

WIPO



IPC/WG/17/2
ORIGINAL: English
DATE: June 26, 2007

WORLD INTELLECTUAL PROPERTY ORGANIZATION
GENEVA

SPECIAL UNION FOR THE INTERNATIONAL PATENT CLASSIFICATION
(IPC UNION)

IPC REVISION WORKING GROUP

Seventeenth Session
Geneva, June 4 to 8, 2007

REPORT

adopted by the Working Group

INTRODUCTION

1. The IPC Revision Working Group (hereinafter referred to as “the Working Group”) held its seventeenth session in Geneva from June 4 to 8, 2007. The following members of the Working Group were represented at the session: Brazil, Canada, China, Croatia, Egypt, Finland, France, Germany, Greece, Ireland, Israel, Japan, Mexico, Norway, Portugal, Republic of Korea, Romania, Russian Federation, Spain, Sweden, Switzerland, The Former Yugoslav Republic of Macedonia, United Kingdom, United States of America, African Intellectual Property Organization (OAPI), European Patent Office (EPO) (26). Ukraine was represented as observer. The list of participants appears as Annex I to this report.

2. The session was opened by Mr. F. Gurry, Deputy Director General, WIPO.

OFFICERS

3. The Working Group unanimously elected Mr. A. Bruun (Sweden) as Chair and Ms. O. Regev (Israel) as Vice-Chair for 2007.

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

ADOPTION OF THE AGENDA

5. The Working Group unanimously adopted the agenda, which appears as Annex II to this report.

DISCUSSIONS, CONCLUSIONS AND DECISIONS

6. 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-NINTH SESSION OF THE IPC COMMITTEE OF EXPERTS

7. The Secretariat presented an oral report on the thirty-ninth session of the IPC Committee of Experts (hereinafter referred to as the “the Committee” (see document IPC/CE/39/7), in particular, that the Committee had examined the request of the Working Group to consider the possibility of partial reclassification in areas with rapid rate of growth needing revision when there is a lack of resources for reclassification in one office of the Advanced Level Subcommittee (hereinafter referred to as “the ALS”). The Committee restated its position that, when carrying out a revision of the IPC, the results of the corresponding reclassification of, at least, the PCT minimum patent documentation, should be available at the moment of entering into force of the revised scheme and that this practice was an important feature of the reformed IPC that could not “tolerate” any exceptions. Instead, the Working Group should examine other alternatives, like a smaller-scale revision project, on the condition that resources for reclassification would be available before entering into force of the revised scheme.

8. In view of the continuing high workload of the Working Group, the Committee had agreed to ask all its members to allocate sufficient resources to the IPC revision and maintenance work in order to achieve wider participation in this work and to allow the completion of these tasks before the entry into force of the next core level edition.

9. The Secretariat informed of the status report of the Master Classification Database (MCD) that had been presented to the Committee, in particular that the IPC-8 coverage in the MCD had approached 91%, with frontfile classification data received from 35 countries. The reclassification of 80% of patent families corresponding to the revised areas of the IPC 2007.01 version, sent by 10 offices, had been loaded in the MCD in the first week of 2007 and had been immediately available for searching in EPOQUE and esp@cenet.

10. Finally, the Working Group was informed that the Committee had underlined the importance of the quality evaluation of the MCD contents and had agreed to create a special Task Force for this purpose.

11. In view of the above decision of the Committee that revision of the IPC should be allowed only when resources for reclassification of the PCT minimum documentation could be available, the Working Group expressed its concerns that revision of the IPC, even when considered urgently necessary, could be delayed, without any limitation in time, because of lack of resources for reclassification in one office of the ALS.

REPORT ON THE THIRD SESSION OF THE IPC ADVANCED LEVEL SUBCOMMITTEE

12. The Working Group noted an oral report by the Secretariat on the third session of the ALS (see document IPC/ALS/3/10), in particular, that the ALS had completed revision and reclassification work on project A 006 and that it had fixed the date of entering into force of this revision as of October 1, 2007. The advanced level scheme of project A 003/C 434 had been adopted and the whole project (including the core level entries approved by the Working Group) had been planned to enter into force in the advanced level on January 1, 2008.

13. Concerning project A 007, the ALS had agreed to create a new subclass covering scanning probe technology and to request the Working Group to consider the core level part of this proposal at its current session, in the framework of project C 448.

14. The ALS had examined seven revision requests submitted by the EPO originated from Harmony projects. Three of them had been included in the advanced level revision program, whereas for the four remaining it had been decided that further discussion would be needed in the framework of the relevant Harmony projects.

15. Concerning the revision of CONOPS, a "cleaned" version removing outdated information would be prepared, allowing a more substantive discussion to take place, in the framework of project SC 022, at the next session of the ALS.

16. Although the scheme of project A 008 had been adopted during the session, its entering into force had been postponed until 2013, in view of the limited resources of Japan for reclassification.

17. The Working Group took note of the substantial delay between the adoption of project A 008 and its entering into force in the IPC, and expressed its concerns. It was recalled that one of the objectives of the IPC reform was to reduce substantial delays between the initiation of a revision project and its entering into force. Such delays should be avoided in the future so as to ensure the credibility of the reform.

18. The delegation of Japan stated that the IPC revision work was important for Japan. In the framework of project A 008, Japan is responsible for the reclassification of a very large amount of documents (approximately 30,000 documents). Since high priority had been given to the tasks of examination, resources for reclassification in this project are not fully available at this time and have held up this project.

19. It was noted that this fact should be brought to the attention of the Committee for consideration at its next session in February 2008. In the meantime, the Working Group invited its members to express their concerns by commenting on the relevant parts of CONOPS in the framework of project SC 022 (see paragraph 15, above).

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

20. The Working Group noted that, following its invitation at the sixteenth session, the International Bureau had submitted a complete set of proposals relating to the removal of references from guidance headings and informative references from the scheme (see Annexes 2, 11 and 16 to project file M 031 and Annexes 2, 3 and 15 to project file M 032). Several compilation files had been prepared by the International Bureau containing the original rapporteur proposals and comments from offices.

21. Bearing in mind the recommendations agreed by the Working Group at its sixteenth session on a more efficient approach for carrying out these tasks, the Working Group decided to establish a Task Force for these specific two tasks and noted that the following offices volunteered (provisionally) to participate in the Task Force: Sweden, United Kingdom, United States of America, the African Intellectual Property Organization and the European Patent Office. The Working Group agreed that other members could join the Task Force at a later stage.

22. Following an invitation by the United States of America, a meeting of the Task Force would be held in the United States Patent and Trademark Office, Alexandria, on September 24 to 28, 2007. The Working Group expressed its gratitude to the United States of America for hosting the task force meeting.

23. In view of the considerable workload and the short time available before the Task Force meeting, the Working Group invited its members to submit their comments on the rapporteur proposals to the e-forum by end of July. The International Bureau, as Rapporteur of these two projects, would prepare consolidated proposals including comments from offices, where needed, before the Task Force meeting, in order to facilitate the discussion.

REGULAR MONITORING OF RESIDUAL MAIN GROUPS

24. Following a decision of the Working Group at its fifteenth session (see paragraphs 38 to 41 of document IPC/WG/15/4), the International Bureau had collected statistics on the use of the 99/00 residual groups, which had been submitted to the IPC e-forum (see Annex 5 to project file WG 151).

25. Whenever possible, remarks had been included in these statistics, for example to indicate an unusually high use of a group by an office and, in some cases (in particular in superresidual groups), to provide proposals for an alternative classification.

26. It was pointed out that main groups F23C 99/00 and A61Q 99/00 contained an excessive high number of documents. Main Group F23C 99/00 has attracted documents from main group F23C 11/00, which, although it had been deleted in the eighth edition of the IPC, is still in use in ECLA and FI, containing in these two schemes subgroups with specific subject matter. Sweden and the EPO volunteered to further investigate the high use of main groups F23C 99/00 and A61Q 99/00, respectively, and to submit their conclusions to the IPC e-forum (project WG 151).

27. The Working Group expressed its gratitude to the International Bureau for having collected these statistics. It was noted that this had been a useful exercise that should be continued in the future.

RENUMBERING OF PRE-REFORM RESIDUAL MAIN GROUPS

28. Discussions were based on a compilation of project file WG 111, and in particular on the latest rapporteur proposal of Annex 37 relating to residual main groups with references. The Working Group agreed to delete the following residual main groups and to transfer them to new approved standardized residual main groups: A47H 33/00, C07G 17/00 and H03F 21/00. It was also agreed to include the reference of deleted main group A47H 33/00 into the title of subclass A47H amended as proposed in Annex 39, and the references in the titles of deleted main groups C07G 17/00 and H03F 21/00 into the respective subclass titles according to the proposal of Annex 37 (see Technical Annexes 19 to 21 relating to project M 099).

29. The Working Group invited comments on the different solutions for residual main groups B21L 17/00 and B60F 5/00 as proposed in Annex 37 by the International Bureau and in Annex 39 by Sweden. The Working Group further invited Japan to explain the “future difficulties” they would expect if main group B62J 39/00 was replaced by a standardized residual main group.

30. The Working Group finally agreed to continue, at its next session, the consideration of residual main groups B01L 11/00, B61K 13/00, B67D 5/00 and C08H 5/00, together with the other remaining residual main groups having subgroups, and accepted an offer by the International Bureau to prepare a proposal by October 12, 2007. The Working Group also invited comments on this proposal by November 16, 2007.

31. The Secretariat informed the Working Group of its plan to post to the e-forum an updated version of Annex 35 to project file WG 111, which would summarize all decisions of the Working Group in respect of the introduction of new residual main groups and in respect of the renumbering of existing residual main groups.

REQUEST FOR REVISION OF THE CORE LEVEL OF THE IPC

32. The Working Group considered a request for revision of the core level, submitted by the United Kingdom, to include a new place in the IPC to cover “road pricing where vehicles are charged for travelling in particular areas” (see Annex 8 to project file WG 020).

33. It was agreed that there is currently no place in the IPC to cover this art, and therefore a new revision project (C 449) was created, with the United Kingdom as Rapporteur. However, there was no agreement on which subclass should cover this technology. Offices were invited to submit, to the IPC e-forum, patent document-examples that would be classified in this place to be created. In light of these document examples, comments were invited on which subclass should cover this technology. Finally, the Rapporteur was invited to submit a consolidated proposal to be discussed at the next session of the Working Group. The deadlines for these actions are included in Annex III to this report.

PROPOSALS FOR IMPROVING THE IPC

34. Following the procedure adopted at the twelfth session of the Working Group, proposals were submitted by the EPO to projects M 012 and M 013, concerning improvements in subclass C07D, and in class G10. In addition, new entries in the official catchword indexes were proposed for subclass G06Q.

Subclass C07D – The EPO proposal of Annex 1 to project file M 012 to delete Note (8) after the title of subclass C07D and to create a new note in main group C07D 521/00 was approved and appears as Technical Annex 14 to this report.

