

Special Union for the International Patent Classification (IPC Union) IPC Revision Working Group

**Thirty-Eighth Session
Geneva, November 13 to 17, 2017**

REPORT

adopted by the Working Group

INTRODUCTION

1. The IPC Revision Working Group (hereinafter referred to as “the Working Group”) held its thirty-eighth session in Geneva from November 13 to 17, 2017. The following members of the Working Group were represented at the session: Brazil, Canada, China, Estonia, France, Germany, Greece, Ireland, Italy, Japan, Norway, Republic of Korea, Romania, Russian Federation, Spain, Sweden, Switzerland, United Kingdom, United States of America, the African Regional Intellectual Property Organization (ARIPO), the European Patent Office (EPO) (22). Hungary was represented as an observer. European Law Students’ Association (ELSA International) was represented. The list of participants appears as Annex I to this report.

2. The session was opened by Mr. K. Fushimi, Director, International Classifications and Standards Division.

OFFICERS

3. Mrs. N. Xu (WIPO) acted as Secretary of the session.

ADOPTION OF THE AGENDA

4. The Working Group adopted the draft agenda with minor changes, which appears as Annex II to this report.

DISCUSSIONS, CONCLUSIONS AND DECISIONS

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

REPORT ON THE SEVENTEENTH SESSION OF THE IP5 WG1-WORKING GROUP ON CLASSIFICATION

6. The Working Group noted an oral report by Japan on behalf of the FiveIPOffices.

7. It was noted that, during the seventeenth session of the IP5 WG1, the IP5 offices agreed to promote six IP5 projects (F projects) to the IPC phase, namely: F 094, F 096, F 097, F 099, F 100 and F 103.

8. The Working Group further noted that the JPO, on behalf of the FiveIPOffices, would post, to the IPC e-forum (hereinafter referred to as the “e-forum”) under project CE 456, a list of all ongoing IP5 projects and proposals, in order to avoid overlap between the IPC revision requests and the IP5 ongoing revision activities.

IPC REVISION PROGRAM

The Working Group discussed 34 revision projects, namely: [C 486](#), [C 487](#), [C 488](#), [C 489](#), [C 490](#), [C 491](#), [F 044](#), [F 047](#), [F 048](#), [F 050](#), [F 053](#), [F 055](#), [F 059](#), [F 061](#), [F 062](#), [F 065](#), [F 066](#), [F 067](#), [F 068](#), [F 069](#), [F 070](#), [F 073](#), [F 077](#), [F 078](#), [F 079](#), [F 083](#), [F 084](#), [F 085](#), [F 086](#), [F 087](#), [F 088](#), [F 090](#), [F 091](#), and [F 092](#).

9. The status of those projects and the list of future actions and deadlines are indicated in the corresponding projects on the e-forum. All decisions, observations and technical annexes are available in the “Working Group Decision” annexes of the corresponding projects on the e-forum.

10. Rapporteurs of revision projects were reminded to review systematically the references in the revised areas of the revision projects and to provide proposals for removal of Non-Limiting References (NLRs) from the scheme if any, together with the revision proposal, as well as to provide definitions where needed (see Annex VII to document IPC/CE/47/2).

11. The Working Group recalled its decision at the thirty-sixth session concerning the procedure on the use of the IPCRMS and the e-forum, and strongly encouraged offices to start using the IPCRMS following the agreed procedures (see Annex III to document IPC/WG/36/2). The Working Group also invited the International Bureau to apply the deadlines for actions to be followed by offices in a strict manner, in order to assure effective and efficient discussions during the physical Working Group sessions.

IPC DEFINITIONS PROGRAM

12. The Working Group discussed two definition projects, namely: [D 310](#) and [D 311](#).

13. The status of those projects and the list of future actions and deadlines are indicated in the corresponding projects on the e-forum. All decisions, observations and technical annexes are available in the “Working Group Decision” Annexes of the corresponding projects on the e-forum.

