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**SPECIAL UNION FOR THE INTERNATIONAL PATENT CLASSIFICATION
(IPC UNION)**

IPC REVISION WORKING GROUP

Sixteenth Session
Geneva, November 27 to December 1, 2006

REPORT

adopted by the Working Group

INTRODUCTION

1. The IPC Revision Working Group (hereinafter referred to as “the Working Group”) held its sixteenth session in Geneva from November 27 to December 1, 2006. The following members of the Working Group were represented at the session: Brazil, Canada, China, Croatia, Finland, France, Germany, Greece, Ireland, Israel, Italy, Japan, Norway, Portugal, Republic of Korea, Romania, Russian Federation, Spain, Sweden, Switzerland, United Kingdom, United States of America, African Intellectual Property Organization (OAPI), European Patent Office (EPO) (24). Ukraine was represented as observer. The list of participants appears as Annex I to this report.

2. The session was opened by Mr. M. Price, Chair of the Working Group.

OFFICERS

3. Mr. A. Farassopoulos (WIPO) acted as Secretary of the session.

ADOPTION OF THE AGENDA

4. The Working Group unanimously adopted the agenda, 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 THIRTY-EIGHTH SESSION OF THE IPC COMMITTEE OF EXPERTS

6. The Secretariat made an oral report on the thirty-eighth session of the IPC Committee of Experts (hereinafter referred to as the “the Committee” (see document IPC/CE/38/10), in particular that the Committee had considered the subject of coordination of IPC revision and reclassification of patent files and issued a relevant recommendation to the Working Group (see paragraph 17 of the said document) and that the Committee had adopted amendments to the IPC prepared by the Working Group. The Committee had also expressed its satisfaction with the activities of the Working Group with regard to the tasks “Elaboration of Classification Definitions”, “Introduction of Residual Main Groups in IPC Subclasses” and “Updating of IPC Training Examples”.

7. The Secretariat informed of conclusions made by the Committee with regard to the implementation of the reformed IPC and underlined that one of the important tasks indicated by the Committee for the near future should be full implementation of the new revision procedure, namely, preparation and publication of new versions of the advanced level of the IPC. The first such version would enter into force on January 1, 2007.

8. In response to questions of some delegations concerning the 2007.01 version of the advanced level, the Secretariat indicated that this version in the French language would be published in December 2006, following its adoption by the Subcommittee responsible for the French version, and that new IPC master files, recently made public after the correction of certain errors, were considered by the International Bureau as final.

REPORT ON THE SECOND SESSION OF THE IPC ADVANCED LEVEL SUBCOMMITTEE

9. The Working Group noted an oral report by the Secretariat on the second session of the IPC Advanced Level Subcommittee (hereinafter referred to as “the ALS”) (see document IPC/ALS/2/10), in particular, that the ALS had completed revision and reclassification work on projects A 001 and A 004, and that it had fixed the date of entering into force of this revision as of January 1, 2007.

10. The Working Group was informed that the ALS had initiated the update of CONOPS, as foreseen in the IPC development program. The initial proposal would be submitted to project SC 022 and all members of the IPC Union were invited to participate in the discussions. The Working Group also noted the decision of the ALS to monitor the reclassification in the areas where new IPC groups had been created in IPC-8 and where reclassification work had not been completed, in order to inform patent information users on the degree of completion of the backfile data stored in the MCD.

11. The Working Group finally noted that the ALS had included in the revision program of the advanced level two new projects emanating from Harmony projects, namely A 007 and A 008. In the framework of project A 007, the ALS had invited comments on the overlap with other subclasses, in view of the broadening of the title of group G01N 13/10 and the deletion of the existing references, which could imply a reclassification at the core level. After extensive discussion, and taking into account the latest Rapporteur report of Annex 8 to the project file, the Working Group concluded that there would be indeed an overlap between groups G01N 13/10 and G12B 21/00 and reclassification would be needed at the core level. However, the ALS was authorized to carry on the revision in project A 007 and was furthermore requested to examine the option of collecting all technology covered by groups G12B 21/00 and G01N 13/10 in one place, if needed. The members of the Working Group were invited to participate in the discussion on the e-forum on project A 007.

12. During the session of the Working Group, the ALS held an extraordinary session where it was decided to postpone the final adoption of project A 006 to the next ordinary session of the ALS, in April 2007, in order to allow a better technical preparation for the publication of the corresponding new version of the advanced level and for the corresponding reclassification process. There would therefore be no new version of the advanced level published before July 1, 2007 (i.e., entering into force before October 1, 2007).

REMOVAL OF REFERENCES FROM GUIDANCE HEADINGS AND OF INFORMATIVE REFERENCES FROM THE SCHEME

13. Discussions were based on two compilations prepared by the International Bureau, one containing a proposal by the International Bureau relating to the removal of references from guidance headings for sections A and H and consolidated comments from commenting offices (see Annexes 2 to 9 to project file M 031), the other containing a proposal by the International Bureau regarding the removal of informative references from the scheme for several subclasses of sections A, B and G, as well as consolidated comments from offices (see Annexes 2 to 13 to project file M 032).

14. The Working Group approved, with amendments, some of the recommendations in the proposal relating to removal of references from guidance headings, which appear in the Technical Annexes to this report relating to project M 031. The rest of this proposal and the whole proposal relating to the removal of informative references from the scheme were not discussed because of time constraints. In addition, it was agreed to create a M project (M 109) with the EPO as Rapporteur, in order to improve the titles of groups under the guidance headings "Fishing" and "Angling" in subclass A01K.

15. The Working Group invited the Rapporteur and its members to continue carrying out these tasks, as scheduled at the fifteenth session of the Working Group, bearing in mind that these tasks should be completed by the end of 2007.

16. Having noted the considerable time that should be spent on these two subjects and other projects that should be treated with higher priority, the Working Group agreed to reconsider at its next session how to further carry out these tasks on time by using a more efficient approach, e.g., by creating a dedicated task force.

RENUMBERING OF PRE-REFORM RESIDUAL MAIN GROUPS

17. Discussions were based on a compilation of project file WG 111, and in particular on the latest rapporteur proposal of Annex 34. The Working Group agreed to delete the following residual main groups and to transfer them to new approved standardized residual main groups: A62B 37/00, B21F 21/00, B31C 13/00, B60D 7/00, B60R 27/00, B63J 5/00, B64G 9/00, F02K 11/00, F03H 5/00, F42D 7/00, H04J 15/00. It was also agreed that the residual main group D06C 29/00 should not be changed, whereas the title of main group D04G 5/00 should be amended (see the Technical Annexes relating to project M 099).

18. In view of the similarity between the subclasses of class C05, it was decided that a similar solution should be sought for all residual main groups in this class when considering the residual groups having subgroups.

19. The Working Groups finally agreed to continue the consideration of the remaining residual main groups at its next session and accepted an offer by the Secretariat to prepare a proposal for renumbering and amendment of residual main groups with references.

INTRODUCTION OF RESIDUAL MAIN GROUPS IN IPC SUBCLASSES

20. The Working Group had before it, in particular, document IPC/WG/15/4 and compilations of project files R 701 to R 706. The Working Group agreed that no new residual main groups should be created in the following subclasses: A01F, A63D, B01D, B05B, B21G, B27C, B27K, B29C, B44D, B60L, B60P, B60Q, B60T, B61G, B62M, B63C, B65C, B66D, B67C, C07C, C07D, C09H, C10J, C10K, C11B, C11D, C13C, C13K, C21C, E02D, F01K, F02D, F22B, F22D, F25C, F41J, G01B, G05G, H02J, H04N, H05B, H05G, H05H.

21. The Working Group agreed to create new residual main groups in the following subclasses: A01D, B21C, B62C, B67B, B68G, F21H, G01V, G06G, G10L, G21G, H02B, H02H (see the Technical Annexes relating to project M 099).

22. Following the Rapporteur proposals in projects R 701 to R 706, it was further agreed that, for the majority of the remaining subclasses without consensus, the need for a new residual main group should be further investigated in the context of definition projects. For the following subclasses definition projects already existed or were created at the present session of the Working Group: A01N (D 001), A44B (D 012), A45D (D 134), A47J (D 135), A61B (D 013), A61C (D 104), A61F (D 098), A61M (D109), A61N (D 014), A63D (D 136), B65D (D 081), C07C (D002), C07D (D 056), C10J (D 137), C30B (D 141), E01D (D 031), F16C (D101), F16D (D 102), F16G (D 103), F23Q (D 139), F23R (D 140), G01C (D 051), G12B (D 142), G21G (D 143), H05B (D 138).

23. In accordance with the decision on prioritizing definition projects taken at the fifteenth session of the Working Group (see document IPC/WG/15/4, paragraph 13(c)), it was also agreed that the following subclasses should receive priority for the creation of new definition projects in the future, when resources would be available: B22F, B23Q, B24B, B24C, B25B, B25D, B25F, B25H, B26D, B27B, B27G, B42D, B43L, B44B, B44F, B63B, B65G, E01C, E01F, E03D, E04C, E04F, E04G, E04H, G06K, H03K.

24. For all subclasses listed in paragraphs 22 and 23 above, the Rapporteurs of the respective definition project were invited to review, in the light of the comments submitted to projects R 701 to R 706, if a new residual main group was needed, or if the inclusion of further explanations, references or definitions for main groups would sufficiently clarify the exhaustion of the corresponding subclass by its main groups.

25. In addition to the above decisions, the Working Groups also made the following observations:

B21C – The Working Group agreed to create a C project (C 444) with Sweden as Rapporteur, in order to improve the title of main group B21C 37/00.

B27K – The Working Group invited Sweden to submit a proposal to improve the title of main group B27K 5/00 in the framework of project M 014.

B60L – The Working Group invited Sweden to submit a proposal to improve the title of main group B60L 15/00 in the framework of project M 014.

B61G – The Working Group invited Sweden to submit a proposal to improve the title of main group B61G 5/00 in the framework of project M 014.

B63C – The Working Group invited Sweden to submit a proposal to improve the title of main group B63C 3/00 in the framework of project M 014.

C13 – The Working Group agreed to create a C project (C 443) with the United Kingdom as Rapporteur for revising the whole class.

D06F – The Working Group agreed to create a C project (C 446) with the EPO as Rapporteur for the introduction of a new residual main group in this subclass.

F21S – It was agreed to consider the need for a residual main group in the framework of project C 438.

F22B – The Working Group invited Sweden to submit a proposal to improve the title of main group F22B 3/00 and to remove the guidance headings in this subclass, in the framework of project M 014.

F22D – The Working Group invited Sweden to submit a proposal to improve the title of main group F22D 7/00 in the framework of project M 014.

F41J – The Working Group invited Sweden to submit a proposal for a C project (C445) to improve the title of F41J 1/00.

G01B – The existing residual main group G01B 21/00 was considered to be residual to the whole subclass and should be reviewed in the context of project WG 111.

G05G – The Working group agreed to modify the title of main group G05G 25/00 (see the relevant Technical Annex to project M 099).

G06M – The Working Group agreed that a revision project was needed and invited the members of the ALS to investigate whether the necessary resources for reclassification would be available.

G07D – The Working Group agreed to create a C project (C 447) with the EPO as Rapporteur for the introduction of a new residual main group in this subclass.