Subclass G06Q – In view of the existing entries in the English version of the Catchword Index for subclass G06Q and its main groups, the Working Group agreed to delete the annotation in the training example of project TE 308 (see Annex 12 to the project file) which relates to a future version of the Catchword Index, and requested the International Bureau to include the following terms in the English Catchword Index:

ADMINISTRATION	
electronic administration	G06Q 10/00
BUSINESS	
e-business	G06Q
COMMERCE	
e-commerce	G06Q 30/00
FINANCE	
electronic finance	G06Q 40/00
MANAGEMENT	
electronic management	G06Q 10/00
PAYMENT	
electronic payment	G06Q 20/00

It was furthermore agreed to create the following corresponding entries in the French Catchword Index:

ADMINISTRATION	
administration électronique	G06Q 10/00
COMMERCE	
commerce électronique	G06Q 30/00
FINANCE	
finance électronique	G06Q 40/00
GESTION	
gestion électronique	G06Q 10/00

PAIEMENT

paiement électronique

G06Q 20/00

Class G 10 – In view of the number of the proposed amendments and the amount of comments received, the proposal was considered in the framework of the new project M 110 (see paragraph 48, below).

35. Following a decision of the Working Group at its sixteenth session (see document IPC/WG/16/3, paragraph 25), Sweden submitted to project M 014 proposals to improve the titles of existing residual groups B27K 5/00, B60L 15/00, B61G 5/00, B63C 3/00, F22B 3/00 and F22D 7/00. The proposed titles of groups B61G 5/00, B63C 3/00, F22B 3/00 and F22D 7/00 were approved (see Technical Annexes 15 to 18, respectively). In addition, some further minor improvements were approved in subclasses F22B and F22D (see Technical Annexes 17 and 18, respectively).

36. Concerning main groups B27K 5/00 and B60L 15/00, it was decided that some additional discussion was needed, and projects M 700 and M 701, respectively, were created in that respect, with Sweden as Rapporteur. The International Bureau was requested to transfer to these new projects the relevant annexes of project M 014. The status of those projects and the list of future actions and deadlines are indicated in Annex III to this report. In addition, the following comments were invited:

– Project M 700: whether groups B27K 1/00 to B27K 5/00 covered “wood only” or also “other similar materials”, like fiber boards or particle boards, and if that were not the case, where these “other similar materials” were covered;

– Project M 701: whether there was a conflict between the scope of subclass B60L as indicated in its title, and the scope as indicated in its note, and in such case how it could be solved; whether a standardized residual group was needed in said subclass.

37. The Working Group invited the EPO to act as Rapporteur of a new maintenance project M 702, in order to address the question to which version of the Periodic Table of chemical elements the IPC refers, e.g., in several main groups of subclass C07F. The necessary information of the version used could be given in a new note following the title of Section C.

IPC CORE LEVEL REVISION PROGRAM

General

38. The Working Group discussed 15 pending IPC core level revision projects and approved amendments relating to those projects (see the Technical Annexes 1 to 13 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

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

Project C 432 (chemical) – Discussions were based on Annex 41 to the project file containing an algorithm developed by the EPO, to be used for the reclassification work distribution among offices and the creation of working lists, based on the commitments of offices expressed at various Working Group and Committee of Experts sessions.

The Working Group noted the following deadlines:

- June 30, 2008, for the delivery of the final working lists by the EPO to the International Bureau;
- December 1, 2008, for the delivery of reclassification data by offices to the International Bureau; and
- December 15, 2008, for loading of reclassification data into the MCD.

The Working Group noted a table indicating the total number of families to be reclassified by each office as of May 15, 2007.

The Working Group expressed the opinion that publications without real documents, for example the “D0” publications of the United Kingdom, should not appear in the MCD. Therefore, they should not appear in the working lists. This should also be specified in CONOPS and the International Bureau was invited to submit a corresponding proposal to project SC 022, relating to CONOPS revision.

The Working Group took note of an initiative of the delegation of Brazil that had developed a system which could be used by offices to assist them in creating their working lists to be sent to the MCD.

The Working Group expressed its gratitude to the Brazilian delegation and noted that this system was currently hosted on a private server: <http://www.abrantes.proph.org>.

Offices were invited to consider whether local installations of this system could be possible or whether a centralized hosting would be preferred and to submit their comments to project QC 002.

Project C 434 (electrical) – The Working Group approved the remaining part of the French version (see Technical Annex 1F to this report) and the project was therefore completed. It was noted that, following the decision of the ALS at its third session, this project would enter into force in the advanced level of the IPC on January 1, 2008. The official core level would remain unchanged at this date and therefore the roll-up symbols in the validity file of the 2008.01 version would point to the groups of the 2006.01 version of the core level.

Project C 435 (electrical) – The remaining part of the proposed scheme was approved and appears in Technical Annex 2E of this report. A complete French version for the approved scheme would be prepared for the next session of the Working Group. The Rapporteur was invited to submit proposals for transfer notes and Definitions, and to check if additional references in the scheme and the Definitions, of related areas in the IPC were needed.

Project C 436 (chemical) – Discussions were based on Annex 15 to the project file containing a proposal based on ECLA, submitted by the Rapporteur, following the recommendation of the Working Group at its sixteenth session (see paragraph 30 of document IPC/WG/16/3). The Working Group discussed the problem of the reclassification of the PCT minimum documentation in view of the lack of resources in some offices and noted that the proposed solution would minimize reclassification since a large proportion of the PCT minimum documentation was already classified in ECLA. The EPO was requested to provide a table, similar to the one provided in Annex 42 to project file C 432, indicating the workload for the remaining reclassification for each office, before the next Working Group session. On the basis of this list, the reclassification problem should be discussed again at the next session of the Working Group.

It was decided to continue the revision work by approving the proposed groups with one, two and three dots, bearing in mind that following the proposed scheme would minimize the reclassification effort (see Technical Annex 3E to this report). The Rapporteur was requested to prepare definitions for the approved groups, in particular to include the term “CpG-motifs” in the glossary, and a concordance between the approved scheme and the remaining proposed groups, on the one hand, and the corresponding ECLA groups, on the other. Comments were invited on all approved groups and in particular on (see said Technical Annex 3E):

- whether the order of approved groups was in line with the Last Place Rule that applies in subclass C12N, in particular in view of the order of the corresponding ECLA groups;
- on the wording of the example in approved group C12N 15/113;
- on the correctness of the title approved for group C12N 15/115, in particular in relation to the use of the term “high”;
- whether the proposed group C12N 15/872 (see Annex 15 to the project file) is correctly placed under existing group C12N 15/87 or whether it should be placed elsewhere in the scheme and if that were the case, where; and
- the desirability and correctness of the proposed four-dot groups.

It was furthermore agreed that the proposed limited indexing scheme was not helpful since it concerned only one group.

Project C 438 (mechanical) – It was decided that no residual group was needed in subclass F21S.

Comments were invited on:

– the need of the second sentence in Note (3) after subclass F21L and F21S, and of the second and third sentences in Note (2) after subclass F21V, which were approved at the sixteenth session of the Working Group (see Technical Annexes 9E, 10E and 11E, respectively, to document IPC/WG/16/3); whether these notes cover completely the practice concerning the classification of non-electric lighting devices, as indicated in the deleted Note (1) of class F21;

– whether the addition of the term “electric” in main groups F21S 2/00 to F21S 10/00, as approved at the fifteenth session of the Working Group, was appropriate in view of the above said note (3) after subclass F21S; and

– whether original Note (3) after class F 21, including several informative references, was needed in view of their inclusion in the Definitions of the relevant subclasses of class F 21 (see project D 055).

Project C 439 (mechanical) – Discussions were based on the rapporteur proposal of Annex 24 to the project file. The proposal was approved, with some additions, and appears in Technical Annexes 4E to 6E to this report.

Comments were invited on:

– the correctness of the approved amendments to groups E01C 13/10 and E01H 4/00;

– the correctness of the removal of the references in groups F25C 3/02 and F25C 3/04; and

– whether other references were needed in groups E01C 13/10 and E01H 4/00.

Project C 440 (mechanical) – The latest rapporteur proposal was approved, with some modifications, and appears in Technical Annex 7 to this report. The French version was also approved and the project was therefore completed.

Project C 441 (mechanical) – Discussions were based on the latest rapporteur report of Annex 11 to the project file. It was decided that before proceeding to any amendment of notes in Class B 29 and in subclasses B29C, B29D and B32B, comments should be submitted on the following questions:

– Are there any circumstances when a layered product *per se* should be classified in subclasses B29C or B29D?

– Does Note (3)(b) after class B29 state anything beyond the normal rule for implicit scope, as described in paragraph 92 of the *Guide to the IPC*?

– Is there any intention of systematic multiple classification of methods for production of layered products in both B32B and other places in the same way as for products?

– How are groups in B29C relating to the production of layered products, for example 39/12, 39/20, 41/22, 41/32, 43/20, 43/30, 44/06, 44/24, 45/16, 47/06 or 51/14, intended to be used in relation to subclass B32B, in view of its Note (2)?

– Can there be any other interpretation of “are further classified in subclass B32B” (see Note (2) after subclasses B29C and B29D) than “in addition to being classified in this subclass are also classified in subclass B32B”?

Based on these comments the Rapporteur would draw conclusions that should help in drafting new notes.

Project C 442 (mechanical) – The latest rapporteur proposal was approved, with some modifications, and appears in Technical Annex 8E to this report. It was noted that the approved amendments would neither modify the scope of groups B21D 51/02 and 51/16 nor the classification practice in this area.

Project C 443 (chemical) – It was noted that there had been no progress in this project due to lack of resources in the Rapporteur’s office. It was further noted, with appreciation, that Germany volunteered to take the lead in this project as Rapporteur. In order to assist the Rapporteur, it was agreed that the following points should be addressed within this project:

- whether subclass C13C is correctly defined since its title does not define the same scope as the scope of its main groups;
- the borderline between C13K and C07H should be better defined; and
- the scheme of class C 13 should be more compact, i.e., it should contain fewer subclasses than it currently has.

Project C 444 (mechanical) – The project was completed in English and French (see Technical Annex 9 to this report).

Project C 445 (mechanical) – The latest rapporteur proposal (see Annex 6 to the project file) was approved, and appears in Technical Annex 10E to this report. In addition, the International Bureau was requested to add the following informative reference to the definitions of main group F21J 13/00, and the following entry in the English Catchword Index:

“Bullet traps or bullet decelerators for rifle grenades F42B 30/06”

“RANGE(S)
 (3) target RANGE(S) F41J 11/00”

Project C 446 (mechanical) – The Rapporteur was invited to make a proposal for a new residual main group in subclass D06F, either specific or a standard one.

Project C 447 (electrical) – It was noted that there had been no progress in this project due to lack of clarity in the instructions given in the previous Working Group session. It was indicated that subclass G07D should be revised in order to accommodate for “handling of paper currency”. The Rapporteur was invited to check other classification systems, e.g., FI classification, and to propose a solution that would imply minimum intellectual reclassification.