14. The Working Group noted that guidelines for drafting definitions would need to be updated in order to provide more detailed instructions, and in particular, on how to draft definitions at subclass, main group and subgroup level with respect to limiting references under the heading “References” and their relationship with the scheme. The Working Group invited proposals to be submitted under project [CE 455](#) to modify the said guidelines to be submitted to the Committee for its consideration.

IPC MAINTENANCE

15. The Working Group discussed 16 maintenance projects, namely: [M 611](#), [M 617](#), [M 619](#), [M 769](#), [M 774](#), [M 775](#), [M 776](#), [M 778](#), [M 779](#), [M 780](#), [M 781](#), [M 782](#), [M 783](#), [M 784](#), [M 785](#) and [M 786](#).

16. The status of those projects and the list of future actions and deadlines are indicated in the corresponding projects on the e-forum. All decisions, observations and technical annexes are available in the “Working Group Decision” Annexes of the corresponding projects on the e-forum.

17. The Working Group repeated its invitation to Offices to initiate proposals for the removal of NLRs from the scheme on a voluntary basis under maintenance projects (M 200 to M 500). Volunteering offices were invited to inform the International Bureau about the subclasses where they intended to carry out the task for the removal of NLRs in order to allow the creation of the corresponding maintenance projects on the e-forum.

18. The Secretariat indicated that an updated table summarizing the status of the removal of NLRs from the scheme would be posted to project file [WG 191](#).

UPDATES ON IPC-RELATED IT SUPPORT

19. The Working Group noted a short [presentation](#) by the International Bureau on the updates of various IT systems and projects supporting the IPC.

20. The Working Group was informed about the upgrade of the IPC publication platform (IPCPUB 7), which had been implemented for the IPC 2018.01 early publication and had also been deployed by some offices for the publication of their national translations of the IPC.

21. The International Bureau announced the development of a prototype for automatic text categorization in the IPC (IPCCAT) at subgroup level.

22. The Working Group noted that the IPC 2018.01 Working Lists with 1.3 million patent families to be reclassified were uploaded in IPCRECLASS according to the current Working Lists distribution algorithm and that the reclassification for the IPC-2007 and IPC-2008 was completed.

23. The International Bureau also indicated that according to IPCRECLASS, the total amount of backlog of IPC reclassification, i.e. 3.7 million of patent families, would be considered for the future IPC Working List Management Solution (IPCWLMS) integrating the newly adopted Working List distribution algorithm.

NEXT SESSION OF THE WORKING GROUP

24. The Working Group, having assessed the workload expected for its next session, agreed to devote Monday, Tuesday and Wednesday morning to the electrical field; Wednesday afternoon and Thursday morning to the chemical field and Thursday afternoon and Friday to the mechanical field.

25. The Working Group noted the following tentative dates for its thirty-ninth session:

April 23 to 27, 2018.

26. This report was unanimously adopted by the Working Group by electronic means on December 15, 2017.

[Annexes follow]

LISTE DES PARTICIPANTS/LIST OF PARTICIPANTS

I. ÉTATS MEMBRES/MEMBER STATES

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

ALLEMAGNE/GERMANY

Oliver STEINKELLNER (Mr.), Head, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Armin BARTHEL (Mr.), Senior Patent Examiner, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Axel KRAUSE (Mr.), Senior Patent Examiner, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

Michael MAURUS (Mr.), Senior Patent Examiner, Classification Systems Section, German Patent and Trade Mark Office (DPMA), Munich

BRÉSIL/BRAZIL

Camilo GOMES (Mr.), Patent Examiner, Patent Directorate, National Institute of Industrial Property, Ministry of Industry, Foreign Trade and Services (INPI), Rio de Janeiro

CANADA

Nancy BEAUCHEMIN (Ms.), gestionnaire de programme - International, Direction des brevets, Innovation, Sciences et Développement Économique Canada (ISDE), Gatineau

CHINE/CHINA

LI Xiao (Ms.), Principal Staff Delegation, Patent Documentation Department, State Intellectual Property Office of the People's Republic of China (SIPO), Beijing

WANG Wenjing (Ms.), Deputy Chief Staff, China Patent Technology Development Corporation, State Intellectual Property Office of the People's Republic of China (SIPO), Beijing