G10L – The Working Group agreed that a C-project should be created in order to widen the scope of this subclass to “audio processing”, invited the members of the ALS to investigate whether the necessary resources for reclassification would be available and invited the EPO to act as Rapporteur.

CLUSTERING OF DOCUMENTS CLASSIFIED IN RESIDUAL PLACES

26. Discussions were based on document IPC/WG/16/2, prepared by the International Bureau, describing a computer-aided solution for the identification, in IPC residual places, of new emerging technologies, on the basis of clustering techniques. In addition, the document described business requirements and a reference scenario, which could be used for an analysis and prototyping phase for technical feasibility and financial evaluation of a full-scale implementation.

27. The Working Group approved the approach and invited the International Bureau to undertake testing in various technological fields of various file sizes. Collections belonging to main groups having already several identified subgroups could be selected, in order to check the relevance of the results. Existing residual main groups having subgroups or subdivisions in ECLA or FI should also be included in the test. The International Bureau was invited to report on the results of this testing at the next session of the Working Group in June 2007.

PROPOSALS FOR IMPROVING THE IPC

28. Following the procedure adopted at the twelfth session of the Working Group, proposals were submitted to projects M 013 and M 014, by the United States of America and the International Bureau concerning improvements in subclasses A63J, B41F, B29C, B29D, B32B, G01N and in class B60. In addition, the Working Group considered amendments in subclasses B21D and B60W pending from its previous session.

Subclass A63J – Discussions were based on Annex 2 to project file M 014 containing a proposal to add a reference in main group A63J 11/00 indicating that “mazes or labyrinths for animals” are classified in subclass A01K.

It was noted that there was no particular group in subclass A01K covering this subject matter, which, on the other hand, was not clearly covered by any other subclass. It was therefore decided that this reference was not appropriate and the matter should be considered in the framework of a new revision project, where other possible options could be explored, e.g., the creation of a dedicated group. Project C 440 was created in that respect with the United States of America as Rapporteur.

Subclass B21D – It was recalled that, at its fifteenth session, the Working Group had approved, in principle, the deletion of the one-dot subgroups B21D 51/02 and B21D 51/16, and the removal of one dot from the remaining subgroups of main group B21D 51/00. However, since this deletion would impact the advanced level, the ALS had been invited to consider whether intellectual reclassification of documents would be needed due to this deletion.

The ALS considered this matter at its second session, agreed that the above solution would indeed imply reclassification and that instead the titles of the subgroups of main group B21D 51/00 should be improved. It therefore invited its members to submit a counter proposal in that respect, which was then submitted by the EPO in Annex 7 to project file M 014.

It was decided that further discussion was needed on this proposal, project C 442 was therefore created and the EPO was appointed as Rapporteur.

Subclasses B29C, B29D, B32B – It was considered that the proposal submitted in Annex 4 to project file M 014 was more than a simple improvement that could be considered in the framework of this project. In view of the necessity to further discuss the revision in this area, project C 441 was created and Sweden was appointed as Rapporteur.

Class B60 – The proposed new subparagraph (h) of the Note after the class title was approved. Furthermore a reference to subclass B60V was added in the title of subclass B63H (see the corresponding Technical Annexes to this report relating to project M 014).

Subclass B60W – The proposed modification of Note (1) after the subclass title was not approved, since it was not considered as improvement.

Subclass G01N – It was considered that the proposed reference in subclass G01N to class B04 was informative and should therefore not appear in the Classification scheme.

Subclass G05G – It was decided to approve the proposal of Annex 1 to project file M 013 to replace the expression “mécanismes de commande manœuvrés à la main” by “mécanismes à commande manuelle”, in the French titles of main groups G05G 7/00 to G05G 13/00, since the latter corresponds to the English title and to the effective scope of these groups.

IPC CORE LEVEL REVISION PROGRAM

General

29. The Working Group discussed seven pending IPC core level revision projects and approved amendments relating to those projects (see the Technical Annexes to this report relating to revision projects). The status of those projects and the list of future actions and deadlines are indicated in Annex III to this report.

IPC Revision Projects

30. The Working Group made the following observations with respect to the IPC revision projects.

Project C 432 (chemical) – The French version of the Project was approved and appears in Technical Annex 1F to this document. Following the distribution of reclassification work relating to main group A01N 65/00 by volunteering offices at the thirty-eighth session of the Committee, the Working Group was informed that the EPO would reclassify families with the EPO's priority and any other remaining documents of the PCT minimum documentation.

It was finally decided that the practical details for the reclassification would be examined at the next session of the Working Group and the EPO was invited to prepare, shortly before that session, the lists of documents to be reclassified by each volunteering office.

Project C 434 (electrical) – Discussions were based on Annex 12 to project file C 434 containing a Rapporteur proposal, with the definition of additional terms in Note (1) of subclass H04H, transfer notes of the deleted groups in subclass H04H and amendments to two already approved groups, in reply to the comments requested at the last session of the Working Group. The Working Group approved, with some amendments, the said Rapporteur proposal which appears in Technical Annex 2E to this report. The French version of the amendments approved in English at the previous session of the Working Group, was also approved (see Technical Annex 2F to this report). The project was considered as completed in English.

It was noted that the example needed to clarify the content of group H04H 60/61 would be too long to be included in the scheme and the Rapporteur was requested to add it in the definition for this group.

It was further noted that in order to simplify the presentation of the transfer notes in the core and the advanced levels, the groups indicated in an interval of such a note would be at the same hierarchical level. It should be understood that the subgroups of these groups are implicitly included in the interval. The corresponding RCL, which would be available early enough before the official publication, would indicate the complete set of groups in each level and should serve for the reclassification.

Project C 435 (electrical) – Discussions were based on the Rapporteur's proposal of Annex 13 to project file C 435. The proposal, including modified notes for subclass G06W, was approved to a large extent, with some amendments, and appears in Technical Annexes 3 to 6 to this report.

Comments were invited on (see said Annex 6):

- the wording of Note (2) after the subclass title, in particular in relation to the potential relevance of main group G08C 17/00;
- whether an example was needed in group 4/06 to clarify the term “announcement”;
- whether an example was needed in group 4/10 in order to clarify its scope;
- whether main group 44/00 was placed in the right order in relation to group 48/00, in view of the first place rule applied in this subclass;
- whether there was an overlap between group 64/00 and the subject matter of “navigation” covered by subclass G08G;
- the table of Annex 14, which indicates the transfer notes, and on whether other places in the IPC would need reclassification.

Finally the Rapporteur was invited to redraft main group 72/00 and its subgroups, in order to clarify the subject matter covered therein.

Project C 436 (chemical) – Discussions were based on the Rapporteur's report of Annex 7 to the project file. It was noted that there was not enough support for the Rapporteur's proposal and this proposal was therefore withdrawn.

It was however pointed out that the area of main groups C12N 5/00 and C12P 21/00 needed revision in view of their file size largely exceeding 100,000 documents each, several of their subgroups containing tens of thousands of documents each. It was also pointed out that, in view of the inefficiency of the scheme, even major offices were not using the IPC as a tool for classification or search in this area.

The Working Group was informed that the Trilateral Offices were not in the position to undertake a major reclassification in that area in view of the large amount of documents to be reclassified. However, it was noted that delaying of any revision would further increase the problem in the years to come, since the documentation in this area was increasing at a high rate.

The Working Group invited the Rapporteur to investigate a partial solution, which would solve the classification problem faced in Israel, based on the ECLA/ICO scheme, and to submit a proposal to the e-forum, to be discussed at the next session of the Working Group. This would minimize the need for reclassification of the PCT minimum documentation.

Furthermore, the Committee of Experts was requested to examine how to proceed when a need for revision is evident in an area with a rapid rate of growth, while there is a lack of resources for reclassification in one office of the ALS. For example, if an incomplete reclassification of the backfile could be tolerated in such cases, thus allowing the new scheme to be used for the classification of the front file.

Project C 437 (mechanical) – The Working Group approved the latest Rapporteur proposal and the corresponding French version (see Technical Annex 7 to this report). The project was therefore considered as completed.

Project C 438 (mechanical) – The Working Group approved the deletion of Guidance Headings and other subsequent amendments in subclasses F21L and F21V (see Technical Annexes 8 to 10 to this report). Furthermore, Note (1) following the title of class F21 was deleted and new notes were inserted in subclasses F21L, F21S and F21V, containing instructions on how to classify non-electric lighting devices, or lighting devices where the nature of the light source is not clearly stated.

Comments were invited on whether these approved subclass notes cover completely the practice concerning the classification of non-electric lighting devices, as was indicated in the deleted Note (1) of class F21.

Project C 439 (mechanical) – The Working Group approved the broadening of the scope of group F25C 3/00 and noted that the EPO would reclassify the complete documentation belonging to groups F25C 1/00 and F25C 3/00 after the completion of this project.

Comments were invited on the various proposals for a broadened title of group F25C 3/00 submitted by Japan, the United States of America, the EPO and the Rapporteur, as indicated in Annex 16 to the project file.

UPDATING OF TRAINING EXAMPLES

31. The Working Group noted an oral report by the Secretariat, in particular, on the thirty-eighth session of the IPC Committee of Experts relating to the subject of updating of IPC training examples.

32. The Working Group was informed about the decision taken by the Committee that Rapporteurs of training example projects should provide the International Bureau with proposals on alternatives of multiple choices for each of the steps currently presented in the tutorials (see document IPC/CE/38/4, paragraph 9), in order to better illustrate, for example, a classification rule. It was also noted that the International Bureau had prepared and posted on the e-forum a template for submitting the said proposals, appearing as Annex 21 to project TE 000.

33. Rapporteurs were requested to consider the already introduced 10 tutorials by the International Bureau as prototypes (the prototypes can be found at <http://www.wipo.int/ipc-training/>) regarding how best to present multiple choices and submit their proposals, using the above-mentioned template, to the corresponding training example projects on the e-forum by February 28, 2007.

34. On the other hand the Working Group was informed by the Rapporteur of project TE 132 that he had encountered difficulties to choose the target patent document that could best illustrate “Markush-type formulae” and to fit it into the current training example template. The Working Group confirmed its decision taken at its previous session that an example illustrating “Markush-type formulae” was necessary. The Rapporteur was invited to adapt the template in this particular case and to submit an initial proposal by January 2007, in order to allow its consideration by the Working Group at its next session.

IPC DEFINITIONS PROGRAM

35. The Working Group had before it, in particular, document IPC/WG/15/4 and compilations of the relevant definition project files. The decisions of the Working Group with respect to those projects, in particular new deadlines and appointment of offices for the preparation of French versions, are listed in Annex IV to this report. Further information with respect to some of those decisions is given in paragraph 36, below.

36. The Working Group made the following observations, in addition to the decisions set forth in Annex IV to this report, with respect to the cited IPC definition projects. All references to annexes in this paragraph refer to annexes of the corresponding project file, unless otherwise stated.

IPC Definition Projects

The Working Group approved, without further changes, the English version of definition projects D 049 (Annex 28), D065 (Annex 22), D 088 (Annex 10), D 118 (Annex 11), D 120 (Annex 10), D 123 (Annex 9), and the French version of definition projects D 057 (Annex 12), D 059 (Annex 13), D 064 (Annex 20), D 080 (Annex 19), D 090 (Annex 16), and D 104 (Annex 9).