Project C 448 (electrical) – Following the Working Group’s recommendation to the ALS, at its sixteenth session, “to examine the option of collecting all technology covered by groups G12B 21/100 and G01N 13/10 in one place” (see paragraph 11 of document IPC/WG/16/3), it was noted that the ALS, at its third session, had agreed with the latest rapporteur proposal (see Annex 23 to project file A 007) for the creation of a new subclass covering “scanning probe technology”, that the ALS had requested the Working Group to consider the core level part of this proposal at its current session and that for this purpose, project C 448 had been created.

In view of the wide member participation in the discussion of project A 007, it was decided that the project was ready for approval. The totality of the proposed scheme by the Rapporteur (see Annex 3 to the project file) was approved, with some editorial amendments and after renumbering, and appears in Technical Annex 11E to this report.

Since the First Place Priority Rule should be applied in the new subclass G01Q, the Rapporteur was invited to draft a Note after the subclass title to that effect.

It was agreed that the references proposed by the Rapporteur in subclass G01Q were references to application places and should not appear in the scheme. Instead, the Rapporteur was invited to add these references to the relevant part of the subclass definitions.

Finally the Rapporteur was invited to propose an amendment to the title of main group G01N 13/00, in view of the deletion of group G01N 13/10 and of the creation of subclass G01Q, and to check the cross references to deleted groups G01N 13/10 and G12B 21/00.

Furthermore, comments were invited on (see said Technical Annex 11E):

- whether the title of approved group G01Q 10/00 adequately covers the subject matter intended, as expressed in the advanced level subdivisions proposed by Rapporteur (see Annex 23 to project file A 007);
- whether the full text should appear before the abbreviations in the main group titles, and if that were the case, whether the guidelines for drafting IPC schemes should be amended accordingly;
- whether the approved main groups G01Q 60/00, G01Q 65/00 and G01Q 70/00 appear in the correct place in view of the First Place Priority Rule that applies in this subclass; and
- whether the title of said group G01Q 70/00 should mention “general aspects” and whether “peculiar to” should be replaced by “specially adapted”.

UPDATING OF IPC TRAINING EXAMPLES

General

40. The Working Group noted an oral report by the Secretariat on the current status of the training example projects. It was noted that 86 examples had been finalized by the Working Group, and the International Bureau had completed the translation of all these approved training examples into French, based on which French-speaking offices were carrying out editorial checking. Fourteen examples had been considered completed in both languages.

41. Following the decision of the Committee, at its thirty-eighth session, that Rapporteurs of training example projects should provide the International Bureau with proposals on alternatives of multiple choices presented in the IPC tutorials, proposals had been received for 35 training examples. Rapporteurs of the remaining 51 projects were requested to submit their proposals to the e-forum by October 6, 2007.

IPC Training Example Project

42. Project TE 132 (chemical) – Discussions were based on the initial rapporteur proposal (see Annex 5 to the project file).

In view of the late submission of this proposal, the Working Group decided to postpone the detailed discussion of the project to its next session confirming its decision taken at its previous sessions that an example illustrating “Markush-type formulae” was necessary.

Comments were invited on the said rapporteur proposal by September 15, 2007, followed by a rapporteur report, by October 20, 2007.

It was pointed out that classifiers in the field of chemical compounds encountered problems with documents where an enormous number of identified compounds have to be classified separately in a large number of classification places, while the current paragraph 100 of the Guide did not provide sufficient guidance for those cases.

The Working Group therefore invited comments on the possible modification of paragraph 100 of the Guide, taking into account the practice in each office on the classification of chemical compounds expressed using general formulae which would lead to a large number of classification places assigned to a document.

The Rapporteur was requested to prepare then a report based on the comments to be submitted, relating to the modification of paragraph 100 of the Guide, for consideration by the Working Group at its next session. The comments and the report on paragraph 100 of the Guide should be submitted together with the comments and the report, respectively, on project TE 132.

IPC DEFINITIONS PROGRAM

43. The Working Group had before it, in particular, document IPC/WG/16/3 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 46, below.

44. In view of the small number of remaining active definition projects in the chemical and electrical fields, the Working Group invited offices to volunteer as Rapporteurs for new definition projects in these fields, in particular for the prioritized subclasses G06K (D 167) and H03K (D 168) (see paragraph 22 of document IPC/WG/16/3).

45. It was agreed that Rapporteurs of any maintenance, revision, or definition projects should check, at the completion of the project, if the decisions taken therein could have an impact on completed or active definition projects and propose adequate amendments.

IPC Definition Projects

46. 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.

Project D 001 (chemical) – The Working Group agreed that no new residual group and no amendment of the definitions are needed in subclass A01N. However, a place should be identified, or created, to cover “methods of using live animals to control pests” and revision project C 450 was created with the EPO as Rapporteur for this purpose. The Secretariat was invited to transfer Annexes 35 to 38 to this new revision project.

Project D 002 (chemical) – The Working Group agreed that no new residual group and no amendment of the definitions were needed in subclass C07C.

Project D 039 (chemical) – The request submitted by Germany (see Annex 40) to modify the already approved definition was rejected and therefore the project was considered as completed. Any additional definitions for groups C12N 5/00 and 15/00 should be considered in the framework of revision project C 436.

Project D 051 (electrical) – The Working Group agreed that no new residual group and no amendment of the definitions were needed in subclass G01C.

Project D 054 (electrical) – The Working Group agreed to add “*per se*” to all limiting references in a main group definition which point to main groups lower in the scheme of subclass G06Q. The Working Group further agreed to remove the first paragraph in this section of main group G06Q 50/00, in the section “Special Rules of Classification” of main groups G06Q 50/00 and G06Q 10/00 to G06Q 30/00, and to repeat the second paragraph in this section of main group G06Q 50/00, into all sections “Special Rules of Classification” of

main groups G06Q 10/00 to G06Q 40/00. The Working Group approved the English version of Annex 31, subject to these and some additional editorial changes. The Secretariat was requested to examine the possibility of removing the text “within this group” from the title “Special Rules of Classification within this Group” in the definition template of main groups.

Project D 055 (mechanical) – The Working Group agreed that the proposed changes in Annex 75 were outside the scope of the definition project and should have been submitted to revision project C 438.

The Working Group reviewed the proposals for the definitions of all subclasses of class F 21 that are collectively under consideration in this project and took the following decisions:

- Subclass F21H: The Working Group approved the proposal of Annex 76.
- Subclass F21K: The Working Group approved the proposal of Annex 77 subject to moving the references in the section “Relationship Between Large Subject Matter Areas” to the appropriate subsection of section “References Relevant to Classification in this Subclass”.
- Subclass F21L: Discussions were based on Annex 68. The Working Group agreed that the expression “having light sources” at the end of the first line of the definition statement should be deleted and that the references to G02B 27/20 and G03B 15/02 should be moved to the subsection for references to application places. The Working Group further agreed that the note relating to the indexing subclasses F21W and F21Y should be moved to the section “Relationship between Large Subject Matter Areas”, and that the note in this section that was derived from former Note (1) of class F 21 should be reviewed taking into account the decisions in project C 438 relating to that note (see paragraph 39, above). The Rapporteur was invited to submit a consolidated proposal. Comments were invited on the proposal to be submitted.
- Subclass F21S: Discussions were based on Annex 79. The Working Group agreed that the expression “having light sources” should be removed from all three paragraphs of the definition statement, and that the third paragraph should be removed and added to the glossary entry for light sources of the definitions of subclasses F21L, F21S and F21V. The Working Group further agreed that the note relating to the indexing subclasses F21W and F21Y should be moved to the section “Relationship between Large Subject Matter Areas”, and that all informative references should be moved to the subsection for references to application places, with the exception of the references to B60Q, F 23, and F21V 35/00. The Rapporteur was invited to submit a consolidated proposal.
- Subclass F21V: Discussions were based on Annex 78. The Working Group agreed that the definition statement should be headed by the introductory phrase “Functional features or details of lighting devices or systems of lighting devices, e.g.:”. It was also agreed that the references listed in the section “References Relevant to Classification in this Subclass” should be moved to the subsection for application places, and that the titles of the groups should more comprehensively reflect the titles of these groups as they appear in the scheme. The Working Group further agreed that the note relating to the indexing

subclasses F21W and F21Y should be moved to the section “Relationship between Large Subject Matter Areas”, and that the note in this section which had been derived from former Note (1) of class F 21 should be amended according to the decisions in project C 438 relating to that note (see paragraph 39, above). The Rapporteur was invited to submit a consolidated proposal.

– Subclass F21W: The Working Group approved the proposal of Annex 71.

– Subclass F21Y: The Working Group approved the proposal of Annex 72 subject to replacing the entry in the Glossary with the corresponding entry in Annex 71 (subclass F21W).

Project D 056 (chemical) – The Working Group agreed that no new residual group and no amendment of the definitions were needed in subclass C07D.

Project D 058 (mechanical) – The Working Group invited the Rapporteur to prepare a new proposal taking into account the latest comments by Japan (see Annex 12),

Project D 065 (chemical) – The Working Group approved the French version of Annex 27.

Project D 073 (mechanical) – The Working Group approved the French version of Annex 9.

Project D 074 (mechanical) – The Working Group approved the English version of Annex 13 and instructed the Editorial Board to move the references to subclasses B22D and D06F to the subsection for application places.

Project D 075 (mechanical) – The Working Group approved the English version of Annex 12.

Project D 076 (mechanical) – Discussions were based on Annex 16. The Working Group invited the Rapporteur to review if the paragraph, in the definition statement, relating to methods for pretreatment would broaden the scope of the subclass too much, if the references to classes could be made more specific and to submit a consolidated proposal.

Project D 085 (electrical) – The Working Group approved the French version of Annex 13 subject to corrections according to the latest remark on the e-forum.

Project D 086 (electrical) – Following a request by the Rapporteur, the Working Group invited comments taking into account the latest comments by the United States of America and Germany (see Annexes 8 and 9).

Project D 087 (electrical) – The Working Group approved the English version of Annex 19 subject to some editorial changes.

Project D 088 (chemical) – The Working Group approved the French version of Annex 13.

Project D 089 (chemical) – The Working Group approved the English version of Annex 19.

Project D 092 (chemical) – The Working Group approved the French version of Annex 14.

Project D 093 (chemical) – The Working Group approved the English version of Annex 10 subject to some editorial changes and to replacing the reference to class D 06 with a reference to subclasses D06L to D06Q.

Project D 094 (chemical) – The Working Group approved the French version of Annex 11.

Project D 095 (chemical) – The Working Group approved the French version of Annex 12.

Project D 096 (chemical) – The Working Group agreed that the first paragraph of the definition statement should read “Methods of chemistry when specially adapted for organic chemistry and of general applicability in that field, in which the method itself is of interest rather than the product, e.g. such methods as:”, and that the line following the bulleted list of examples should be deleted. The Working Group further agreed to replace “inventive information” by “subject matter to be classified”, in the section “Relationship between Large Subject Matter Areas”, and approved the English version of Annex 21 subject to these changes.