CHEN Yiping (Mr.), Classification Examiner, China Patent Technology Development Corporation, State Intellectual Property Office of the People's Republic of China (SIPO), Beijing

HE Xiulian (Ms.), Patent Examiner, Patent Examination Cooperation Beijing Center, State Intellectual Property Office of the People's Republic of China (SIPO), Beijing

ESPAGNE/SPAIN

Elena PINA (Sra.), Técnica Superior Examinadora de Patentes, División de física y de patentes eléctricas, Ministerio de Industria, Energía y Turismo, Oficina Española de Patentes y Marcas (OEPM), Madrid

ESTONIE/ESTONIA

Tiina LILLEPOOL (Ms.), Principal Examiner, The Estonian Patent Office, Tallinn

ÉTATS-UNIS D'AMÉRIQUE/UNITED STATES OF AMERICA

Yen NGUYEN (Ms.), International Patent Classifier, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Matthew BROOKS (Mr.), Delegate, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

Sue LIU (Ms.), Delegate, United States Department of Commerce, United States Patent and Trademark Office (USPTO), Alexandria

FÉDÉRATION DE RUSSIE/RUSSIAN FEDERATION

Zoya VOYTSEKHOVSKAYA (Ms.), Senior Researcher, Federal Institute of Industrial Property (FIPS), Federal Service for Intellectual Property Rospatent, Moscow

FRANCE

Magalie MATHON (Mme), chargée de mission CIB, Département des brevets, Institut National de la Propriété Industrielle (INPI), Courbevoie

David DURIEZ (M.), expert en chimie, Département des brevets, Institut National de la Propriété Industrielle (INPI), Courbevoie

Hanane EL HARRAK (Mme), experte en électricité, Département des brevets, Institut National de la Propriété Industrielle (INPI), Courbevoie

Philippe MARCEL (M.), expert en chimie, Département des brevets, Institut National de la Propriété Industrielle (INPI), Courbevoie

GRÈCE/GREECE

Evangelos GIANNAKOPOULOS (Mr.), Senior Examiner, Patent Office Industrial Property Organization (OBI), Athens

IRLANDE/IRELAND

Fergal BRADY (Mr.), Senior Patent Examiner, Patents Office, Department of Business, Enterprise and Innovation, Kilkenny

ITALIE/ITALY

Lara CRISTOFANELLI (Mme), Patent Examiner, National, European and International Patent Division, Italian Patent and Trademark Office, Rome

Enrico PORCARO (Mr.), Patent Examiner, National, European and International Patent Division, Italian Patent and Trademark Office, Rome

JAPON/JAPAN

Hiroki WATANABE (Mr.), Deputy Director, Patent Classification Policy Planning Section, Administrative Affairs Division, Japan Patent Office (JPO), Tokyo

Keiji TORII (Mr.), Classification Project Coordinator (Chemistry), Patent Classification Policy Planning Section, Administrative Affairs Division, Japan Patent Office (JPO), Tokyo

Ryuichi KIMURA (Mr.), Classification Project Coordinator (Physics), Patent Classification Policy Planning Section, Administrative Affairs Division, Japan Patent Office (JPO), Tokyo

Kansai MCILROY (Mr.), Classification Project Coordinator (Machinery), Patent Classification Policy Planning Section, Administrative Affairs Division, Japan Patent Office (JPO), Tokyo

Soichiro SUZUKI (Mr.), Classification Project Coordinator (Electricity), Patent Classification Policy Planning Section, Administrative Affairs Division, Japan Patent Office (JPO), Tokyo

MEXIQUE/MEXICO

Pablo ZENTENO MÁRQUEZ (Sr.), Especialista "A" en Propiedad Industrial, Instituto Mexicano de la Propiedad Industrial (IMPI), México

NORVÈGE/NORWAY

Björn TISTHAMMER (Mr.), Senior Examiner, Patent Department, Norwegian Industrial Property Office (NIPO), Oslo