Project D 049 (electrical) – The Working Group approved the French version of Annex 28, subject to a clerical correction according to the latest remark on the e-forum.

Project D 054 (electrical) – Following the request of the Rapporteur, the Working Group invited new comments on the latest rapporteur proposal (see Annex 19).

Project D 056 (chemical) – The Working Group approved the French version of Annex 21, subject to replacing “et uniquement commun” with “et s’il n’y a pas de cycles ayant deux faces en commun” at the end of the glossary entry “Condensé en ortho”. It was further agreed to add, in the approved English version, “shared faces” at the end of the incomplete glossary entry “Ortho-condensed”.

Project D 060 (mechanical) – The Working Group approved the French version of Annex 17 and instructed the Editorial Board to harmonize the entry “vehicle” in the Glossary with corresponding entries in existing definitions of subclasses in class B60.

Project D 070 (mechanical) – The Working Group approved the French version of Annex 24; comments were also invited on whether the references to A23P in the English and French versions should be amended as proposed by the European Patent Office in Annexes 23 and 24.

Project D 072 (electrical) – The Working Group approved the French version of Annex 18 with the amendments indicated in Annex 20.

Project D 073 (mechanical) – The Working Group approved the English version of Annex 6 and instructed the Editorial Board to move the reference to main group B01D 21/00, to the informative references.

Project D 074 (mechanical) – The Working Group invited the Rapporteur to prepare a new proposal taking into account the latest comments by the United States (see Annex 10).

Project D 075 (mechanical) – The Working Group invited the Rapporteur to review the proposal in the light of the latest comments of the United States to project D 074 (see Annex 10 to project file D 074) and agreed to replace the reference to class F23 with a reference to groups F23C 3/00 and F23D 1/02.

Project D 076 (mechanical) – The Working Group invited the Rapporteur to prepare a new proposal taking into account the latest comments by the United States of America (see Annex 12), and agreed to move the reference to group B64D 1/16 to the references pointing to application places and to delete the reference to group E03C 1/16.

Project D 082 (electrical) – The Working Group approved the French version of Annex 21 with the amendments of Annex 23, and subject to replacing “de type liquide, matrice passive” with “nématique en super-hélice” in the entry “STN-LC” of the Glossary.

Project D 083 (electrical) – The Working Group approved the French version of Annex 13 with the amendments of Annex 15.

Project D 084 (electrical) – The Working Group approved the French version of Annex 8 with the amendments of Annex 10.

Project D 085 (electrical) – The Working Group approved the English version of Annex 10 subject to moving all limiting references to the subsection of references pointing to application places.

Project D 087 (electrical) – The Working Group invited new comments on the latest Rapporteur proposal, in particular on whether amendments were needed in view of the closely related new subclass H04W (see project C 435). It was further noted that the statement of a main group definition should not reproduce simply the title of the main group. If no additional information was available, then the statement should remain empty.

Project D 089 (chemical) – The Working Group invited comments on the reference to class C10 in the subclass definition and in the definition of main group C23F 11/00, in particular on whether it should be placed in both definitions, whether it belonged to limiting references or references to application places, and whether it could be more specific.

Project D 091 (chemical) – The Working Group approved the French version of Annex 16, subject to replacing the reference to main group C08G 83/00 (index (2)), in section “règles particulières...” on page 4, with a reference to main group C08G 85/00. It was further agreed to amend the English version correspondingly.

Project D 092 (chemical) – The Working Group approved the English version of Annex 6, subject to appending “, e.g., A23J” to the reference to class A23 and to replacing the reference to class C10 with references to groups C10C 3/00 and C08L 95/00.

Project D 093 (chemical) – The Working Group invited the Rapporteur to prepare a new proposal, taking into account the latest comments of the United States of America (see Annex 8). The Rapporteur was also requested to investigate if the reference to class D06 could be more specific.

Project D 094 (chemical) – The Working Group approved the English version of Annex 6, subject to replacing the reference to D06 with the references “Treating-textile compositions D06M” and “Dyeing or printing processes D06P”, and to adding the informative reference “Soaps or detergent compositions C11D”.

Project D 095 (chemical) – The Working Group approved the English version of Annex 7, subject to replacing the reference to class B05 with references to subclasses B05B and B05C.

Project D 119 (electrical) – The Working Group approved the French version of Annex 11 with the amendments included in Annex 20 of project D072.

Project D 121 (electrical) – The Working Group agreed that the proposed amendments in bullets 2 and 4 of Annex 11 should not be included and invited comments on the necessity of the amendments according to bullets 1 and 3 of the said Annex 11.

Project D 122 (electrical) – The Working Group agreed that the references to group G01J 3/00 and to subclass H05H should be considered as references to application places and invited comments on whether they could be more specific (e.g., referring to group G01J 3/443) and whether a reference to similar groups covering spectroscopy in main group G01N 21/00 (e.g., G01N 21/66) was needed.

STATUS OF THE WORK

37. The Chair stated that, on the agenda of this session, 10 definition projects were approved in English and sixteen definition projects were completed in both English and French. In total, 72 definition projects have been completed so far. Annex IV to this report gave the status of each definition project on the program. He also indicated that two revision projects have been dealt with and completed in both languages, while seven new revision projects were included in the program of the revision of the core level (see Annex III to this report for the status of each revision project).

38. The Chair stated that, at this session, the Working Group had continued an important work program of the implementation of the results of IPC reform and had achieved good progress in the completion of the relevant tasks of the IPC development program. In particular, the Working Group has considered and created several new residual main groups (see task 5(a)) and has initiated work on the removal of references from guidance headings and of informative references from the scheme (see tasks 3 and 4).

NEXT SESSION OF THE WORKING GROUP

39. The Working Group having assessed the workload expected for its next session (see paragraph 40 below), agreed to devote the first two days to the mechanical field, the third and fourth days to the electrical field and the last day to the chemical field. When convening the next session, the International Bureau was requested to consider, in consultation with the Chair, the possible need for an extension of the session, depending on the envisaged amount of work, and for the modification of the number of days devoted to any technical field.

40. The Working Group noted the following tentative dates for its seventeenth session.

June 4 to 8, 2007.

THANKS TO MR. PRICE

41. Having noted that Mr. Price would conclude his participation in the IPC revision work, the Working Group and the International Bureau thanked him and expressed their appreciation of his excellent contribution, for many years, to this work, both as Representative of the United Kingdom and in his capacity of Chairman of the Working Group, wishing him success in his continued career.

42. The Working Group unanimously adopted this report by electronic means on December 20, 2006.

[Annexes follow]

ANNEXE I/ANNEX I

LISTE DES PARTICIPANTS/
LIST OF PARTICIPANTS

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in the alphabetical order of the names in French of the States)

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Michele BORDONI, expert principal en brevet et technologie, Division des brevets, Institut fédéral de la propriété intellectuelle, Berne

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Nataliya KOVINYA (Ms.), Senior Examiner, Pharmaceutical Division, Ministry of Education and Science of Ukraine, State Department of Intellectual Property, Ukrainian Industrial Property Institute (UKRPATENT), Kyiv

III. ORGANISATIONS MEMBRES/MEMBER ORGANIZATIONS

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Roberto IASEVOLI, Technical Expert Electricity and Physics, Classification Board Member, Rijswijk

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AFRICAN INTELLECTUAL PROPERTY ORGANIZATION (OAPI)

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IV. BUREAU/OFFICERS

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Vice-président/Vice-Chair: Alexandros LIOUMBIS (Grèce/Greece)

Secrétaire/Secretary: Antonios FARASSOPOULOS (OMPI/WIPO)

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

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[L'annexe II suit
Annex II follows]

ANNEX II

AGENDA

	<u>Paragraphs</u> (Annexes)
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2. Adoption of the agenda	4 (II)
3. Report on the thirty-eighth session of the IPC Committee of Experts See document IPC/CE/38/10.	6 – 8
4. Report on the second session of the IPC Advanced Level Subcommittee See document IPC/SC/2/10 and Project A 007.	9 – 12
5. Removal of references from guidance headings and of informative references from the scheme See document IPC/WG/15/4 and Projects M 031 and M 032.	13 – 16 (TAs)
6. Renumbering of pre-reform residual main groups See document IPC/WG/15/4 and Project WG 111.	17 – 19 (TAs)
7. Introduction of residual main groups in IPC subclasses See document IPC/WG/15/4 and Projects R 701 to R 706.	20 – 25 (TAs)
8. Clustering of documents classified in residual places See documents IPC/WG/15/4 and IPC/WG/16/2.	26, 27
9. Proposals for improving the IPC See document IPC/WG/12/4 and Projects M 011 to M 014.	28 (TAs)
10. IPC core level revision projects relating to the mechanical field See document IPC/WG/15/4 and Projects C 437, C 438 and C 439.	29, 30 (III, TAs)
11. IPC core level revision projects relating to the electrical field See document IPC/WG/15/4 and Projects C 434 and C 435.	29, 30 (III, TAs)
12. IPC core level revision projects relating to the chemical field See document IPC/WG/15/4 and Projects C 432 and C 436.	29, 30 (III, TAs)

	<u>Paragraphs</u> (Annexes)
13. Updating of IPC training examples See documents IPC/WG/15/4 and IPC/CE/38/10 and Project TE 132.	31 – 34
14. IPC definition projects relating to the mechanical field See document IPC/WG/15/4 and Projects* D 055, D 060(F), D 070(F), D 073, D 074, D 075, D 076, D 077, D 078, D 079, D 080(F), D 081, D 098, D 101, D 102, D 103, D 104(F), D 105, D 106, D 107, D 108 and D 109.	35, 36 (IV)
15. IPC definition projects relating to the electrical field See document IPC/WG/15/4 and Projects* D 049(F), D 054, D 057(F), D 059(F), D 072(F), D 082(F), D 083(F), D 084(F), D 085, D 087, D 118, D 119(F), D 120, D 121, D 122 and D 123.	35, 36 (IV)
16. IPC definition projects relating to the chemical field See document IPC/WG/15/4 and Projects* D 056(F), D 064(F), D 065, D 088, D 089, D 090(F), D 091(F), D 092, D 093, D 094, D 095, D 096, D 097, D 099, D 100, D 112, D 113 and D 114.	35, 36 (IV)
17. Status of the work	37, 38 (III, IV)
18. Next session of the Working Group	39, 40
19. Thanks to Mr. Price	41
20. Adoption of the report of the session	42
21. Closing of the session	

[Annex III follows]

* (F) indicates that only the French version of projects approved in English is to be considered.