Project D 097 (chemical) – The Working Group agreed that the first paragraph of the definition statement should read “Compounds containing saccharide radicals, sugars and their derivatives, e.g.:”, and that the examples of sugar derivatives should be grouped together in a bulleted list following this first paragraph. It was also agreed that the present second last paragraph should read “Processes for the preparation of the above compounds”, and that the last paragraph should be removed. The Working Group further agreed that “with the exception of polysaccharides,” should be included in the first paragraph of the section “Relationship between Large Subject Matter Areas” after “...saccharide radicals”, and approved Annex 11 subject to these and some additional editorial changes.

Project D 099 (chemical) – The Working Group agreed to amend the title of the reference to main group A62D 3/00 in view of the amended title of this group as adopted in project A 001, and to replace “is separated from the cleaned water” with “may be”, in the glossary entry for “sludge”. The Working Group approved Annex 14 subject to these changes.

Project D 100 (chemical) – The Working Group agreed to remove all occurrences of “(additives)” in the definition statement, and to include instead “as additives” before “in compositions...”. It was further agreed that many limiting references should be moved to the subsection for application places, and invited the Rapporteur to review these references accordingly and to submit a consolidated proposal.

Project D 112 (chemical) – The Working Group approved the English version of Annex 8 subject to some editorial changes.

Project D 113 (chemical) – The Working Group approved the English version of Annex 12 subject to some editorial changes.

Project D 114 (chemical) – The Working Group approved the English version of Annex 9 subject to some editorial changes.

Project D 115 (chemical) – The Working Group invited the Rapporteur to submit a new proposal taking into account the latest comments on the e-forum. Comments were invited on this new proposal to be submitted.

Project D 117 (chemical) – The Working Group invited the Rapporteur to submit a new proposal taking into account the latest comments on the e-forum. Comments were invited on this new proposal to be submitted.

Project D 118 (electrical) – The Working Group approved the French version of Annex 14, and agreed to remove “in general” from the title of the reference to H05K 9/00 in the approved English version (see Annex 11).

Project D 120 (electrical) – The Working Group approved the French version of Annex 12 subject to corrections according to the latest remark on the e-forum.

Project D 121 (electrical) – The Working Group approved the English version of Annex 14 subject to some editorial changes.

Project D 122 (electrical) – The Working Group agreed to delete “detectors for” in the reference to group G01T 1/28, to append “in general” to the reference to group H05H 1/24, and to move the first paragraph in the section “Special Rules of Classification” to the corresponding section of the definition of main group H01J 49/00. The Working Group further agreed to replace the reference to main group G01J 3/00 with a reference to group G01J 3/443, and the reference to main group G01N 21/00 with a reference to group G01N 21/66. The Working Group finally approved the English version of Annex 9 subject to these changes.

Project D 123 (electrical) – The Working Group approved the French version of Annex 11.

IPC SYSTEMATIC MAINTENANCE

General

47. The Working Group discussed eight pending IPC systematic maintenance projects and approved amendments relating to those projects (see the Technical Annexes to this report relating to maintenance projects). The status of those projects and the list of future actions and deadlines are indicated in Annex III to this report.

IPC Systematic Maintenance Projects

48. The Working Group made the following observations with respect to the IPC systematic maintenance projects.

Project M 100 – A01F (mechanical) – Discussions were based on Annex 3 to the project file containing an initial rapporteur proposal prepared by Sweden relating to comprehensive changes of subclass title, subclass index, group titles and references in subclass A01F, and Annexes 4 and 5 containing comments submitted by Japan and United States of America.

49. Having noted that considerable changes could be foreseen for this project, the Rapporteur was requested to submit a consolidated proposal, taking into account the comments already submitted and comments were invited on this consolidated proposal to be prepared. The Rapporteur would then prepare a rapporteur report for consideration by the Working Group at its next session.

Project M 101 – C07B (chemical) – Discussions were based on a proposal submitted by the Rapporteur (see Annex 9 to the project file). The Rapporteur was invited to conduct an investigation on the use of the residual group C07B 61/00 in view of the extremely high number of documents classified therein. The Working Group decided to invite its members to comment on the said rapporteur proposal, in particular on:

- whether the transfer of existing residual group C07B 61/00 to the proposed standard residual group C07B 99/00 would modify the classification practice for this group, in view of the Last Place Rule applying in subclass C07B;
- whether a new main group should be created to cover the subject matter covered currently by group C07B 61/02 and where it should be placed, in view of the Last Place Rule; and
- whether to delete Note (2) after the subclass title.

Project M 102 – F23G (mechanical) – Discussions were based on Annex 8 to project file M 102 containing a rapporteur proposal prepared by Sweden with comprehensive improvements in subclass F23G.

Comments were invited to on the said rapporteur proposal followed by a rapporteur report.

Projects M 104 to M 106 (chemical) – It was noted that there had been no progress in these projects due to the lack of resources in the Rapporteur's office. It was further noted, with appreciation, that Germany volunteered to take the lead in these projects as Rapporteur and to submit initial proposals.

Project M 107 – F04C (mechanical) – Having noted that few comments had been submitted to the initial rapporteur proposal and the complicated aspects being discussed in subclass F04C, the Working Group invited comments on the rapporteur proposal appearing in Annex 2 to project file M 107.

Project M 108 – D21F (mechanical) – The Working Group approved, with some amendments, the latest rapporteur proposal which appears Technical Annex 23E to this report. The corresponding French version was also approved (see Technical Annex 23F to this report). The project was therefore considered as completed. The International Bureau was requested to introduce the removed informative references into the relevant group definitions.

Project M 109 – A01K (mechanical) –The Working Group approved, with some amendments, the latest rapporteur proposal prepared by the EPO which appears in Annex 6 to the project file (see Technical Annex 24E to this report). It was noted that the Rapporteur would prepare the French version of the approved amendments for consideration by the Working Group at its next session.

Project M 110 – G10 (electrical) – The Working Group invited the Rapporteur to submit a new proposal taking into account the latest comments, and to include therein all subgroups of subclasses G10B, G10C, G10D, G10F, G10G and G10K. An offer of the EPO to become the Rapporteur for the definition projects D 126 to D 133 relating to class G10, was accepted.

50. The Working Group recalled its decision at its sixteenth session to create a revision project in order to widen the scope of subclass G10L to include “audio processing” (see paragraph 25 of document IPC/WG/16/3). It was noted that the ALS had considered this issue at its third session and had agreed “that this problem should be addressed in a way that involves minimal revision and reclassification of documents” (see page 5 of document IPC/ALS/3/10). Project C 451 was created therefor, with EPO as Rapporteur. The Rapporteur was invited to analyze where ECLA and FI converge in this area and to submit a proposal following the above recommendations of the ALS.

SYSTEMATIC INTRODUCTION OF GRAPHIC ILLUSTRATIONS IN THE IPC

51. Discussions were based on an informal paper submitted by Spain at the beginning of the session, containing a proposal to systematically introduce graphic illustrations in the IPC.

52. It was recalled that during the reform of the IPC it had been decided to include graphic illustrative material in the IPC. This had been reflected in paragraphs 49 to 51 of the *Guide to the IPC*. An important project had been accomplished which resulted in the introduction of chemical illustrating formulae in the electronic publication of the IPC. A few graphic illustrations have been introduced in subclasses F16D and F23B. Although Rapporteurs were requested to introduce graphic illustrations in the framework of revision or definitions projects, there has been no illustration submitted since then.

53. In its proposal, Spain pointed out that several offices, for example the Trilateral Offices, include in their internal classification schemes several illustrations that could be introduced in the IPC.

54. It was noted that graphic illustrations in the IPC should serve as examples and prior to their introduction in the IPC should be checked by technical experts.

55. In order to organize the collection of available illustrations in offices, project WG 171 was created on the IPC e-forum. The Working Group invited its members to submit to that project any graphic illustration available, by end of October 2007. These illustrations should be embedded in Word files, e.g., by subclass or class, to facilitate their submission to the e-forum. Each illustration should be accompanied by the relevant group symbol. The size of each file should not exceed one megabyte.

56. The International Bureau will then sort the submitted illustrations, identify any formatting or other practical problems. Based on this experience, the International Bureau will report at the next session of the Working Group on how to further proceed with this project, based also on the experience accumulated during the introduction of the chemical illustrating formulae.

STATUS OF THE WORK

57. The Chair stated that, on the agenda of this session, 14 definition projects were approved in English and 10 definition projects were completed in both English and French. In total, 83 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 four revision projects have been dealt with and completed in both languages, while three 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).

58. 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 some progress in the completion of the relevant tasks of the IPC development program. In particular, the Working Group has considered and created some new residual main groups (see Task 5(a)) and has initiated work on the monitoring of 99/00 residual main groups (see Task 5(b)) and on the systematic maintenance of the IPC (see Task 2(b)).

NEXT SESSION OF THE WORKING GROUP

59. The Working Group having assessed the workload expected for its next session (see paragraph 60, below), agreed to devote the first three days to the mechanical field, the fourth day 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.

60. The Working Group noted the following tentative dates for its eighteenth session:

November 26 to 30, 2007.

61. The Working Group unanimously adopted this report by electronic means on June 26, 2007.

[Annexes follow]

ANNEXE I/ANNEX I

LISTE DES PARTICIPANTS/
LIST OF PARTICIPANTS

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

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Idrissa CISSOKO, ingénieur examinateur en mécanique, Yaoundé

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Vice-présidente/Vice-Chair: Orit REGEV (Mme/Ms.) (Israël/Israel)
Secrétaire/Secretary: Antonios FARASSOPOULOS (OMPI/WIPO)

V. BUREAU INTERNATIONAL DE L'ORGANISATION MONDIALE DE LA
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[L'annexe II suit/
Annex II follows]

ANNEX II

AGENDA

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1. Opening of the session	2
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3. Adoption of the agenda	5 (II)
4. Report on the thirty-ninth session of the IPC Committee of Experts See document IPC/CE/39/7.	7 – 11
5. Report on the third session of the IPC Advanced Level Subcommittee See document IPC/ALS/3/10.	12 – 19
6. Removal of references from guidance headings and of informative references from the scheme See document IPC/WG/16/3 and Projects M 031 and M 032.	20 – 23
7. Regular monitoring of residual main groups See document IPC/WG/15/4 and Project WG 151.	24 – 27
8. Renumbering of pre-reform residual main groups See document IPC/WG/16/3 and Project WG 111.	28 – 31
9. Requests for revision of the core level of the IPC See Project WG 020.	32, 33 (III)
10. Proposals for improving the IPC See document IPC/WG/12/4 and Projects M 011 to M 014.	34 – 37 (III)
11. IPC core level revision projects relating to the mechanical field See document IPC/WG/16/3 and Projects* <u>C 438</u> , <u>C 439</u> , C 440, C 441, C 442, C 444, C 445 and C 446.	38, 39 (III, TAs)

* (F) indicates that only the French version of projects approved in English is to be considered. Underlined projects under items 11 to 17 take priority during this session.