RÉPUBLIQUE DE CORÉE/REPUBLIC OF KOREA

LEE Eunkyoo (Mr.), Deputy Director, Patent Examination Policy Department, Korean Intellectual Property Office (KIPO), Daejeon

KIM Bocheol (Mr.), Deputy Director, Korean Intellectual Property Office (KIPO), Daejeon

CHO YeongKu (Mr.), Senior Staff, Examination Assistance Team, Patent Information Promotion Center (PIPC), Daejeon

JUNG ByungTe (Mr.), Principal Staff, Examination Assistance Team, Patent Information Promotion Center (PIPC), Daejeon

ROUMANIE/ROMANIA

Adrian NEGOIȚĂ (Mr.), Director, Patents and Innovation Support Directorate, Romanian State Office for Inventions and Trademarks (OSIM), Bucharest

Radu CORNEA (Mr.), Examiner, Mechanics Substantive Examination Division, Romanian State Office for Inventions and Trademarks (OSIM), Bucharest

ROYAUME-UNI/UNITED KINGDOM

Huw THOMAS (Mr.), Senior Patent Examiner, Patents Division, United Kingdom Intellectual Property Office, Newport

William RIGGS (Mr.), Patent Examiner, United Kingdom Intellectual Property Office, Newport, Gwent

SUÈDE/SWEDEN

Anders BRUUN (Mr.), Patent Expert, Swedish Patent and Registration Office (SPRO), Stockholm

Moa EMLING (Ms.), Senior Patent Examiner, Swedish Patent and Registration Office (SPRO), Stockholm

Tomas LUND (Mr.), Senior Patent Examiner, Swedish Patent and Registration Office (SPRO), Stockholm

SUISSE/SWITZERLAND

Pascal WEIBEL (M.), chef Examen, Division des brevets, Institut fédéral de la propriété intellectuelle, Berne

François LOISEAU (M.), expert en brevet, Division des brevets, Institut fédéral de la propriété intellectuelle, Berne

Philippe TATASCIORE (M.), expert en brevet, Division des brevets, Institut fédéral de la propriété intellectuelle, Berne

II. ÉTAT OBSERVATEUR/OBSERVER STATE

HONGRIE/HUNGARY

Ildiko DIOSPATONYI (Ms.), Patent Examiner, Patent Department, Hungarian Intellectual Property Office (HIPO), Budapest

Zsuzsanna TOROCSIK (Ms.), Patent Examiner, Patent Department, Hungarian Intellectual Property Office (HIPO), Budapest

III. ORGANISATIONS MEMBRES/MEMBER ORGANIZATIONS

ORGANISATION EUROPÉENNE DES BREVETS (OEB)/EUROPEAN PATENT ORGANISATION (EPO)

Christian KÖNIGSTEIN (Mr.), Classification Board Member for Electricity and Physics, Classification Board, Rijswijk

Agnès GAMEZ MERLE (Ms.), Classification Board Member Section Chemistry, Classification, Rijswijk

Siegmar KARDINAL (Mr.), Classification Board Member for Chemistry, Classification and Documentation, Rijswijk

Joachim LEPERS (Mr.), Classification Board Member for Mechanics, Classification Board, Munich

Jérôme TERRIER DE LA CHAISE (Mr.), Classification Board Member for Mechanics, Classification Board, Rijswijk

Norbert WIENOLD (Mr.), Classification Board Member for Electricity and Physics, Classification Board, Munich

ORGANISATION RÉGIONALE AFRICAINE DE LA PROPRIÉTÉ INTELLECTUELLE (ARIPO)/AFRICAN REGIONAL INTELLECTUAL PROPERTY ORGANIZATION (ARIPO)

Ahmed IBRAHIM (Mr.), Senior Patent Examiner, Industrial Intellectual Property Directorate, Harare

IV. ORGANISATION NON-GOUVERNAMENTALE/NON-GOUVERNAMENTAL ORGANIZATION

ASSOCIATION EUROPÉENNE DES ÉTUDIANTS EN DROIT (ELSA INTERNATIONAL)/EUROPEAN LAW STUDENTS' ASSOCIATION (ELSA INTERNATIONAL)