ANNEX III/ANNEXE III

IPC REVISION PROGRAM FOR THE EIGHTH REVISION PERIOD/
PROGRAMME DE LA HUITIÈME PÉRIODE DE RÉVISION DE LA CIB

Project status:/État d'avancement des projets :

A: Amendments approved at least in one language version/Modifications approuvées au moins en une langue

C: Completed/Achevé

R: Rejected/Rejeté

W: Withdrawn/Retiré

Sb: Referred to a subsidiary body/Renvoyé à un organe subsidiaire

REVISION PROJECTS/PROJETS DE RÉVISION

Project C .../ Projet C ...	Area/ Domaine	Technology/ Technique	Rapporteur	Comments/ Observations	Category request/ Catégorie de la demande	Translation by/ Traduction par	Rapporteur report/ Rapport du rapporteur	Status/État d'avancement	See paragraph(s)/ Voir paragraphe(s)	Annex(es) to this report and remarks/Annexe(s) du présent rapport et remarques
432	A01N	C	CN		C	FR		C	30	
434	H04H	E	JP		D	EP		A	30	French version by 16.04.07/ Version française pour le 16.04.07
435	H04W	E	EP	02.04.07	D	EP	01.05.07	A	30	French version by 16.04.07/ Version française pour le 16.04.07
436	C12N	C	IL	02.04.07	C		01.05.07		30	Proposal by IL by 16.02.07/ Proposition par IL pour le 16.02.07
437	B41F	M	SE		B	IB		C	30	
438	F21	M	US	02.04.07	B	CH	01.05.07	A	30	
439	F25C	M	SE	02.04.07	B		01.05.07		30	
440	A01K, A63J	M	US	02.04.07	A		01.05.07		28	Proposal by US by 16.02.07/ Proposition par US pour le 16.02.07
441	B29C, B29D, B32B	M	SE	02.04.07	B		01.05.07		28	Proposal by SE by 16.02.07/ Proposition par SE pour le 16.02.07
442	B21D 51/00	M	EP	02.04.07	D		01.05.07		28	Proposal by EP by 16.02.07/ Proposition par EP pour le 16.02.07
443	C13	C	GB	02.04.07	B		01.05.07		25	Proposal by GB by 16.02.07/ Proposition par GB pour le 16.02.07

Project C .../ Projet C ...	Area/ Domaine	Technology/ Technique	Rapporteur	Comments/ Observations	Category request/ Catégorie de la demande	Translation by/ Traduction par	Rapporteur report/ Rapport du rapporteur	Status/État d'avancement	See paragraph(s)/ Voir paragraphe(s)	Annex(es) to this report and remarks/Annexe(s) du présent rapport et remarques
444	B21C	M	SE	02.04.07	B		01.05.07		25	Proposal by SE by 16.02.07/ Proposition par SE pour le 16.02.07
445	F41J	M	SE	02.04.07	B		01.05.07		25	Proposal by SE by 16.02.07/ Proposition par SE pour le 16.02.07
446	D06F	M	EP	02.04.07	A		01.05.07		25	Confirmation by TOs on availabilities for reclassification by 12.01.07/ Confirmation par les offices de la coopération trilatérale (TOs) de leurs ressources en vue du reclassement pour le 12.01.07
447	G07D	E	EP	02.04.07	A		01.05.07		25	Confirmation by TOs on availabilities for reclassification by 12.01.07/ Confirmation par les offices de la coopération trilatérale (TOs) de leurs ressources en vue du reclassement pour le 12.01.07

MAINTENANCE PROJECTS/PROJETS DE MAINTENANCE

Project M .../ Projet M ...	Area/ Domaine	Technology/ Technique	Rapporteur	Comments/ Observations	Category request/ Catégorie de la demande	Translation by/ Traduction par	Rapporteur report/ Rapport du rapporteur	Status/État d'avancement	See paragraph(s)/ Voir paragraphe(s)	Annex(es) to this report and remarks/Annexe(s) du présent rapport et remarques
010			IB	01.05.07	B	IB				Proposal by 02.04.07/ Proposition pour le 02.04.07
011			IB	01.05.07	B	IB				Proposal by 02.04.07/ Proposition pour le 02.04.07
012		C	IB	01.05.07	B	IB				Proposal by 02.04.07/ Proposition pour le 02.04.07
013		E	IB	01.05.07	B	IB			28	Proposal by 02.04.07/ Proposition pour le 02.04.07
014		M	IB	01.05.07	B	IB			28	Proposal by 02.04.07/ Proposition pour le 02.04.07
031			IB	30.04.07	B	IB	15.05.07		15	Proposal by 30.03.07/ Proposition pour le 30.03.07
032			IB	30.04.07	B	IB	15.05.07		15	Proposal by 30.03.07/ Proposition pour le 30.03.07
M100	A01F	M	SE	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M101	C07B	C	SE	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M102	F23G	M	SE	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M103	H04M	E	SE	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M104	C08L	C	GB	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M105	C09D	C	GB	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M106	C09J	C	GB	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M107	F04C	M	US	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M108	D21F	M	EP	02.04.07	B		01.05.07			Proposal by 28.02.07/ Proposition pour le 28.02.07
M109	A01K	M	EP	02.04.07	B		01.05.07		14	Proposal by 28.02.07/ Proposition pour le 28.02.07

[Annex IV follows/
L'annexe IV suit]

ANNEX IV/ANNEXE IV

STATUS OF DEFINITION PROJECTS/
ÉTAT D'AVANCEMENT DES PROJETS DE DÉFINITIONS

Status/État d'avancement :

E: English version approved (with indication at which session it was approved)/

Version anglaise approuvée (avec l'indication de la session à laquelle celle-ci a été approuvée)

F: French version approved/Version française approuvée

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	Translation by/ Traduction par	Status/ État d'avancement	Next actions/ Prochaines actions
001	A01N	C	US	FR	E WG/8 F WG/11	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
002	C07C	C	US	EP	E WG/9 F WG/12	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
003	C08J	C	SE	CH	E WG/8 F WG/12	
004	C09K	C	EP	EP	E WG/12 F WG/12	
005	C40B	C	EP	EP	E WG/11 F WG/12	
006	B81B	E	US	FR	E WG/13 F WG/14	
007	B81C	E	US	FR	E WG/9 F WG/12	
008	B82B	E	US	FR	E WG/9 F WG/13	
009	G01N	E	EP	EP	E WG/13 F WG/14	
010	G01S	E	DE	CH	E WG/12 F WG/13	
011	H01L	E	DE	EP	E WG/9 F WG/13	
012	A44B	M	US	CH	E WG/11 F WG/13	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
013	A61B	M	US	FR	E WG/12 F WG/13	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
014	A61N	M	US	FR	E WG/13 F WG/14	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
015	B60T	M	GB	FR	E WG/11 F WG/12	
016	B61L	M	US	CH	E WG/14 F WG/15	

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D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	Translation by/ Traduction par	Status/ État d'avancement	Next actions/ Prochaines actions
017	B66B	M	US	FR	E WG/12 F WG/13	
018	F04C	M	EP	FR	E WG/13 F WG/14	
019	F23B	M	SE	CH	E WG/12 F WG/13	
020	F23C	M	SE	CH	E WG/12 F WG/13	
021	A61K	C	EP	EP	E WG/13 F WG/13	
022	A61P	C	EP	EP	E WG/11 F WG/12	
023	A61Q	C	EP	EP	E WG/11 F WG/12	
024	B01D	C	GB	FR	E WG/11 F WG/12	
025	C07F	C	RU	EP	E WG/9 F WG/11	
026	C10L	C	EP	EP	E WG/9 F WG/11	
027	G01M	E	RU	CH	E WG/12 F WG/13	
028	H01H	E	EP	FR	E WG/12 F WG/13	
029	A61G	M	US	FR	E WG/11 F WG/13	
030	B32B	M	EP	EP	E WG/8 F WG/12	
031	E01D	M	US	EP	E WG/14 F WG/15	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
032	F23G	M	SE	EP	E WG/11 F WG/13	
033	A01H	C	SE	CH	E WG/9 F WG/11	
034	B60R	M	US	FR	E WG/14 F WG/15	
035	B60V	M	US	FR	E WG/14 F WG/15	
036	C04B	C	EP	EP	E WG/14 F WG/15	
037	C07J	C	RU	EP	E WG/11 F WG/12	
038	C07K	C	SE	EP	E WG/11 F WG/13	
039	C12N	C	US	CH	E WG/12 F WG/13	

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D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	Translation by/ Traduction par	Status/ État d'avancement	Next actions/ Prochaines actions
040	C12P	C	US	FR	E WG/11 F WG/13	
041	F01M	M	GB	FR	E WG/11 F WG/13	
042	F16N	M	GB	FR	E WG/11 F WG/13	
043	G01P	E	US	CH	E WG/14 F WG/15	
044	G01T	E	SE	CH	E WG/11 F WG/12	
045	G01V	E	DE	CH	E WG/9 F WG/12	
046	G02C	E	US	CH	E WG/14 F WG/15	
047	H01P	E	GB	CH	E WG/9 F WG/12	
048	H04B	E	RU	FR	E WG/14 F WG/14	
049	H04L	E	SE	FR	E WG/15 F WG/16	
050	G01B	E	DE	FR	E WG/11 F WG/13	
051	G01C	E	DE	CH	E WG/11 F WG/13	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
052	G11B	E	JP	FR	E WG/11 F WG/13	
053	H02P	E	EP	EP	E WG/14 F WG/15	
054	G06Q	E	EP			Comments by 23.02.07/ Observations pour le 23.02.07
055	F21	M	DE			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
056	C07D	C	IE	EP	E WG/15 F WG/16	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
057	G06F	E	EP	EP	E WG/15 F WG/16	
058	B60K	M	EP			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
059	H02K	E	EP	EP	E WG/15 F WG/16	
060	B60L	M	GB	CH	E WG/15 F WG/16	
061	C11D	C	GB	FR	E WG/13 F WG/14	
062	C12C	C	GB	EP	E WG/13 F WG/14	

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D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	Translation by/ Traduction par	Status/ État d'avancement	Next actions/ Prochaines actions
063	C12G	C	GB	CH	E WG/13 F WG/14	
064	C12M	C	EP	EP	E WG/15 F WG/16	
065	C12Q	C	EP	EP	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
066	C12S	C	US	FR	E WG/13 F WG/14	
067	A01D	M	SE			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
068	A01F	M	SE			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
069	A23K	M	SE			Comments by 22.12.06/ Observations pour le 22.12.06
070	A23L	M	GB	CH	E WG/15 F WG/16	
071	A62D	C	EP	EP	E WG/15 F WG/15	Initial proposal by 29.12.06/ Proposition initiale pour le 29.12.06
072	G07F	E	EP	EP	E WG/15 F WG/16	
073	B03D	M	GB	EP	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
074	B04B	M	GB	EP		Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
075	B04C	M	GB	EP		Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
076	B05B	M	GB	EP		Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
077	B07B	M	GB	EP		Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
078	G21J	M	GB			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
079	A63B	M	GB			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
080	A63H	M	GB	CH	E WG/15 F WG/16	
081	B65D	M	GB			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
082	G02F	E	EP	EP	E WG/15 F WG/16	
083	H01S	E	EP	EP	E WG/15 F WG/16	
084	H05C	E	GB	CH	E WG/15 F WG/16	
085	H05F	E	GB	CH	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07