	<u>Paragraphs</u> (Annexes)
12. IPC core level revision projects relating to the electrical field See document IPC/WG/16/3 and Projects* <u>C 434(F)</u> , <u>C 435</u> , C 447 and A 007/C 448.	38, 39 (III, TAs)
13. IPC core level revision projects relating to the chemical field See document IPC/WG/16/3 and Projects* <u>C 432</u> , <u>C 436</u> and C 443.	38, 39 (III, TAs)
14. Updating of IPC training examples See document IPC/WG/16/3 and Project TE 132.	40 – 42
15. IPC definition projects relating to the mechanical field See document IPC/WG/16/3 and Projects* D 012, D 013, D 014, D 031, <u>D 055</u> , <u>D 058</u> , D 067, D 068, D 069, <u>D 073(F)</u> , <u>D 074</u> , <u>D 075</u> , <u>D 076</u> , <u>D 077</u> , D 078, D 079, D 081, D 098, D 101, D 102, D 103, <u>D 104</u> , D 105, D 106, D 107, D 108 and <u>D 109</u> .	43 – 46 (IV)
16. IPC definition projects relating to the electrical field See document IPC/WG/16/3 and Projects* D 051, <u>D 054</u> , <u>D 085(F)</u> , D 086, <u>D 087</u> , <u>D 118(F)</u> , <u>D 120(F)</u> , <u>D 121</u> , <u>D 122</u> and <u>D 123(F)</u> .	43 – 46 (IV)
17. IPC definition projects relating to the chemical field See document IPC/WG/16/3 and Projects* D 001, D 002, <u>D 039</u> , D 056, <u>D 065(F)</u> , <u>D 088(F)</u> , <u>D 089</u> , <u>D 092(F)</u> , <u>D 093</u> , <u>D 094(F)</u> , <u>D 095(F)</u> , D 096, D 097, D 099, D 100, D 112, D 113, D 114, D 115 and D 117.	43 – 46 (IV)
18. IPC systematic maintenance projects relating to the mechanical field See document IPC/WG/15/4 and Projects M 100, M 102, M 107, M 108 and M 109.	47 – 50 (III, TAs)
19. IPC systematic maintenance projects relating to the electrical field See document IPC/WG/15/4 and Projects M 103 and M 110.	47 – 50 (III, TAs)
20. IPC systematic maintenance projects relating to the chemical field See document IPC/WG/15/4 and Projects M 101, M 104, M 105 and M 106.	47 – 50 (III, TAs)
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24. Adoption of the report of the session	61
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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	French version / Version française	Rapporteur report or proposal/ Rapport ou proposition du rapporteur	Status/État d'avancement	See paragraph(s)/ Voir paragraphe(s)	Technical Annex(es) to this report and remarks/Annexe(s) technique(s) du présent rapport et remarques
432	A01N	C	CN		C	FR		C	39	
434	H04H	E	JP		D	EP		C	39	1F
435	H04W	E	EP		D	EP 14.09.07		A	39	2E Transfer notes and Definitions by EP by 30.09.07/ Notes de transfert et définitions par EP pour le 30.09.07
436	C12N	C	IL	14.09.07	C	EP	15.10.07	A	39	Proposal by IL by 15.08.07; Statistics by EP by 30.09.07/ Proposition par IL pour le 15.08.07; statistiques par EP pour le 30.09.07
437	B41F	M	SE		B	IB		C		
438	F21	M	US	14.09.07	B	CH	15.10.07	A	39	
439	F25C	M	SE	14.09.07	B		15.10.07	A	39	4E, 5E, 6E
440	A01K, A63J	M	US		A	FR		C	39	7E, 7F

Project C .../ Projet C ...	Area/ Domaine	Technology/ Technique	Rapporteur	Comments/ Observations	Category request/ Catégorie de la demande	French version / Version française	Rapporteur report or proposal/ Rapport ou proposition du rapporteur	Status/État d'avancement	See paragraph(s)/ Voir paragraphe(s)	Technical Annex(es) to this report and remarks/Annexe(s) technique(s) du présent rapport et remarques
441	B29C, B29D, B32B	M	SE	14.09.07	B		15.10.07		39	
442	B21D 51/00	M	EP		D	EP 14.09.07		A	39	8E
443	C13	C	DE	14.09.07	B		15.10.07		39	Initial proposal by DE by 15.08.07/ Proposition initiale par DE pour le 15.08.07
444	B21C	M	SE		B	FR		C	39	9E, 9F
445	F41J	M	SE		B	FR? 14.09.07		A	39	10E
446	D06F	M	EP	14.09.07	A	EP	15.10.07		39	Proposal by EP by 15.08.07/ Proposition par EP pour le 15.08.07
447	G07D	E	EP	14.09.07	A	EP	15.10.07		39	Proposal by EP by 15.08.07/ Proposition par EP pour le 15.08.07
448	G01N	E	JP	14.09.07	A	?	15.10.07	A	39	11E, 12E, 13E Proposal by JP by 15.08.07/ Proposition par JP pour le 15.08.07
449	G07B, G08G	E	GB	14.09.07	A	?	15.10.07		33	Document-examples by offices by 15.08.07/ Exemples de documents par les offices pour le 15.08.07
450	A01N	C	EP	14.09.07	A	EP	15.10.07		46	Proposal by EP by 15.08.07/ Proposition par EP pour le 15.08.07
451	G10L	E	EP	14.09.07	A	EP	15.10.07		50	Proposal by EP by 15.08.07/ Proposition par EP pour le 15.08.07

MAINTENANCE PROJECTS/PROJETS DE MAINTENANCE

Project M .../ Projet M ...	Area/ Domaine	Technology/ Technique	Rapporteur	Comments/ Observations	Category request/ Catégorie de la demande	French version / Version française	Rapporteur report or proposal/ Rapport ou proposition du rapporteur	Status/État d'avancement	See paragraph(s)/ Voir paragraphe(s)	Technical Annex(es) to this report and remarks/Annexe(s) technique(s) du présent rapport et remarques
011			IB		B	IB				Proposals by 15.11.07/ Propositions pour le 15.11.07
012		C	IB		B	IB			34	14E, 14F Proposals by 15.11.07/ Propositions pour le 15.11.07
013		E	IB		B	IB			34	Proposals by 15.11.07/ Propositions pour le 15.11.07
014		M	IB		B	IB			34	15E, 15F, 16E, 16F, 17E, 17F, 18E, 18F Proposals by 15.11.07/ Propositions pour le 15.11.07
031			IB	31.07.07	B	IB	31.08.07		23	
032			IB	31.07.07	B	IB	31.08.07		23	
100	A01F	M	SE	28.09.07	B		31.10.07		49	22E Proposal by SE by 15.08.07/ Proposition par SE pour le 15.08.07
101	C07B	C	SE	28.09.07	B		31.10.07		49	Proposal by SE by 15.08.07/ Proposition par SE pour le 15.08.07
102	F23G	M	SE	28.09.07	B		31.10.07		49	
103	H04M	E	SE	28.09.07	B		31.10.07			Proposal by SE by 15.08.07/ Proposition par SE pour le 15.08.07
104	C08L	C	DE	28.09.07	B		31.10.07		49	Proposal by DE by 15.08.07/ Proposition par DE pour le 15.08.07
105	C09D	C	DE	28.09.07	B		31.10.07		49	Proposal by DE by 15.08.07/ Proposition par DE pour le 15.08.07
106	C09J	C	DE	28.09.07	B		31.10.07		49	Proposal by DE by 15.08.07/ Proposition par DE pour le 15.08.07
107	F04C	M	US	28.09.07	B		31.10.07		49	
108	D21F	M	EP		B	EP		C	49	23E, 23F
109	A01K	M	EP		B	EP 14.09.07		A	49	24E

Project M .../ Projet M ...	Area/ Domaine	Technology/ Technique	Rapporteur	Comments/ Observations	Category request/ Catégorie de la demande	French version / Version française	Rapporteur report or proposal/ Rapport ou proposition du rapporteur	Status/État d' avancement	See paragraph(s)/ Voir paragraphe(s)	Technical Annex(es) to this report and remarks/Annexe(s) technique(s) du présent rapport et remarques
110	G10	E	EP	28.09.07	B		31.10.07		49	Proposal by EP by 15.08.07/ Proposition par EP pour le 15.08.07
700	B27K	M	SE	28.09.07	B		31.10.07		36	
701	B60L	M	SE	28.09.07	B		31.10.07		36	
702	C07F	C	EP	28.09.07	B		31.10.07		37	Proposal by EP by 15.08.07/ Proposition par EP pour le 15.08.07

[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	French version by/ Version française par	Status/ État d'avancement	Next actions/ Prochaines actions
001	A01N	C	US	FR	E WG/8 F WG/11	
002	C07C	C	US	EP	E WG/9 F WG/12	
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	
013	A61B	M	US	FR	E WG/12 F WG/13	
014	A61N	M	US	FR	E WG/13 F WG/14	

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	French version by/ Version française par	Status/ État d'avancement	Next actions/ Prochaines actions
015	B60T	M	GB	FR	E WG/11 F WG/12	
016	B61L	M	US	CH	E WG/14 F WG/15	
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	
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	

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	French version by/ Version française par	Status/ État d'avancement	Next actions/ Prochaines actions
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	
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	
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	EP	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
055	F21	M	DE			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
056	C07D	C	IE	EP	E WG/15 F WG/16	