Maria-Cristina DINU (Ms.), Head of Delegation, Brussels

Ceren ÇETIR (Ms.), Delegate, Brussels

Ymane GLAOUA (Ms.), Delegate, Brussels

Morten Elmerdahl Rix OLSEN (Mr.), Delegate, Brussels

Merve ÖZTÜRK (Ms.), Delegate, Brussels

V. BUREAU/OFFICERS

président/Chair: Fergal BRADY (M./Mr.) (IRLANDE/IRELAND)

vice-président/
Vice-Chair: Eunkyuu LEE (M./Mr.)(RÉPUBLIQUE DE CORÉE/REPUBLIC OF KOREA)

secrétaire/Secretary: XU Ning (Mme/Mrs.) (OMPI/WIPO)

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

Kunihiko FUSHIMI (M./Mr.), directeur de la Division des classifications internationales et des normes, Secteur de l'infrastructure mondiale/Director, International Classifications and Standards Division, Global Infrastructure Sector

Patrick FIÉVET (M./Mr.), chef de la Section des systèmes informatiques, Division des classifications internationales et des normes, Secteur de l'infrastructure mondiale/Head, IT Systems Section, International Classifications and Standards Division, Global Infrastructure Sector

XU Ning (Mme/Mrs.), chef de la Section de la classification internationale des brevets (CIB), Division des classifications internationales et des normes, Secteur de l'infrastructure mondiale/Head, International Patent Classification (IPC) Section, International Classifications and Standards Division, Global Infrastructure Sector

Rastislav MARČOK (M./Mr.), administrateur principal de la classification des brevets de la Section de la classification internationale des brevets (CIB), Division des classifications internationales et des normes, Secteur de l'infrastructure mondiale/Senior Patent Classification Officer, International Patent Classification (IPC) Section, International Classifications and Standards Division, Global Infrastructure Sector

Isabelle MALANGA SALAZAR (Mme/Mrs.), assistante à l'information de la Section de la classification internationale des brevets (CIB), Division des classifications internationales et des normes, Secteur de l'infrastructure mondiale/Information Assistant, International Patent Classification (IPC) Section, International Classifications and Standards Division, Global Infrastructure Sector

[L'annex II suit]

Annex II follows]

AGENDA

1. Opening of the session
2. Adoption of the agenda
3. Report on the seventeenth session of the IP5 WG1-Working Group on Classification
Oral report by the JPO on behalf of the FiveIPOffices.
4. IPC revision projects relating to the mechanical field
See projects [C 486](#), [C 488](#), [C 491](#), [F 059](#), [F 067](#), [F 084](#), [F 085](#), [F 086](#) and [F 090](#).
5. IPC revision projects relating to the electrical field
See projects [C 489](#), [F 044](#), [F 048](#), [F 050](#), [F 053](#), [F 055](#), [F 061](#), [F 062](#), [F 065](#), [F 066](#),
[F 068](#), [F 070](#), [F 073](#), [F 079](#), [F 087](#), [F 088](#), [F 091](#) and [F 092](#).
6. IPC revision projects relating to the chemical field
See projects [C 487](#), [C 490](#), [F 047](#), [F 069](#), [F 077](#), [F 078](#) and [F 083](#).
7. IPC definition project relating to the electrical field
See projects [D 310](#) and [D 311](#).
8. IPC maintenance projects relating to the mechanical field
See projects [M 611](#), [M 617](#), [M 618](#), [M 780](#), [M 782](#), [M 783](#), [M 784](#) and [M 785](#).
9. IPC maintenance projects relating to the electrical field
See projects [M 619](#), [M 774](#), [M 775](#), [M 776](#) and [M 779](#).
10. IPC maintenance projects relating to the chemical field
See project [M 615](#), [M 769](#) , [M 778](#), [M 781](#) and [M 786](#).
11. Updates on IPC-related IT support
Presentation by the International Bureau.
12. Next session of the Working Group
13. Adoption of the report
14. Closing of the Session

[End of Annex and of document]