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086	H04M	E	SE			Rapporteur report by 22.12.06/ Rapport du rapporteur pour le 22.12.06
087	H04Q	E	SE			Comments by 23.02.07/ Observations pour le 23.02.07
088	C06B	C	EP	EP	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
089	C23F	C	EP	EP		Comments by 23.02.07/ Observations pour le 23.02.07
090	C08F	C	GB	FR	E WG/15 F WG/16	
091	C08G	C	GB	FR	E WG/15 F WG/16	
092	C08H	C	GB	EP	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
093	C08L	C	GB			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
094	C09D	C	GB	CH	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
095	C09J	C	GB	CH	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
096	C07B	C	SE			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
097	C07H	C	SE			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
098	A61F	M	DE			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
099	C02F	C	DE			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
100	C08K	C	DE			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
101	F16C	M	DE			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
102	F16D	M	DE			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
103	F16G	M	DE			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
104	A61C	M	US	FR	E WG/15 F WG/16	Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
105	A61D	M	US			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
106	A61H	M	US			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
107	A61J	M	US			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
108	A61L	M	US			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07

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109	A61M	M	US	FR		Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
110	C01D	C	IE			Initial proposal by 26.01.07/ Proposition initiale pour le 26.01.07
111	C01F	C	IE			Initial proposal by 26.01.07/ Proposition initiale pour le 26.01.07
112	C01B	C	US			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
113	C01C	C	US			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
114	C01G	C	US			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
115	C22C	C	US			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
116	C22B	C	US			Indication of approval by 30.03.07/ Indication d'approbation pour le 30.03.07
117	C22F	C	US			Rapporteur report by 23.02.07/ Rapport du rapporteur pour le 23.02.07
118	H01B	E	US	FR	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
119	H01C	E	US	FR	E WG/15 F WG/16	
120	H01F	E	US	CH	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
121	H01G	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
122	H01J	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
123	H01K	E	US	FR	E WG/16	French version by 30.03.07/ Version française pour le 30.03.07
124	H04H	E	JP			See project C 434/ Voir le projet C 434
125	H04W	E	EP	EP		See project C 435/ Voir le projet C 435
126	G10B	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
127	G10C	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
128	G10D	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
129	G10F	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
130	G10G	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
131	G10H	E	US			Comments by 23.02.07/ Observations pour le 23.02.07

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132	G10K	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
133	G10L	E	US			Comments by 23.02.07/ Observations pour le 23.02.07
134	A45D	M	EP	EP		Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
135	A47J	M	EP	EP		Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
136	A63D	M	GB			Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
137	C10J	C	GB			Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
138	H05B	E	GB			Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
139	F23Q	M	SE			Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
140	F23R	M	SE			Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
141	C30B	C	US			Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
142	G12B	E	EP	EP		Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
143	G21G	E	GB			Initial proposal by 23.02.07/ Proposition initiale pour le 23.02.07
144	B22F	M				
145	B23Q	M				
146	B24B	M				
147	B24C	M				
148	B25B	M				
149	B25D	M				
150	B25F	M				
151	B25H	M				
152	B26D	M				
153	B27B	M				
154	B27G	M				
155	B42D	M				
156	B43L	M				
157	B44B	M				
158	B44F	M				
159	B63B	M				
160	B65G	M				
161	E01C	M				
162	E01F	M				

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	Translation by/ Traduction par	Status/ État d'avancement	Next actions/ Prochaines actions
163	E03D	M				
164	E04C	M				
165	E04G	M				
166	E04H	M				
167	G06K	E				
168	H03K	E				
169	E04F	M				

[Technical Annexes follow/
Les annexes techniques suivent]

TECHNICAL ANNEXES/ANNEXES TECHNIQUES

Technical Annexes Relating to Revision Projects/
Annexes techniques relatives aux projets de révision

ANNEXE 1F A01N [**Projet-Rapporteur : C432/CN**] <WG16>

- CL C 65/00 *Biocides, produits repoussant ou attirant les animaux nuisibles, ou régulateurs de croissance des végétaux, ~~contenant des substances végétales, p.ex. des champignons supérieurs, de la racine de derris~~ contenant du matériel provenant d'algues, de lichens, de bryophytes, de champignons multicellulaires ou de plantes, ou leurs extraits (contenant des composés de constitution déterminée A01N 27/00-A01N 59/00)*
- AL D 65/02 (transféré en [A01N 65/38](#))
- CL N 65/03 • *Algues*
- CL N 65/04 • *Pteridophyta [fougères et apparentés]; Filicophyta [fougères]*
- CL N 65/06 • *Coniferophyta [gymnospermes], p.ex. cyprès*
- CL N 65/08 • *Magnoliopsida [dicotylédones]*
- CL N 65/10 • • *Apiaceae ou umbelliferae [famille de la carotte], p.ex. persil, carvi, aneth, livèche, fenouil ou "snakebed" [Cnidium monnieri]*
- CL N 65/12 • • *Asteraceae ou compositae [famille de l'aster ou du tournesol], p.ex. marguerite, pyrèthre, artichaut, laitue, tournesol, armoise ou estragon*
- CL N 65/14 • • *Celastraceae [famille du bourreau des arbres ou de la camarine], p.ex. fusain, camarine ou "thunder god vine" [Tripterygium wilfordii]*
- CL N 65/16 • • *Ericaceae [famille de la bruyère ou de la myrtille], p.ex. rhododendron, arbousier, andromède, canneberge ou airelle*
- CL N 65/18 • • *Euphorbiaceae [famille de l'euphorbe], p.ex. ricinus [ricin]*
- CL N 65/20 • • *Fabaceae ou leguminosae [famille du pois ou des légumineuses], p.ex. pois, lentille, soja, trèfle, acacia, robinier, derris ou millettia*
- CL N 65/22 • • *Lamiaceae ou labiatae [famille de la menthe], p.ex. thym, romarin, scutellaire, brunelle, lavande, perilla, menthe pouliot, menthe poivrée ou menthe verte*
- CL N 65/24 • • *Lauraceae [famille du laurier], p.ex. laurier, avocat, sassafras, cannelle ou camphre*
- CL N 65/26 • • *Meliaceae [famille du margousier ou de l'acajou], p.ex. acajou, langsat ou Azadirachta*
- CL N 65/28 • • *Myrtaceae [famille du myrte], p.ex. cajepulier ou clou de girofle*
- CL N 65/30 • • *Polygonaceae [famille du sarrasin], p.ex. renouée persicaire ou rhubarbe*

- CL N 65/32 • • *Ranunculaceae* [famille du bouton d'or], p.ex. hépatique, hydraste du Canada ou ancolie
- CL N 65/34 • • *Rosaceae* [famille de la rose], p.ex. fraise, aubépine, prune, cerise, pêche, abricot ou amande
- CL N 65/36 • • *Rutaceae* [famille de la rue], p.ex. citron vert, orange, citron, chêne-liège ou clavelier
- CL N 65/38 • • *Solanaceae* [famille de la pomme de terre], p.ex. *Solanum ptycanthum*, tomate, tabac ou piment
- CL N 65/40 • *Liliopsida* [monocotylédones]
- CL N 65/42 • • *Aloeaceae* [famille de l'aloès] ou *liliaceae* [famille du lys], p.ex. aloès, vératre, oignon, ail ou ciboulette
- CL N 65/44 • • *Poaceae* ou *gramineae* [famille des céréales], p.ex. bambou, citronnelle ou verveine des Indes
- CL N 65/46 • • *Stemonaceae* [famille du stemona], p.ex. croomia
- CL N 65/48 • • *Zingiberaceae* [famille du gingembre], p.ex. gingembre ou grand galanga

ANNEX 2E H04H [Project-Rapporteur : C434/JP] <WG16>

CL M Note H04H ~~← Note 1 Deleted →~~
~~← Text deleted →~~
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1. *In this subclass , the following terms or expressions are used with the meaning indicated:*
 - *“broadcast” is simultaneous distribution of identical signals to plural receiving stations. The term "broadcast" does not include distribution to receiving stations which is controlled by requests or responses from the receiving stations; [new]*
 - *“broadcast information” covers all kinds of information distributed by broadcast systems; [new]*
 - *“broadcast-related information” is information required by services provided via broadcast systems, other than broadcast information; [new]*
 - *“broadcast time” is a time when particular broadcast information exists and is available; [new]*
 - *“broadcast channel” is a channel via which broadcast information is distributed, e.g. carrier waves, time slots, cables or wireless broadcast service areas; [new]*
 - *“broadcast space” is either a set of broadcast channels in which particular broadcast information exists and is available or a geographical area determined by the set of broadcast channels; [new]*
 - *“broadcast space-time” is space-time determined by broadcast space and broadcast time in which particular broadcast information exists and is available; [new]*

- “broadcast system” is a system which consists of transmitter, transponder and receiver for broadcast; [new]
- “broadcast-related system” is a system which is directly affected by generation, broadcast, reception or use of broadcast information; [new]
- “broadcast service” is a service directly provided by a broadcast system, i.e. distribution service of broadcast information; [new]
- “broadcast-related service” is a service provided by broadcast-related systems; [new]
- “A with a direct linkage to B” means that A directly affects B or that A is directly affected by B. [new]

2. In this subclass, multi-aspect classification is applied, so that subject matter characterised by aspects covered by more than one of its groups, which is considered to represent information of interest for search, may also be classified in each of those groups. [new]

CL D 1/00 (transferred to **H04H 20/00-H04H 60/00**)

CL D 1/02 (transferred to **H04H 20/76**)

CL D 1/04 (transferred to **H04H 20/77**)

CL D 3/00 (transferred to **H04H 20/67**)

CL D 5/00 (transferred to **H04H 20/00-H04H 60/00**)

CL D 7/00 (transferred to **H04H 60/04**)

CL D 9/00 (transferred to **H04H 20/00-H04H 60/00**)

CL N 20/86 · Arrangements characterised by special technical features of the broadcast information, e.g. signal form or information format

ANNEXE 2F H04H [Projet-Rapporteur : C434/JP] <WG16>

CL M Titre **RADIODIFFUSION** (~~transmission en général H04B~~; communication multiplex **H04J**; aspects des systèmes de radiodiffusion qui se rapportent à la communication d'images H04N)

CL D 1/00 (transféré en **H04H 20/00-H04H 60/00**)

CL D 1/02 (transféré en **H04H 20/76**)

CL D 1/04 (transféré en **H04H 20/77**)

CL D 3/00 transféré en **H04H 20/67**)

CL D 5/00 (transféré en **H04H 20/00-H04H 60/00**)