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	French version by/ Version française par	Status/ État d'avancement	Next actions/ Prochaines actions
057	G06F	E	EP	EP	E WG/15 F WG/16	
058	B60K	M	EP			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
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	
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 F WG/17	
066	C12S	C	US	FR	E WG/13 F WG/14	
067	A01D	M	SE			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
068	A01F	M	SE			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
069	A23K	M	SE			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
070	A23L	M	GB	CH	E WG/15 F WG/16	
071	A62D	C	EP	EP	E WG/15 (3/00) F WG/15 (3/00)	Comments by 28.09.07/ Observations pour le 28.09.07
072	G07F	E	EP	EP	E WG/15 F WG/16	
073	B03D	M	GB	EP	E WG/16 F WG/17	
074	B04B	M	GB	EP	E WG/17	French version by 26.10.07/ Version française pour le 26.10.07
075	B04C	M	GB	EP	E WG/17	French version by 26.10.07/ Version française pour le 26.10.07
076	B05B	M	GB	EP		Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	French version by/ Version française par	Status/ État d'avancement	Next actions/ Prochaines actions
077	B07B	M	GB	EP		Indication of approval by 26.10.07/ Indication d'approbation pour le 26.10.07
078	G21J	M	GB			Indication of approval by 26.10.07/ Indication d'approbation pour le 26.10.07
079	A63B	M	GB			Indication of approval by 26.10.07/ Indication d'approbation pour le 26.10.07
080	A63H	M	GB	CH	E WG/15 F WG/16	
081	B65D	M	GB			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
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 F WG/17	
086	H04M	E	SE			Comments by 28.09.07/ Observations pour le 28.09.07
087	H04Q	E	SE	FR	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
088	C06B	C	EP	EP	E WG/16 F WG/17	
089	C23F	C	EP	EP	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
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 F WG/17	
093	C08L	C	GB	EP	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
094	C09D	C	GB	CH	E WG/16 F WG/17	
095	C09J	C	GB	CH	E WG/16 F WG/17	
096	C07B	C	SE	FR	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
097	C07H	C	SE	FR	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	French version by/ Version française par	Status/ État d'avancement	Next actions/ Prochaines actions
098	A61F	M	DE			Indication of approval by 28.09.07/ Indication d'approbation pour le 28.09.07
099	C02F	C	DE	CH	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
100	C08K	C	DE			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
101	F16C	M	DE			Indication of approval by 28.09.07/ Indication d'approbation pour le 28.09.07
102	F16D	M	DE			Indication of approval by 28.09.07/ Indication d'approbation pour le 28.09.07
103	F16G	M	DE			Indication of approval by 28.09.07/ Indication d'approbation pour le 28.09.07
104	A61C	M	US	FR	E WG/15 F WG/16	
105	A61D	M	US			Indication of approval by 28.09.07/ Indication d'approbation pour le 28.09.07
106	A61H	M	US			Indication of approval by 28.09.07/ Indication d'approbation pour le 28.09.07
107	A61J	M	US			Indication of approval by 28.09.07/ Indication d'approbation pour le 28.09.07
108	A61L	M	US			Indication of approval by 28.09.07/ Indication d'approbation pour le 28.09.07
109	A61M	M	US	FR		Indication of approval by 26.10.07/ Indication d'approbation pour le 26.10.07
110	C01D	C	IE			Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
111	C01F	C	IE			Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
112	C01B	C	US	EP	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
113	C01C	C	US	EP	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
114	C01G	C	US	EP	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
115	C22C	C	US			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
116	C22B	C	US			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
117	C22F	C	US			Rapporteur report by 28.09.07/ Rapport du rapporteur pour le 28.09.07
118	H01B	E	US	FR	E WG/16 F WG/17	

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	French version by/ Version française par	Status/ État d'avancement	Next actions/ Prochaines actions
119	H01C	E	US	FR	E WG/15 F WG/16	
120	H01F	E	US	CH	E WG/16 F WG/17	
121	H01G	E	US	CH	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
122	H01J	E	US	FR	E WG/17	French version by 28.09.07/ Version française pour le 28.09.07
123	H01K	E	US	FR	E WG/16 F WG/17	
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			Suspended/ En suspens
127	G10C	E	US			Suspended/ En suspens
128	G10D	E	US			Suspended/ En suspens
129	G10F	E	US			Suspended/ En suspens
130	G10G	E	US			Suspended/ En suspens
131	G10H	E	US			Suspended/ En suspens
132	G10K	E	US			Suspended/ En suspens
133	G10L	E	US			Suspended/ En suspens
134	A45D	M	EP	EP		Comments by 27.07.07/ Observations pour le 27.07.07
135	A47J	M	EP	EP		Comments by 27.07.07/ Observations pour le 27.07.07
136	A63D	M	GB			Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
137	C10J	C	GB			Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
138	H05B	E	GB			Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
139	F23Q	M	SE			Comments by 27.07.07/ Observations pour le 27.07.07

D Project /Projet D...	Area/Domaine	Technology/Technique	Rapporteur	French version by/ Version française par	Status/ État d'avancement	Next actions/ Prochaines actions
140	F23R	M	SE			Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
141	C30B	C	US			Comments by 27.07.07/ Observations pour le 27.07.07
142	G12B	E	EP	EP		Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
143	G21G	E	GB			Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
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				
163	E03D	M				
164	E04C	M				
165	E04G	M				
166	E04H	M				
167	G06K	E	US			Initial proposal by 26.10.07/ Proposition initiale pour le 26.10.07
168	H03K	E				
169	E04F	M				

[Technical Annexes follow/
Les annexes techniques suivent]

TECHNICAL ANNEXES/ANNEXES TECHNIQUES

 ANNEXE 1F H04H [**Projet-Rapporteur : C434/JP**] <WG17>

 CL M Note ~~←Note 1 Deleted→~~
 H04H ~~←Text deleted→~~
~~←Text deleted→~~

1. *Dans la présente sous-classe, les termes ou les expressions suivantes ont la signification ci-dessous indiquée:*
 - *"radiodiffusion" désigne la distribution simultanée de signaux identiques à plusieurs récepteurs. Le terme "radiodiffusion" ne comprend pas la distribution à des récepteurs, qui est commandée par des requêtes ou des réponses provenant des récepteurs; [new]*
 - *"information radiodiffusée" couvre toutes les sortes d'information distribuées par des systèmes de radiodiffusion; [new]*
 - *"information associée à la radiodiffusion" désigne l'information requise par des services fournis par l'intermédiaire des systèmes de radiodiffusion, autre que l'information radiodiffusée proprement dite; [new]*
 - *"temps de radiodiffusion" désigne un instant où une information radiodiffusée spécifique existe et est disponible; [new]*
 - *"canal de radiodiffusion" désigne un canal par lequel l'information radiodiffusée est distribuée, p. ex. ondes porteuses, créneaux temporels, câbles ou zones de service de radiodiffusion sans fil; [new]*
 - *"espace de radiodiffusion" désigne soit un ensemble de canaux de radiodiffusion dans lesquels une certaine information radiodiffusée existe et est disponible, soit une zone géographique déterminée par l'ensemble des canaux de radiodiffusion; [new]*
 - *"créneau spatio-temporel de radiodiffusion" désigne le créneau spatio-temporel déterminé par l'espace de radiodiffusion et le temps de radiodiffusion dans lequel une certaine information radiodiffusée existe et est disponible; [new]*
 - *"système de radiodiffusion" désigne un système qui se compose d'un émetteur, d'un transpondeur et d'un récepteur de radiodiffusion; [new]*
 - *"système associé à la radiodiffusion" désigne un système qui est directement affecté par la génération, la radiodiffusion, la réception ou l'utilisation de l'information radiodiffusée; [new]*
 - *"service de radiodiffusion" désigne un service directement fourni par un système de radiodiffusion, c.-à-d. un service de distribution d'information radiodiffusée; [new]*
 - *"service associé à la radiodiffusion" désigne un service fourni par des systèmes associés à la radiodiffusion; [new]*
 - *"A avec un lien direct à B" signifie que A affecte directement B ou que A est directement affecté par B. [new]*
2. *Dans la présente sous-classe, le classement est effectué selon plusieurs aspects, de sorte que la matière caractérisée par des aspects couverts par plusieurs de ses*

groupes, et qui est considérée comme présentant une information ayant un intérêt pour la recherche, peut aussi être classée dans chacun de ces groupes. [new]

CL N 20/86 • *Dispositions caractérisées par des caractéristiques techniques particulières de l'information radiodiffusée, p. ex. par la forme du signal ou par le contenu de l'information*

ANNEX 2E H04W [Project-Rapporteur : C435/EP] <WG17>

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]*

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 4/06 • *Messaging, e.g. SMS [Short Messaging Service]; Mailboxes; Announcements, e.g. informing users on the status or progress of a communication request*

CL N 4/10 • *Information format or content conversion, e.g. adaptation by the network of the transmitted or received information for the purpose of wireless delivery to users or terminals*

CL N **40/00** *Communication routing or communication path finding*

CL N 40/02 • *Communication route or path selection, e.g. power-based or shortest path routing*

CL N **64/00** *Locating users or terminals for network management purposes, e.g. mobility management*

CL N 72/02 • *Local resource management, e.g. wireless traffic scheduling or selection or allocation of wireless resources*

CL N 72/08 • *Wireless channel access, e.g. scheduled or random access*

CL N 76/00 *Connection management, e.g. connection set-up, manipulation or release*

ANNEX 3E C12N [Project-Rapporteur : C436/IL] <WG17>

CL D 5/06 (transferred to [C12N 5/07](#))

CL N 5/07 • *Animal cells or tissues*

CL N 5/071 • • *Vertebrate cells or tissues, e.g. human cells or tissues*

CL N 5/072 • • • *Tumour cells*

CL N 5/073 • • • *Embryonic cells or tissues; Foetal cells or tissues*

CL N 5/074 • • • *Non-embryonic pluripotent stem cells*

CL N 5/075 • • • *Oocytes; Oogonia*

CL N 5/076 • • • *Sperm cells; Spermatogonia*

CL N 5/077 • • • *Mesenchymal cells, e.g. bone cells, cartilage cells, stromal cells, fat cells or muscle cells*

CL N 5/078 • • • *Cells from blood or from the immune system*

CL N 5/079 • • • *Neural cells*

CL D 5/08 (transferred to [C12N 5/071](#))

CL N 15/113 • • • *Non-coding nucleic acids modulating the expression of genes, e.g. antisense DNA or RNA*

CL N 15/115 • • • *Aptamers, i.e. nucleic acids binding a target molecule specifically and with high affinity without hybridising thereto*

CL N 15/117 • • • *Nucleic acids having immunomodulatory properties, e.g. containing CpG-motifs*

ANNEX 4E E01C [Project-Rapporteur : C439/SE] <WG17>

AL M 13/10 • ~~Artificial~~*for artificial* surfaces for outdoor or indoor practice of snow or ice sports
([E01C 13/08](#) takes precedence; *production of snow or ice for winter sports or similar recreational purposes F25C 3/00*)

ANNEX 5E E01H [Project-Rapporteur : C439/SE] <WG17>

- CL M 4/00 ~~Making or maintaining~~ *Working on surfaces of snow or ice in order to make them suitable for traffic or sporting purposes, e.g. by compacting snow (production of ~~ice or snow~~ F25C 3/00) *artificial snow F25C 3/04**
- AL M 4/02 • for sporting purposes, e.g. ~~devices adapted for ski trails~~ *preparation of skitrails (production of ~~ice or snow~~ snow or ice for winter sports or similar recreational purposes F25C 3/00)*
-

ANNEX 6E F25C [Project-Rapporteur : C439/SE] <WG17>

- CL M 3/00 ~~Production~~ *Methods or apparatus specially adapted for the production of ice or snow for the purposes specified in the subgroups of this group winter sports or similar recreational purposes, e.g. for sporting installations; Production of artificial snow (foundations or pavings for artificial surfaces for outdoor or indoor practice of snow or ice sports E01C 13/10; working on surfaces of snow or ice in order to make them suitable for traffic or sporting purposes E01H 4/00)*
- AL M 3/02 • for ice rinks (~~shape of rinks A63C 19/10; construction of rinks E01C~~)
- AL M 3/04 • for sledging *trails* or ski trails; Production of artificial snow (~~shape of trails A63C 19/10; construction of trails E01C~~)
-

ANNEX 7E A01K [Project-Rapporteur : C440/US] <WG17>

- CL M 15/00 **Devices for taming animals, e.g. nose-rings, hobbles; Devices for overturning animals in general; Training or exercising equipment; Covering boxes (devices for veterinary purposes A61D 3/00)**
- AL M 15/02 • Training or exercising equipment, *e.g. mazes or labyrinths for animals (A01K 15/04 takes precedence)*
-

