnal Tekhnicheskoi Fiziki) American Institute of Physics 335 East 45th Street, New York, NY 10017, USA	E R
155	Soviet Rubber Technology (Kauchuk i Rezina) Palmerton Publishing Corp. Inc. 101 West 31st Street, New York, NY 10001, USA	E R
156	Stahl und Eisen Verlag Stahl Eisen mbH Postfach 8229, Breite Str. 27, Düsseldorf, Federal Republic of Germany	G
157	Steroids Holden Day Inc. 500 Sansome Street, San Francisco, Calif. 94111, USA	E
158	TAPPI Techn. Assocn. Pulp and Paper Industry 360 Lexington Avenue, New York, NY 10017, USA	E
159	Tetrahedron Pergamon Press Headington Hill Hall, Oxford, OX3 OBW, England, and 122 E 55th Street, New York, NY 10022, USA	E F G

PCT Serial Number	ALPHABETICAL LIST	Language
160	Tetrahedron Letters Pergamon Press Headington Hill Hall, Oxford, OX3 OBW, England, and 122 E 55th Street, New York, NY 10022, USA	E F G
161	Textil Praxis Konradin Verlag Robert Kohlhammer GmbH Danneckerstr. 52, Stuttgart, Federal Republic of Germany	E G
162	Textile Manufacturer Emmot & Co. Ltd. 31 Kind Street W, Manchester 3, England	E
163	Textile Research Journal Textile Research Institute Box 625, Princeton, NJ 08540, USA	E
164	VDI-Zeitschrift (Verein Deutscher Ingenieure) Verlag des Vereins Deutscher Ingenieure Graf Recke Strasse 84, 4 Düsseldorf 1, Federal Republic of Germany	G
165	Water Pollution Control Federation, Journal Water Pollution Control Federation 3900 Wisconsin Avenue NW, Washington DC 20016, USA	E F G
166	Westinghouse Engineer Westinghouse Engineer P.O.Box 2278, 3 Gateway Center, Pittsburg, Pa. 15230, USA	E
167	Wireless World IPC Electrical-Electronic Press Dorset House, Stamford Street, London SE1, England	E
168	Wiggin Nickel Alloys (W.N. Rundschau) Henry Wiggin & Co. Ltd. Hereford, England	E G
169	Chemical Abstracts American Chemical Society 1155 16th St., N.W. Washington DC, 20036, USA	E

Chemical Field

Chimie

Aerosol 5-EG
 Ceramics 8, 58-ER
 Chemistry
 General 3-EG, 8, 25-ER, 27, 30
 31, 32, 33-EJ, 34-EJ, 35-G
 36-G, 37-G, 38, 39-EG,
 46-ER, 100-ER, 169
 Agriculture 5-EG, 92
 Analytical 10, 93-ER
 Applied 11-G, 94, 95-ER
 Engineering 27, 28, 29-EJ, 35-G, 82, 83,
 84
 Food 92
 Industrial 82, 83, 84
 Inorganic 101-ER
 Nuclear 101-ER
 Organic 104, 159, 160
 Organometallic 105-EFG
 Coloring 147
 Dyestuffs 9, 147
 Electrochemistry 48
 Food 92
 Glass 58-ER, 59-G
 Heat treatment of metals 119-ER
 Iron 87, 88-EJ, 156-G
 Metallurgy 120-ER
 Metals 102, 119-ER
 Nickel 81-EFG, 168-EG
 Paper 158
 Plastics 111, 123
 Polymer(s) 91-EJ, 97, 108, 133-ER
 Pulp 158
 Rubber 110-G, 140, 155-ER
 Steel 81, 156-G
 Steroids 157
 Technology 35
 Textiles 117-G, 161-EG, 162
 Water Pollution 165-EFG
 Welding 17-ER

Electrical and Physics Field

Electricité et Physique

Acoustics 1, 2-EJ, 68
 Atomic Energy 103, 150-ER
 Audio 68
 Automation 18-ER, 69
 Biomedical engineering 70
 Chromatography 98
 Communication 47, 85-EJ, 72
 Computers 61, 74
 Control 18-ER, 44, 45, 69, 138
 Electroacoustics 68
 Electronics
 aerospace 67
 data processing 138-G
 design 49
 devices 73
 engineering 50, 85-EJ
 general 21, 22, 51, 62, 64, 65,
 86-EG, 129, 136-ER, 137
 geoscience 75
 quantam 63
 research and development 61
 solid state 64, 148, 149
 Electrotechnology
 general 15-EGS, 23-EG, 26-FG,
 52-G, 54-G, 65, 145-EG
 Instrumentation 76, 107, 139
 Measuring 14-G, 76, 99-EJ, 116-ER
 Microwaves 77
 Motion Picture 146
 Nuclear engineering 125
 Optics
 general 126, 127-ER
 applied 12
 Physics
 general 24-ER, 130, 151-ER, 152-ER
 applied 13, 89-EJ, 90-EJ, 96
 solid state 106, 153-ER
 Power
 apparatus 79
 system 79
 Radio 56-G, 71, 136-ER, 167
 Research 61, 128
 Science
 general 43-F, 112-G, 144
 80
 Sonics 127-ER
 Spectroscopy 56-G
 Telegraphy 71, 146
 Television 112-G
 Ultrasonics 80

Mechanical Field

Mécanique

Agriculture
 Machines 6, 135
 Airconditioning 60
 Automobiles 16-G, 19, 143
 Aviation 20
 Civil Engineering 40
 Compressed air 42-EF
 Conveying 55-G
 Engineering
 General 53, 164-G, 142-ER
 55-G
 Lifting 113, 114, 115-ER
 Machines 52-G, 113
 Mechanical Engineering 57
 Foundry 60
 Heating 121
 Metal
 working 118
 finishing 78, 122
 Packaging 60
 Piping 131-G
 Plastics working 132
 Playthings (toys and games) 135
 Powerfarming 114
 Production engineering 20
 Space Technology 115-ER
 Tooling

Explanatory Notes:

The numbers refer to the PCT serial numbers of the periodicals as indicated in this Annex.

All numbers not followed by letters refer to English language publications. The letters F, G, J, R and S stand for publications originally published in French (F), German (G), Japanese (J), Russian (R) or Swedish (S). Whenever an edition or abstracts also exist in English, an 'E' is added.

Notes explicatives :

Les numéros indiqués sont les numéros de série PCT attribués aux périodiques, tels qu'ils figurent dans la présente annexe.

Tous les numéros qui ne sont pas suivis d'une lettre se rapportent à des périodiques en langue anglaise. Les lettres F, G, J, R et S désignent les publications initialement publiées en français (F), allemand (G), japonais (J), russe (R) ou Suédois (S). La lettre "E" est ajoutée lorsqu'il existe également une édition ou des abrégés en langue anglaise.