- CL D 7/00 (transféré en **H04H 60/04**)
- CL D 9/00 (transféré en **H04H 20/00-H04H 60/00**)
- CL N **20/00** *Dispositions de radiodiffusion ou de distribution combinée à la radiodiffusion*
- CL N 20/02 • *Dispositions pour la retransmission des informations radiodiffusées*
- CL N 20/10 • *Dispositions pour le remplacement ou la commutation des informations lors de la radiodiffusion ou de la distribution*
- CL N 20/12 • *Dispositions de surveillance, de test ou de dépannage*
- CL N 20/16 • *Dispositions de radiodiffusion ou de distribution répétée d'informations identiques*
- CL N 20/18 • *Dispositions de synchronisation de la radiodiffusion ou de la distribution par l'intermédiaire de plusieurs systèmes*
- CL N 20/20 • *Dispositions de radiodiffusion ou de distribution d'informations identiques par l'intermédiaire de plusieurs systèmes*
- CL N 20/26 • *Dispositions de commutation de systèmes de distribution*
- CL N 20/28 • *Dispositions de radiodiffusion simultanée de plusieurs éléments d'information*
- CL N 20/38 • *Dispositions de distribution pour les cas où des stations inférieures, p.ex. des récepteurs, interagissent avec la radiodiffusion*
- CL N 20/40 • *Dispositions de radiodiffusion spécialement adaptées à des récepteurs du type à accumulation*
- CL N 20/42 • *Dispositions de gestion des ressources*
- CL N 20/44 • *Dispositions caractérisées par des circuits ou composants spécialement adaptés à la radiodiffusion*
- CL N 20/53 • *Dispositions spécialement adaptées à des applications spécifiques p.ex. pour les informations sur le trafic ou pour les récepteurs mobiles*
- CL N 20/65 • *Dispositions caractérisées par des systèmes de transmission pour la radiodiffusion*
- CL N 20/67 • • *Systèmes à ondes communes, c.-à-d. utilisant des émetteurs séparés fonctionnant sensiblement sur la même fréquence*
- CL N 20/76 • • *Systèmes à fils*
- CL N 20/77 • • • *utilisant des ondes porteuses*
- CL N 20/88 • • *Systèmes de radiodiffusion stéréophonique*
- CL N **40/00** *Dispositions spécialement adaptées à la réception d'informations radiodiffusées*

- CL N 40/09 • *Dispositions permettant de recevoir automatiquement des informations souhaitées selon des programmes horaires*
- CL N 40/18 • *Dispositions caractérisées par des circuits ou composants spécialement adaptés à la réception*
- CL N 60/00 ***Dispositions pour des applications de radiodiffusion avec un lien direct vers les informations radiodiffusées ou le créneau spatio-temporel de radiodiffusion; Systèmes liés à la radiodiffusion***
- CL N 60/02 • *Dispositions pour la production d'informations radiodiffusées; Dispositions pour la production d'informations liées à la radiodiffusion avec un lien direct vers les informations radiodiffusées ou le créneau spatio-temporel de radiodiffusion; Dispositions pour la production simultanée d'informations radiodiffusées et d'informations liées à la radiodiffusion*
- CL N 60/04 • • *Équipement de studio; Interconnexion des studios*
- CL N 60/09 • *Dispositions de commande de dispositifs avec un lien direct vers les informations radiodiffusées ou le créneau spatio-temporel de radiodiffusion; Dispositions de commande de services liés à la radiodiffusion*
- CL N 60/25 • *Dispositions de mise à jour des informations radiodiffusées ou des informations liées à la radiodiffusion*
- CL N 60/27 • *Dispositions d'enregistrement ou d'accumulation des informations radiodiffusées ou des informations liées à la radiodiffusion*
- CL N 60/29 • *Dispositions de surveillance des services de radiodiffusion ou des services liés à la radiodiffusion*
- CL N 60/31 • • *Dispositions de surveillance de l'utilisation des services de radiodiffusion*
- CL N 60/35 • *Dispositions d'identification ou de reconnaissance de caractéristiques avec un lien direct vers les informations radiodiffusées ou le créneau spatio-temporel de radiodiffusion, p.ex. pour identifier les stations de radiodiffusion ou pour identifier les utilisateurs*
- CL N 60/56 • *Dispositions caractérisées par des composants spécialement adaptés à la surveillance, l'identification ou la reconnaissance, couverts par les groupes [H04H 60/29](#) ou [H04H 60/35](#)*
- CL N 60/61 • *Dispositions pour des services utilisant le résultat de la surveillance, de l'identification ou de la reconnaissance, couverts par les groupes [H04H 60/29](#) ou [H04H 60/35](#)*
- CL N 60/68 • *Systèmes spécialement adaptés à l'utilisation d'informations spécifiques, p.ex. d'informations géographiques ou météorologiques*
- CL N 60/76 • *Dispositions caractérisées par des systèmes de transmission autres que ceux utilisés pour la radiodiffusion, p.ex. Internet*
-

ANNEX 3E H04B [Project-Rapporteur : C435/EP] <WG16>

CL M Title TRANSMISSION (transmission systems for measured values, control or similar signals **G08C** ; speech analysis or synthesis **G10L** ; coding, decoding or code conversion, in general **H03M** ; broadcast communication **H04H** ; multiplex systems **H04J** ; secret communication **H04K** ; transmission of digital information **H04L**; *wireless communication networks H04W*)

ANNEX 4E H04L [Project-Rapporteur : C435/EP] <WG16>

CL M Title TRANSMISSION OF DIGITAL INFORMATION, e.g. TELEGRAPHIC COMMUNICATION (typewriters **B41J** ; order telegraphs, fire or police telegraphs **G08B** ; visual telegraphy **G08B**, **G08C** ; teleautographic systems **G08C** ; ciphering or deciphering apparatus *per se* **G09C** ; coding, decoding or code conversion, in general **H03M** ; arrangements common to telegraphic and telephonic communication **H04M** ; selecting **H04Q**; *wireless communication networks H04W*)

CL M 9/32 · including means for verifying the identity or authority of a user of the system (~~computer systems **G06F**~~; ~~coin freed or like apparatus with~~*security arrangements for protecting computers or computer systems against unauthorised activity **G06F 21/00** ; dispensing apparatus actuated by coded identity card or credit card **G07F 7/08**; specially adapted for wireless communication networks **H04W 12/00***)

ANNEX 5E H04M [Project-Rapporteur : C435/EP] <WG16>

CL M Title TELEPHONIC COMMUNICATION (counting mechanisms **G06M** ; circuits for controlling other apparatus via a telephone cable and not involving telephone switching apparatus **G08** ; reels or other take-up devices for cords **H02G 11/00** ; multiplex transmission between switching centres **H04J** ; selecting arrangements **H04Q** ; loudspeakers, microphones, gramophone pick-ups or like electromechanical transducers **H04R**; *wireless communication networks H04W*)

CL M 3/42 · Systems providing special services or facilities to subscribers (*specially adapted for wireless communication networks **H04W 4/00**)*

ANNEX 6E H04W [Project-Rapporteur : C435/EP] <WG16>

CL N Title **WIRELESS COMMUNICATION NETWORKS**

- CL N *Note*
H04W
1. This subclass covers :
 - *communication networks for selectively establishing one or a plurality of wireless communication links between a desired number of users or between users and network equipment, for the purpose of transferring information via these wireless communication links; [new]*
 - *networks deploying an infrastructure for mobility management of wireless users connected thereto, e.g. cellular networks, WLAN [Wireless Local Area Network], wireless access networks, e.g. WLL [Wireless Local Loop] or self-organising wireless communication networks, e.g. ad hoc networks; [new]*
 - *planning or deployment specially adapted for the above-mentioned wireless networks; [new]*
 - *services or facilities specially adapted for the above-mentioned wireless networks; [new]*
 - *arrangements or techniques specially adapted for the operation of the above-mentioned wireless networks. [new]*
 2. This subclass does not cover :
 - *communication systems using wireless extensions, i.e. wireless links without selective communication, e.g. cordless telephones, which are covered by group [H04M 1/72](#); [new]*
 - *broadcast communication, which is covered by subclass [H04H](#); [new]*
 - *arrangements using wireless links for telecontrol or telemetry systems, which are covered by group [H04Q 9/00](#). [new]*
 3. *In this subclass, at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place. [new]*

CL N **4/00** *Services or facilities specially adapted for wireless communication networks*

CL N 4/02 • *Services making use of the location of users or terminals*

CL N 4/04 • *Selective distribution of broadcast; Services to user groups; One-way selective calling services*

CL N 4/06 • *Messaging, e.g. SMS [Short Messaging Service]; Mailboxes; Announcements*

CL N 4/08 • *Communication-related supplementary services, e.g. call-transfer or call-hold*

CL N 4/10 • *Media conversion*

CL N 4/12 • *Auxiliary data signalling, i.e. transmitting data via a non-traffic channel*

CL N 4/14 • *Emergency connection handling*

CL N 4/16 • *Accounting or billing*

CL N **8/00** *Network data management*

- CL N 8/02 • *Processing of mobility data, e.g. registration information at HLR [Home Location Register] or VLR [Visitor Location Register]; Transfer of mobility data, e.g. between HLR, VLR or external networks*
- CL N 8/08 • *Processing of user or subscriber data, e.g. subscribed services, user preferences or user profiles; Transfer of user or subscriber data*
- CL N 8/12 • *Processing or transfer of terminal data, e.g. status or physical capabilities*
- CL N 12/00 *Security arrangements, e.g. access security or fraud detection; Authentication, e.g. verifying user identity or authorisation; Protecting privacy or anonymity*
- CL N 16/00 *Network planning, e.g. coverage or traffic planning tools; Network deployment, e.g. resource partitioning or cell structures*
- CL N 24/00 *Supervisory, monitoring or testing arrangements*
- CL N 28/00 *Network traffic or resource management*
- CL N 28/02 • *Traffic management, e.g. flow control or congestion control*
- CL N 28/08 • *Central resource management; Negotiation of resources, e.g. negotiating bandwidth or QoS [Quality of Service]*
- CL N 36/00 *Handoff or reselecting arrangements*
- CL N 40/00 *Path finding or routing*
- CL N 40/02 • *Path or route selection, e.g. power-based or shortest path routing*
- CL N 40/04 • *Connectivity information management, e.g. connectivity discovery or connectivity update*
- CL N 44/00 *Connection management, e.g. connection set-up, manipulation or release*
- CL N 48/00 *Access restriction; Network selection; Access point selection*
- CL N 52/00 *Power management, e.g. TPC [Transmission Power Control], power saving or power classes*
- CL N 56/00 *Synchronisation arrangements*
- CL N 60/00 *Registration, e.g. affiliation to network; De-registration, e.g. terminating affiliation*
- CL N 64/00 *Locating users or terminals*
- CL N 68/00 *Notification of users, e.g. alerting for incoming communication or change of service*
- CL N 72/00 *Local resource management; Wireless resource access*
- CL N 80/00 *Wireless network protocols or protocol adaptations to wireless operation, e.g. WAP [Wireless Application Protocol]*

- CL N 84/00 *Network topologies*
- CL N 84/02 • *Hierarchically pre-organized networks, e.g. paging networks, cellular networks, WLAN or WLL*
- CL N 84/08 • *Self-organising networks, e.g. ad hoc networks or sensor networks*
- CL N 88/00 *Devices specially adapted for wireless communication networks, e.g. terminals, base stations or access point devices*
- CL N 92/00 *Interfaces specially adapted for wireless communication networks*
- CL N 99/00 *Subject matter not provided for in other groups of this subclass*
-

ANNEX 7E B41F [Project-Rapporteur : C437/SE] <WG16>

- AL D 17/06 (transferred to **B41F 17/13**)
- CL M 17/08 • for printing on filamentary or elongated articles *or material*, or on articles with cylindrical surfaces
- AL M 17/10 • • on articles *or material* of indefinite length, e.g. wires, hoses, tubes, *or* yarns
- AL N 17/13 • • • *for printing on rolls of material, the roll serving as impression cylinder, e.g. strip printers*
-