ANNEXE 7F A01K [Projet-Rapporteur : C440/US] <WG17>

- CL M 15/00 **Dispositifs pour le dressage des animaux, p.ex. nasières, entraves; Dispositifs pour renverser les animaux en général; ~~Équipement d'entraînement~~ *Équipement pour l'entraînement ou l'exercice*; Cabines pour saillies (dispositifs à usage vétérinaire A61D 3/00)**
- AL M 15/02 • ~~Équipement pour le dressage ou l'entraînement~~ *Équipement pour l'entraînement ou l'exercice, p.ex. labyrinthes pour animaux (A01K 15/04 a priorité)*
-

ANNEX 8E B21D [Project-Rapporteur : C442/EP] <WG17>

- CL M 51/02 · characterised by the structure of the objects
- CL N *Note* Making hollow objects characterised both by their structure and by their use is classified 51/02 only in group **B21D 51/16**.
- CL M 51/16 · characterised by the ~~particular structure or use~~*use of the objects* (making heat exchangers **B21D 53/02**)
- AL M 51/38 · · Making inlet or outlet arrangements of cans, tins, baths, bottles, or other vessels;
Making can ends; Making closures
- CL M 51/38 · · Making inlet or outlet arrangements of cans, tins, baths, bottles, or other vessels (folded only of thin metal foils in the way of making paper caps **B31D 5/00**); *Making can ends; Making closures*

ANNEX 9E B21C [Project-Rapporteur : C444/SE] <WG17>

- CL M Title **MANUFACTURE OF METAL SHEETS, WIRE, RODS, TUBES ~~OR PROFILES,~~
PROFILES OR LIKE SEMI-MANUFACTURED PRODUCTS OTHERWISE THAN
BY ROLLING; AUXILIARY OPERATIONS USED IN CONNECTION WITH
METAL-WORKING WITHOUT ESSENTIALLY REMOVING MATERIAL**
- CL M Subclass ---
index MANUFACTURING NOT OTHERWISE **37/00**
 PROVIDED FOR
 AUXILIARY ~~AND ANCILLARY~~
 OPERATIONS USED IN CONNECTION
 WITH METAL-WORKING WITHOUT
 ESSENTIALLY REMOVING MATERIAL
 Reeling **47/00**

- CL M **1/00** **Manufacture of metal sheets, ~~metal wire, metal rods, metal tubes~~*wire, rods, tubes or like semi-manufactured products* by drawing**
- CL M 1/16 · Metal drawing by machines or apparatus in which the drawing action is effected by ~~other~~
only ~~means~~*means other* than drums, e.g. by a longitudinally-moved carriage pulling or pushing the work or stock for making metal sheets, ~~bars,~~*rods* or tubes (bending sheet metal into tubular form by drawing **B21D 5/06**)
- AL M 1/16 · Metal drawing by machines or apparatus in which the drawing action is effected by ~~other~~
~~means~~*means other* than drums, e.g. by a longitudinally-moved carriage pulling or pushing the work or stock for making metal sheets, ~~bars,~~*rods* or tubes
- AL M 23/08 · · · Making wire, ~~bars,~~*rods or tubes*
- CL M **37/00** **Manufacture of metal sheets, ~~bars~~*rods*, wire, tubes, *profiles* or like semi-manufactured products, not otherwise provided for (by rolling **B21B**; by working or processing**

semi-finished sheet metal, profiles, tubes, or wire **B21D, B21F**; by casting **B22**; by material-removing machine tools **B23**; by welding, e.g. cladding or plating, **B23K**; by grinding or polishing **B24**; by electroforming **C25D 1/00**; ~~by drawing or extruding, see the relevant groups~~; Manufacture of tubes of special shape

AL M 37/04 • of ~~bars~~*rods* or wire

ANNEXE 9F B21C [Projet-Rapporteur : C444/SE] <WG17>

CL M Titre **FABRICATION DES TÔLES, FILS, BARRES, TUBES ~~OU PROFILÉS MÉTALLIQUES, PROFILÉS MÉTALLIQUES OU D'AUTRES PRODUITS SEMI-FINIS SIMILAIRES~~ PAR D'AUTRES PROCÉDÉS QUE LE LAMINAGE; OPÉRATIONS AUXILIAIRES EN RELATION AVEC LE TRAVAIL DES MÉTAUX SANS ENLÈVEMENT SUBSTANTIEL DE MATIÈRE**

CL U Schéma < Inchangé >
général

CL M 1/00 **Fabrication des tôles, fils, barres, tubes métalliques, *ou d'autres produits semi-finis similaires* par étirage**

CL U 1/16 < Inchangé >

AL U 23/08 < Inchangé >

CL M 37/00 **Fabrication de tôles, barres, fils ~~ou tubes métalliques, tubes ou profilés métalliques~~ ou de produits semi-finis ~~analogues~~*similaires*, non prévue ailleurs (par laminage **B21B**; par travail mécanique ou traitement de tôles, profilés, tubes ou fils métalliques semi-finis **B21D, B21F**; par moulage **B22**; à l'aide de machine-outils travaillant par enlèvement de matière **B23**; par soudage, p.ex. placage, **B23K**; par meulage ou polissage **B24**; par galvanoplastie **C25D 1/00**; ~~par étirage ou extrusion, voir les groupes appropriés~~); Fabrication de tubes de forme particulière**

AL U 37/04 < Inchangé >

ANNEX 10E F41J [Project-Rapporteur : C445/SE] <WG17>

CL M Subclass ---
index

TARGETS

~~Stationary; movable; for arrows or darts~~ 1/00; 7/00; 9/00; 3/00

Stationary or movable 1/00, 7/00, 9/00

~~Reflective, active~~ *Reflecting or active* 2/00

Specially adapted for arrows or darts 3/00

TARGET-HIT INDICATORS OR
RECORDERS 5/00

TARGET STANDS; TARGET RANGES 1/00; 11/00

BULLET CATCHERS 13/00

CL M 1/00 ~~Targets, e.g. stationary (F41J 2/00, F41J 7/00, F41J 9/00; Target stands; Target holders (F41J 2/00 to F41J 11/00 take precedence; for arrows or darts F41J 3/00 targets combined with bullet catchers F41J 13/02)~~

AL D 1/12 (transferred to F41J 13/00)

AL D 1/14 (transferred to F41J 13/02)

AL D 1/18 (transferred to F41J 11/00)

AL D 1/20 (transferred to F41J 11/02)

CL N 11/00 *Target ranges*

AL N 11/02 • *Safety means therefor*

CL N 13/00 *Bullet catchers*

AL N 13/02 • *combined with targets*

ANNEX 11E G01N [Project-Rapporteur : C448/JP] <WG17>

CL D 13/10 (transferred to G01Q 5/00-G01Q 80/00)

CL D 13/12 (transferred to G01Q 20/00)

AL D 13/14 (transferred to G01Q 25/00)

AL D 13/16 (transferred to G01Q 30/00)

AL D 13/18 (transferred to G01Q 35/00)

AL D 13/20 (transferred to [G01Q 40/00](#))

AL D 13/22 (transferred to [G01Q 45/00](#))

AL D 13/24 (transferred to [G01Q 55/00](#))

ANNEX 12E G01Q [Project-Rapporteur : C448/JP] <WG17>

CL N *Title* **SCANNING-PROBE TECHNIQUES OR APPARATUS; SCANNING-PROBE MICROSCOPY [SPM], i.e. INVESTIGATING OR ANALYSING SURFACE STRUCTURES IN ATOMIC RANGES; APPLICATIONS OF SCANNING-PROBE TECHNIQUES NOT OTHERWISE PROVIDED FOR**

CL N *5/00* **Scanning or positioning arrangements, i.e. arrangements for actively controlling the movement or position of the probe**

CL N *10/00* **SPM arrangements characterized by the use of auxiliary means, serving to assist or improve the SPM**

CL N *15/00* **Multiple-type SPM, i.e. involving two or more SPM techniques**

CL N *20/00* **STM [Scanning Tunnelling Microscopy] or apparatus therefor, e.g. STM probes**

CL N *25/00* **SNOM [Scanning Near-Field Optical Microscopy] or apparatus therefor, e.g. SNOM probes**

CL N *30/00* **AFM [Atomic Force Microscopy] or apparatus therefor, e.g. AFM probes**

CL N *35/00* **SICM [Scanning Ion-Conductance Microscopy] or apparatus therefor, e.g. SICM probes**

CL N *40/00* **SCM [Scanning Capacitance Microscopy] or apparatus therefor, e.g. SCM probes**

CL N *45/00* **MFM [Magnetic Force Microscopy] or apparatus therefor, e.g. MFM probes**

CL N *50/00* **Scanning thermal microscopy or apparatus therefor, e.g. probes therefor**

CL N *55/00* **SECM [Scanning Electro-Chemical Microscopy] or apparatus therefor, e.g. SECM probes**

CL N *60/00* **Calibration, e.g. of probes**

CL N *65/00* **Monitoring the movement or position of the probe**

CL N *70/00* **SPM probes, their manufacture, or their related instrumentation, insofar as they are not peculiar to a single SPM technique covered by one of the groups [G01Q 20/00](#)-[G01Q 55/00](#)**

CL N *75/00* **Specific applications of scanning-probe techniques not otherwise provided for**

CL N *80/00* **Scanning-probe techniques or apparatus not otherwise provided for**

ANNEX 13E G12B [Project-Rapporteur : C448/JP] <WG17>

CL D 21/00 (transferred to G01Q 5/00-G01Q 80/00)

AL D 21/02 (transferred to G01Q 70/00)

AL D 21/04 (transferred to G01Q 20/00)

AL D 21/06 (transferred to G01Q 25/00)

AL D 21/08 (transferred to G01Q 30/00)

AL D 21/10 (transferred to G01Q 45/00)

AL D 21/12 (transferred to G01Q 70/00)

AL D 21/20 (transferred to G01Q 5/00)

AL D 21/22 (transferred to G01Q 5/00)

AL D 21/24 (transferred to G01Q 5/00)

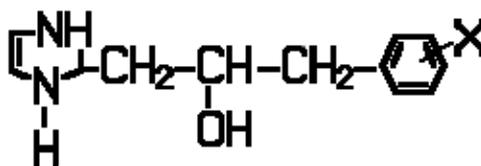
ANNEX 14E C07D [Project-Rapporteur : M012/IB] <WG17>

AL M Note 2. In this subclass, in compounds containing a hetero ring covered by group C07D 295/00 and at least one other hetero ring, the hetero ring covered by group C07D 295/00 is considered as an acyclic chain containing nitrogen atoms. [3]