ANNEXE 7F B41F [Projet-Rapporteur : C437/SE] <WG16>

- AL D 17/06 (transféré en **B41F 17/13**)
- CL M 17/08 • pour l'impression d'objets ~~filiformes ou allongés~~ *ou de matériaux filiformes ou allongés*, ou d'articles de surfaces cylindriques
- AL M 17/10 • • d'objets *ou de matériaux* de longueur indéfinie, p.ex. fils de fer, tubes, tuyaux, *ou* filés
- AL N 17/13 • • • *pour l'impression de rouleaux de matériaux, ces rouleaux servant de cylindres d'impression, p.ex. imprimeurs de bandes*
-

ANNEX 8E F21 [Project-Rapporteur : C438/US] <WG16>

- AL M Note
F21
1. Attention is drawn to Note III following the Contents of Section H.
 2. Attention is drawn ---

- CL M Note 1. Attention is drawn to Note III following the Contents of Section H.
only F21 2. Attention is drawn ---

ANNEX 9E F21L [Project-Rapporteur : C438/US] <WG16>

CL M Title **LIGHTING DEVICES OR SYSTEMS THEREOF, BEING PORTABLE OR SPECIALLY ADAPTED FOR TRANSPORTATION (*burners F23D*)**

- CL M Note 2. --- covered by subclass **F21S**.
F21L 3. *Non-electric lighting devices are classified in groups F21L 17/00-F21L 26/00 only if a special adaptation related to the use of a non-electric light source is of interest. If there is no such special adaptation, classification is made in a relevant general place, e.g. in F21V 21/00 for suspending arrangements. [new]*

CL D Guidance < Deleted >
heading
2/00-
14/00

CL M 2/00 ~~Systems of lighting devices~~*electric lighting devices (systems employing both electric and non-electric light sources or exchangeable light sources F21L 27/00)*

CL M 4/00 ~~Devices~~*Electric lighting devices with self-contained electric batteries or cells*

CL M 13/00 ~~Devices~~*Electric lighting devices with built-in electric generators (with solar cells F21L 4/00)*

CL M 14/00 ~~Devices~~*Electric lighting devices without a self-contained power source, e.g. for mains connection*

CL D Guidance < Deleted >
heading
17/00-
26/00

CL M 17/00 ~~Torches ; Flares~~*Non-electric torches ; Non-electric flares*

CL M 19/00 ~~Lanterns~~*Non-electric lanterns, e.g. hurricane lamps, candle lamps (candle holders F21V 35/00)*

CL M 21/00 ~~Pocket-lamps, e.g.~~*Non-electric pocket-lamps, e.g. lamps producing sparks*

CL M 23/00 ~~Miners' hand-lamps~~*Non-electric hand-lamps for miners*

CL M 26/00 **Non-electric portable lighting devices, or systems thereof, not provided for in groups F21L 17/00-F21L 23/00**

CL M 27/00 ~~Devices or systems~~ *Lighting devices or systems, employing combinations of electric and non-electric light sources ; Replacing ~~electric by~~ or exchanging electric light sources with non-electric light sources or vice versa in lighting devices or systems*

ANNEX 10E F21S [Project-Rapporteur : C438/US] <WG16>

- CL M Note 2. --- covered by subclass **F21L**.
- F21S 3. *Non-electric lighting devices or systems are classified in groups **F21S 11/00-F21S 15/00** only if a special adaptation related to the use of a non-electric light source is of interest. If there is no such special adaptation, classification is made in a relevant general place, e.g. in **F21V 21/00** for suspending arrangements. When patent documents disclose only general-purpose lighting devices or light sources proper for class **F21**, e.g., a lamp, they are classified based upon their claimed or fully disclosed features, and when this is not possible, they are classified within the group for electric lighting devices or sources that otherwise covers their invention information. [new]*
-

ANNEX 11E F21V [Project-Rapporteur : C438/US] <WG16>

- AL M Note 1. *Groups **F21V 1/00 -F21V 14/00** cover details of those parts involved in light emission or distribution. Groups **F21V 15/00-F21V 31/00** cover details of those parts not so involved. [new]*
- F21V 2. *Details of non-electric lighting devices or systems are classified in groups **F21V 35/00-F21V 37/00** only if a special adaptation related to the use of a non-electric light source is of interest. If there is no such special adaptation, classification is made in a relevant general place, e.g. in **F21V 21/00** for suspending arrangements. [new]*

- CL N Note 1. *Groups **F21V 1/00-F21V 14/00** cover details of those parts involved in light emission or distribution. Groups **F21V 15/00-F21V 31/00** cover details of those parts not so involved. [new]*
- only F21V 2. *Details of non-electric lighting devices or systems are classified in groups **F21V 35/00-F21V 37/00** only if a special adaptation related to the use of a non-electric light source is of interest. If there is no such special adaptation, classification is made in a relevant general place, e.g. in **F21V 21/00** for suspending arrangements. [new]*

CL D Guidance < Deleted >
heading
1/00-
14/00

CL M 1/00 *Shades for light sources*

CL M 5/00 Refractors *for light sources*

CL M 7/00 Reflectors *for light sources*

CL M 11/00 Screens not covered by groups **F21V 1/00, F21V 3/00, F21V 7/00, or F21V 9/00**

CL D Guidance < Deleted >
heading
15/00-
37/00

Technical Annexes Relating to Projects M 013 and M 014/
Annexes techniques relatives aux projets M 013 et M 014

ANNEX 12E G05G [Project-Rapporteur : M013/IB] <WG16>

CL U 7/00 < unchanged >

CL U 9/00 < unchanged >

CL U 11/00 < unchanged >

CL U 13/00 < unchanged >

ANNEXE 12F G05G [Projet-Rapporteur : M013/IB] <WG16>

CL M 7/00 Mécanismes ~~de commande manœuvrés à la main~~ *de commande manuelle* équipés d'un seul organe de commande travaillant avec un seul organe commandé ; Parties constitutives de ces mécanismes (organes de commande **G05G 1/00**)

CL M 9/00 Mécanismes ~~de commande manœuvrés à la main~~ *de commande manuelle* équipés d'un seul organe de commande travaillant avec plusieurs organes commandés, p.ex. en sélection, simultanément

CL M 11/00 Mécanismes ~~de commande manœuvrés à la main~~ *de commande manuelle* équipés de plusieurs organes de commande travaillant avec un seul organe commandé

CL M 13/00 Mécanismes ~~de commande manœuvrés à la main~~ *de commande manuelle* équipés de plusieurs organes de commande ainsi que de plusieurs organes commandés (verrouillage **G05G 5/08**)

ANNEX 13E B60 [Project-Rapporteur : M014/IB] <WG16>

- CL M Note In this class ---
B60
- "vehicle" means all ---
- Thus the term ---
- The following exceptions ---
 - f. --- waterborne vessels **B63B 57/00**, **B63B 59/00**;
 - g. subclass **B60T** includes brake control systems of general applicability, and in this respect it is not limited to vehicles. It also includes rail-vehicle power-brake systems and some other features of rail-vehicle brake systems -;
 - h. subclass **B60V** embraces air-cushion vehicles per se and land vehicles, waterborne vessels or aircraft combined with features allowing them to alternatively operate as air-cushion vehicles or to be partially supported by an air cushion. [new]

ANNEX 14E B63H [Project-Rapporteur : M014/IB] <WG16>

- CL M Title **MARINE PROPULSION OR STEERING** (*propulsion of air-cushion vehicles B60V 1/14*; peculiar to submarines, other than nuclear propulsion, **B63G**; peculiar to torpedoes **F42B 19/00**)

Technical Annexes Relating to Project M 031/
Annexes techniques relatives au projet M 031

ANNEX 15E A01B [Project-Rapporteur : M031/IB] <WG16>

- CL M Guidance Parts, details or accessories of agricultural machines or implements, in general (~~seat heading constructions **A47C**; wheels **B60B**; shelters for drivers **B60J**; seats specially adapted for vehicles, arrangement or mounting of seats in vehicles **B60N 2/00**; wheel scrapers **B60S 1/68**)~~

ANNEXE 15F A01B [Projet-Rapporteur : M031/IB] <WG16>

- CL M Rubrique Parties constitutives ou accessoires des machines ou instruments agricoles, en général (~~d'orientation structure des sièges **A47C**; roues **B60B**; abris pour conducteurs **B60J**; sièges spécialement adaptés aux véhicules, leur agencement ou leur montage dans les véhicules **B60N 2/00**; grattoirs de roues **B60S 1/68**)~~

ANNEX 16E A01D [Project-Rapporteur : M031/IB] <WG16>

- CL M Guidance Hand implements (~~devices for picking apples or like fruit A01D 46/24 ; soil working heading implements not specially adapted for harvesting A01B 1/00~~)
1/00-
11/00
- CL M 1/00 Hand-cutting implements for harvesting (*devices for picking apples or like fruits A01D 46/24 ; hedge trimming means A01G 3/04*)
- CL M 11/00 Other hand implements (*devices for picking apples or like fruits A01D 46/24*)
- CL M Guidance Harvesters or mowers for grass, cereals or other crops (~~component parts thereof A01D 57/00-A01D 69/00 ; accessories therefor A01D 75/00~~)
34/00-
51/00
- CL M Guidance Components of harvesters or mowers for grass or cereals (~~mowing apparatus A01D 34/00 ; wheels B60B ; wheel scrapers B60S 1/68~~)
57/00-
69/00
- CL M Guidance Haymakers (~~combined with mowers A01D 43/04~~) ; Crop conditioners
heading
76/00-
84/00
- CL M 76/00 Haymakers with tines that are stationary with respect to the machine during operation but that may be liftable for dumping (*haymakers combined with mowers A01D 43/04*)
- CL M 78/00 Haymakers with tines moving with respect to the machine (*haymakers combined with mowers A01D 43/04*)
- CL M 84/00 Haymakers not provided for in a single one of groups A01D 76/00-A01D 82/00 (*haymakers combined with mowers A01D 43/04*)

ANNEXE 16F A01D [Projet-Rapporteur : M031/IB] <WG16>

- CL M Rubrique Outils à main (~~dispositifs pour la cueillette des pommes ou de fruits similaires A01D 46/24 ; outils de travail de la terre non adaptés particulièrement aux travaux de récolte d'orientation 1/00- 11/00 A01B 1/00~~)
- CL M 1/00 Outils de coupe à main pour récolter (*dispositifs pour la cueillette des pommes ou de fruits similaires A01D 46/24 ; appareils à tailler les haies A01G 3/04*)
- CL M 11/00 Autres outils à main (*dispositifs pour la cueillette des pommes ou de fruits similaires A01D 46/24*)

- CL M Rubrique Moissonneuses ou faucheuses pour herbages, céréales ou autres végétaux (~~éléments d'orientation constitutifs A01D 57/00-A01D 69/00 ; accessoires A01D 75/00~~)
34/00-
51/00
- CL M Rubrique Éléments constitutifs des moissonneuses ou des faucheuses pour herbages ou céréales (~~d'orientation appareils de fauchage A01D 34/00 ; roues B60B ; grattoirs de roues B60S 1/68~~)
57/00-
69/00
- CL M Rubrique Faneuses (~~combinées avec des faucheuses A01D 43/04~~); Machines de traitement de
d'orientation la récolte
76/00-
84/00
- CL M 76/00 Faneuses à dents qui restent fixes par rapport à la machine pendant son
fonctionnement, mais qui peuvent être relevables pour la décharge (*faneuses
combinées avec des faucheuses A01D 43/04*)
- CL M 78/00 Faneuses à dents mobiles par rapport à la machine (*faneuses combinées avec des
faucheuses A01D 43/04*)
- CL M 84/00 Machines non prévues dans un seul des groupes A01D 76/00-A01D 82/00 (*faneuses
combinées avec des faucheuses A01D 43/04*)
-

ANNEX 17E A01F [Project-Rapporteur : M031/IB] <WG16>

- CL M Guidance Baling of straw, hay or the like (~~baling presses in general, briquetting presses B30B~~)
heading
13/00-
15/00
- CL M Guidance Accessories for threshing machines or baling presses (~~loaders for sheaves, stacks or bales
heading A01D 87/12 ; trailers B62D 63/06~~)
17/00-
21/00
- CL M 21/00 Devices for *threshing machines or baling presses for* protecting human beings (in
combines A01D 75/20 ; safety devices in general F16P)
-

ANNEXE 17F A01F [Projet-Rapporteur : M031/IB] <WG16>

- CL M Rubrique Mise en balles de la paille, du foin ou de produits similaires (~~presses pour mise en
d'orientation balles en général, presses à briquettes B30B~~)
13/00-
15/00

CL M Rubrique Accessoires pour batteuses ou presses à balles (~~chargeurs pour gerbes, meules ou d'orientation balles A01D 87/12 ; remorques B62D 63/06~~)
17/00-
21/00

CL M 21/00 ~~Dispositif~~*Dispositifs* de protection des êtres humains *pour batteuses ou presses* (sur des moissonneuses-batteuses A01D 75/20 ; dispositifs de sécurité en général F16P)

ANNEX 18E A01J [Project-Rapporteur : M031/IB] <WG16>

CL M Guidance Milking (~~milking stations A01K 1/12~~)
heading
1/00-
9/00

CL M 5/00 Milking machines or devices (A01J 1/00, A01J 3/00 take precedence ; *milking stations A01K 1/12*)

CL M 7/00 Accessories for milking machines or devices (*milking stations A01K 1/12*)

ANNEXE 18F A01J [Projet-Rapporteur : M031/IB] <WG16>

CL M Rubrique Traite (~~postes de traite A01K 1/12~~)
d'orientation
1/00- 9/00

CL M 5/00 Machines ou dispositifs pour la traite (A01J 1/00, A01J 3/00 ont priorité ; *postes de traite A01K 1/12*)

CL M 7/00 Accessoires pour les machines ou les dispositifs pour la traite (*postes de traite A01K 1/12*)

ANNEX 19E A01K [Project-Rapporteur : M031/IB] <WG16>

CL M Note --- This subclass covers :
A01K

- equipment for the care, culture or rearing of all animals or for obtaining their products, unless provided for elsewhere, e.g. milking A01J, shoeing animals A01L, veterinary devices A61D, ~~culture of animal cells C12M, C12N~~ *devices in connection with harnesses B68B*;
- methods of breeding ---

CL M Guidance Animal husbandry in general, especially cattle-raising (~~devices in connection with heading harnesses B68B~~)
1/00-
29/00

AL M 1/12 · Milking stations (~~devices for milking A01J 1/00 A01J 9/00~~)

CL M Guidance Fishing (~~fish stringers A01K 65/00 ; angling A01K 83/00 A01K 97/00~~)
heading
69/00-
81/00

ANNEXE 19F A01K [**Projet-Rapporteur : M031/IB**] <WG16>

CL M Note --- présente sous-classe couvre :
A01K

- l'équipement non prévu ailleurs utile pour soigner ou élever tous les animaux, ou pour recueillir ce qu'ils produisent, sauf si cet équipement est prévu ailleurs, p.ex. traite **A01J**, maréchalerie **A01L**, art vétérinaire **A61D**, ~~culture des cellules animales C12M, C12N~~ *dispositifs en rapport avec les harnais B68B*;
- les procédés d'obtention ---

CL M Rubrique Elevage en général, notamment élevage du bétail (~~dispositifs en rapport avec les d'orientation harnais B68B~~)
1/00- 29/00

AL M 1/12 · Postes de traite (~~dispositifs pour la traite A01J 1/00 A01J 9/00~~)

CL M Rubrique Pêche (~~cordes pour haler le gros poisson A01K 65/00 ; pêche à la ligne A01K 83/00- d'orientation A01K 97/00~~)
69/00-
81/00

Technical Annexes Relating to Project M 099/
Annexes techniques relatives au projet M 099

ANNEX 20E A01D [**Project-Rapporteur : M099/IB**] <WG16>

CL N 93/00 *Harvesting apparatus not provided for in other groups of this subclass*

ANNEXE 20F A01D [Projet-Rapporteur : M099/IB] <WG16>

CL N 93/00 *Appareils pour la récolte non prévus dans les autres groupes de la présente sous-classe*

ANNEX 21E A62B [Project-Rapporteur : M099/IB] <WG16>

CL D 37/00 (transferred to [A62B 99/00](#))

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 21F A62B [Projet-Rapporteur : M099/IB] <WG16>

CL D 37/00 (transféré en [A62B 99/00](#))

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 22E B21C [Project-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 22F B21C [Projet-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 23E B21F [Project-Rapporteur : M099/IB] <WG16>

CL D 21/00 (transferred to [B21F 99/00](#))

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 23F B21F [Projet-Rapporteur : M099/IB] <WG16>

CL D 21/00 (transféré en [B21F 99/00](#))

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 24E B31C [Project-Rapporteur : M099/IB] <WG16>

CL D 13/00 (transferred to **B31C 99/00**)

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 24F B31C [Projet-Rapporteur : M099/IB] <WG16>

CL D 13/00 (transféré en **B31C 99/00**)

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 25E B60D [Project-Rapporteur : M099/IB] <WG16>

CL D 7/00 (transferred to **B60D 99/00**)

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 25F B60D [Projet-Rapporteur : M099/IB] <WG16>

CL D 7/00 (transféré en **B60D 99/00**)

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 26E B60R [Project-Rapporteur : M099/IB] <WG16>

CL D 27/00 (transferred to **B60R 99/00**)

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 26F B60R [Projet-Rapporteur : M099/IB] <WG16>

CL D 27/00 (transféré en **B60R 99/00**)

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 27E B62C [Project-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 27F B62C [Projet-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 28E B63J [Project-Rapporteur : M099/IB] <WG16>

CL D 5/00 (transferred to [B63J 99/00](#))

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 28F B63J [Projet-Rapporteur : M099/IB] <WG16>

CL D 5/00 (transféré en [B63J 99/00](#))

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 29E B64G [Project-Rapporteur : M099/IB] <WG16>

CL D 9/00 (transferred to [B64G 99/00](#))

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 29F B64G [Projet-Rapporteur : M099/IB] <WG16>

CL D 9/00 (transféré en [B64G 99/00](#))

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 30E B67B [Project-Rapporteur : M099/IB] <WG16>

CL N 6/00 *Closing bottles, jars or similar containers by applying closure members, not provided for in groups B67B 1/00-B67B 5/00*

ANNEXE 30F B67B [Projet-Rapporteur : M099/IB] <WG16>

CL N 6/00 *Fermeture des bouteilles, des bocaux ou des récipients analogues par application de fermetures, non prévue dans les groupes B67B 1/00 à B67B 5/00*

ANNEX 31E B68G [Project-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 31F B68G [Projet-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 32E D04G [Project-Rapporteur : M099/IB] <WG16>

CL M 5/00 ~~Other knotting~~ *Knotting not otherwise provided for*

ANNEXE 32F D04G [Projet-Rapporteur : M099/IB] <WG16>

CL M 5/00 ~~Autre nouage~~ *Nouage non prévu ailleurs*

ANNEX 33E F02K [Project-Rapporteur : M099/IB] <WG16>

CL D 11/00 (transferred to F02K 99/00)

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 33F F02K [**Projet-Rapporteur : M099/IB**] <WG16>

CL D 11/00 (transféré en **F02K 99/00**)

CL N *99/00 Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 34E F03H [**Project-Rapporteur : M099/IB**] <WG16>

CL D 5/00 (transferred to **F03H 99/00**)

CL N *99/00 Subject matter not provided for in other groups of this subclass*

ANNEXE 34F F03H [**Projet-Rapporteur : M099/IB**] <WG16>

CL D 5/00 (transféré en **F03H 99/00**)

CL N *99/00 Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 35E F21H [**Project-Rapporteur : M099/IB**] <WG16>

CL N *7/00 Other incandescent bodies*

ANNEXE 35F F21H [**Projet-Rapporteur : M099/IB**] <WG16>

CL N *7/00 Autres corps incandescents*

ANNEX 36E F42D [**Project-Rapporteur : M099/IB**] <WG16>

CL D 7/00 (transferred to **F42D 99/00**)

CL N *99/00 Subject matter not provided for in other groups of this subclass*

ANNEXE 36F F42D [Projet-Rapporteur : M099/IB] <WG16>

CL D 7/00 (transféré en [F42D 99/00](#))

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 37E G01V [Project-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 37F G01V [Projet-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 38E G05G [Project-Rapporteur : M099/IB] <WG16>

CL M 25/00 Other details ~~or appartenances~~, *features or accessories* of control mechanisms, e.g. supporting intermediate members elastically

ANNEXE 38F G05G [Projet-Rapporteur : M099/IB] <WG16>

CL M 25/00 Autres parties constitutives, *caractéristiques* ou accessoires des mécanismes de commande, p.ex. suspensions élastiques des organes intermédiaires

ANNEX 39E G06G [Project-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 39F G06G [Projet-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 40E G10L [Project-Rapporteur : M099/IB] <WG16>

CL N 23/00 *Speech analysis not provided for in other groups of this subclass*

ANNEXE 40F G10L [Projet-Rapporteur : M099/IB] <WG16>

CL N 23/00 *Analyse de la parole non prévue dans les autres groupes de la présente sous-classe*

ANNEX 41E G21G [Project-Rapporteur : M099/IB] <WG16>

CL N 7/00 *Conversion of chemical elements not provided for in other groups of this subclass*

ANNEXE 41F G21G [Projet-Rapporteur : M099/IB] <WG16>

CL N 7/00 *Conversion d'éléments chimiques non prévue dans les autres groupes de la présente sous-classe*

ANNEX 42E H02B [Project-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 42F H02B [Projet-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 43E H02H [Project-Rapporteur : M099/IB] <WG16>

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 43F H02H [**Projet-Rapporteur : M099/IB**] <WG16>

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

ANNEX 44E H04J [**Project-Rapporteur : M099/IB**] <WG16>

CL D 15/00 (transferred to **H04J 99/00**)

CL N 99/00 *Subject matter not provided for in other groups of this subclass*

ANNEXE 44F H04J [**Projet-Rapporteur : M099/IB**] <WG16>

CL D 15/00 (transféré en **H04J 99/00**)

CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*

[End of Technical Annexes and of document/
Fin des annexes techniques et du document]