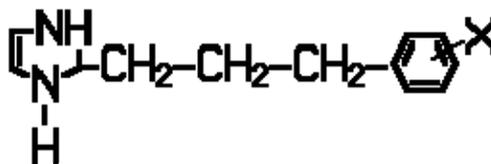
3. In this subclass ---

7. In this subclass ---

- --- example, the compound



is classified in group C07D 233/22,

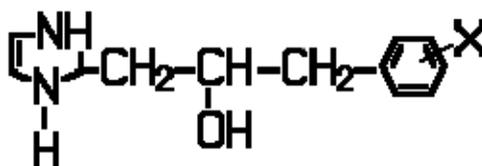


and the compound

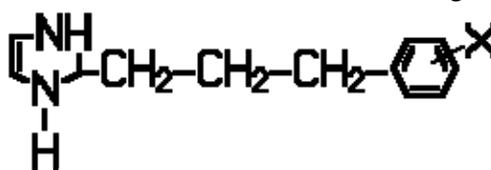
is classified in groups C07D 233/24 and C07D 233/26, where X — NH₂, — NHCOCH₃, or — COOCH₃. [2]

~~← Note 8 Deleted →~~

- CL M Note only C07D 2. In this subclass, in compounds containing a hetero ring covered by group **C07D 295/00** and at least one other hetero ring, the hetero ring covered by group **C07D 295/00** is considered as an acyclic chain containing nitrogen atoms. [3]
3. In this subclass ---
7. In this subclass ---
- --- example, the compound



is classified in group **C07D 233/22**,



and the compound
is classified in ---

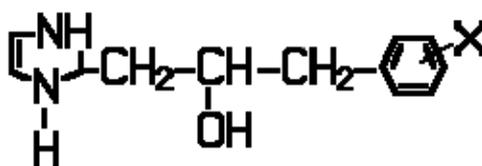
~~← Note 8 Deleted →~~

- CL N Note 521/00 This group is only used for the classification of heterocyclic compounds the chemical structure of which is not specified, i.e. only in those cases where the heterocyclic compounds cannot be classified in any of groups **C07D 201/00-C07D 519/00**.

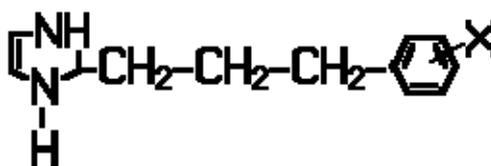
ANNEXE 14F C07D

[Projet-Rapporteur : M012/IB] <WG17>

- AL M Note C07D 2. Dans la présente sous-classe, dans les composés contenant un hétérocycle couvert par le groupe **C07D 295/00** et au moins un autre hétérocycle, l'hétérocycle couvert par le groupe **C07D 295/00** est considéré comme une chaîne acyclique contenant des atomes d'azote. [3]
3. Dans la présente ---
7. Dans la présente ---
- --- d'exemple le composé:



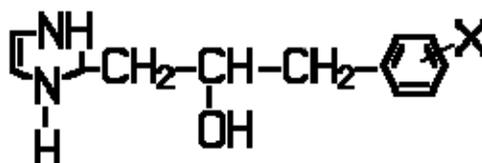
est classé en **C07D 233/22**, et le



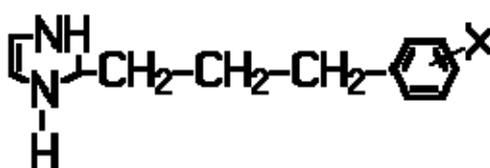
composé:
est classé en ---

~~← Note 8 Deleted →~~

- CL M Note 2. Dans la présente sous-classe, dans les composés contenant un hétérocycle couvert par
only C07D le groupe **C07D 295/00** et au moins un autre hétérocycle, l'hétérocycle couvert par le
groupe **C07D 295/00** est considéré comme une chaîne acyclique contenant des
atomes d'azote. [3]
3. Dans la présente ---
7. Dans la présente ---
- --- d'exemple le composé:



est classé en **C07D 233/22**, et le



composé:

est classé en **C07D 233/00** lorsque X= ---NH_2 , ---NHCOCH_3 ou ---COOCH_3
.[2]

~~← Note 8 Deleted →~~

- CL N Note Le présent groupe est utilisé uniquement pour le classement des composés hétérocycliques
521/00 dont la structure chimique n'est pas spécifiée, c.-à-d. dans les cas où les composés
hétérocycliques ne peuvent être classés dans aucun des groupes **C07D 201/00-**
C07D 519/00.

ANNEX 15E B61G [Project-Rapporteur : M014/IB] <WG17>

CL M 5/00 Couplings ~~for special purposes~~ not otherwise provided for

ANNEXE 15F B61G [Projet-Rapporteur : M014/IB] <WG17>

CL M 5/00 Couplages ~~pour des utilisations spéciales~~ non prévus ailleurs

ANNEX 16E B63C [Project-Rapporteur : M014/IB] <WG17>

CL M 3/00 Launching or hauling-out, *e.g.* by landborne slipways; Slipways (ship-borne guides for
handling lifeboats or the like **B63B 23/30**; cranes, winches, or the like **B66**; ship-lifting
for adapting to different water levels **E02C**)

ANNEXE 16F B63C [Projet-Rapporteur : M014/IB] <WG17>

CL M 3/00 Lancement ou halage des navires, *p.ex.* par rampes à terre; Rampes de lancement (guide à bord des navires pour la man?uvre des canots de sauvetage ou engins analogues B63B 23/30; grues, treuils, ou appareils analogues B66; levage des bateaux pour s'adapter aux différents niveaux d'eau E02C)

ANNEX 17E F22B [Project-Rapporteur : M014/IB] <WG17>

CL D Guidance < Deleted / Supprimée >
heading /
Rubrique
d'orientation
1/00

CL M 3/00 Other methods of steam generation; *Steam boilers not provided for in other groups of this subclass*

CL D Guidance < Deleted / Supprimée >
heading /
Rubrique
d'orientation
5/00- 31/00

AL M 37/34 · · Adaptations of boilers for promoting water circulation (auxiliary ~~apparatus~~*devices for promoting water circulation*F22D 7/00)

ANNEXE 17F F22B [Projet-Rapporteur : M014/IB] <WG17>

CL D Guidance < Deleted / Supprimée >
heading /
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d'orientation
1/00

CL M 3/00 Autres méthodes de production de vapeur; *Chaudières à vapeur non prévues dans les autres groupes de la présente sous-classe*

CL D Guidance < Deleted / Supprimée >
heading /
Rubrique
d'orientation
5/00- 31/00

AL M 37/34 · · Adaptation des chaudières pour améliorer la circulation de l'eau (~~appareils~~*auxiliaires dispositifs auxiliaires pour améliorer la circulation de l'eau*F22D 7/00)

ANNEX 18E F22D [Project-Rapporteur : M014/IB] <WG17>

- CL M Title PREHEATING, OR ACCUMULATING PREHEATED, FEED-WATER; FEED-WATER SUPPLY; CONTROLLING WATER LEVEL; ~~CIRCULATING WATER~~ *AUXILIARY DEVICES FOR PROMOTING WATER CIRCULATION* WITHIN BOILERS (chemical treatment of water, e.g. purification, C02F; enclosed heat-exchange apparatus in general F28D; controlling in general G05)
- CL M 7/00 Auxiliary devices ~~or apparatus~~ *for promoting water circulation (adaptation of boilers for promoting water circulation F22B 37/34)*
-

ANNEXE 18F F22D [Projet-Rapporteur : M014/IB] <WG17>

- CL M Titre PRÉCHAUFFAGE OU ACCUMULATION D'EAU D'ALIMENTATION PRÉCHAUFFÉE; ALIMENTATION EN EAU; COMMANDE DU NIVEAU D'EAU; *DISPOSITIFS AUXILIAIRES POUR AMÉLIORER LA CIRCULATION DE L'EAU À L'INTÉRIEUR DES CHAUDIÈRES* (traitement chimique de l'eau, p.ex. purification, C02F; appareils échangeurs de chaleur fermés F28D; commande en général G05)
- CL M 7/00 Dispositifs auxiliaires ~~ou appareils accélérant~~ *pour améliorer la circulation de l'eau (adaptation des chaudières pour améliorer la circulation de l'eau F22B 37/34)*
-

ANNEX 19E A47H [Project-Rapporteur : M099/IB] <WG17>

- CL M Title FURNISHINGS FOR WINDOWS OR DOORS (concerned with the functioning of the door or window E05; roller blinds E06B; *special arrangements or measures in connection with doors or windows, e.g. for ventilation or sealing, E06B 7/00*)
- CL D 33/00 (transferred to A47H 99/00)
- CL N 99/00 *Subject matter not provided for in other groups of this subclass*
-

ANNEXE 19F A47H [Projet-Rapporteur : M099/IB] <WG17>

- CL M Titre GARNITURES POUR FENÊTRES OU PORTES (se rapportant au fonctionnement de la porte ou de la fenêtre E05; stores à rouleaux E06B; *aménagements particuliers ou dispositions en rapport avec les portes ou fenêtres, p.ex. pour la ventilation ou l'étanchéité, E06B 7/00*)
- CL D 33/00 (transferred to A47H 99/00)
- CL N 99/00 *Matière non prévue dans les autres groupes de la présente sous-classe*
-

ANNEX 20E C07G [Project-Rapporteur : M099/IB] <WG17>

CL M Titre COMPOUNDS OF UNKNOWN CONSTITUTION (*sulfonated fats, oils or waxes of undetermined constitution C07C 309/62*)

CL D 17/00 (transferred to C07G 99/00)

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

ANNEXE 20F C07G [Projet-Rapporteur : M099/IB] <WG17>

CL M Titre COMPOSÉS DE CONSTITUTION INDÉTERMINÉE (*graisses, huiles ou cires sulfonées de constitution non déterminée C07C 309/62*)

CL D 17/00 (transferred to C07G 99/00)

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

ANNEX 21E H03F [Project-Rapporteur : M099/IB] <WG17>

CL M Title AMPLIFIERS (measuring, testing G01R; optical parametric amplifiers G02F; circuit arrangements with secondary emission tubes H01J 43/30; masers, lasers H01S; *dynamo-electric amplifiers H02K*; control of amplification H03G; coupling arrangements independent of the nature of the amplifier, voltage dividers H03H; amplifiers capable only of dealing with pulses H03K; repeater circuits in transmission lines H04B 3/36, H04B 3/58; application of speech amplifiers in telephonic communication H04M 1/60, H04M 3/40)

CL D 21/00 (transferred to H03F 99/00)

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

ANNEXE 21F H03F [Projet-Rapporteur : M099/IB] <WG17>

CL M Titre AMPLIFICATEURS (mesures, essais G01R; amplificateurs optiques paramétriques G02F; circuits avec tubes à émission secondaire H01J 43/30; masers, lasers H01S; *amplificateurs dynamo-électriques H02K*; réglage de l'amplification H03G; dispositions pour le couplage indépendantes de la nature de l'amplificateur, diviseurs de tension H03H; amplificateurs destinés uniquement au traitement d'impulsions H03K; circuits de répéteurs dans les lignes de transmission H04B 3/36, H04B 3/58; applications des amplificateurs de parole aux communications téléphoniques H04M 1/60, H04M 3/40)

CL D 21/00 (transferred to H03F 99/00)

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

ANNEX 22E D21F [Project-Rapporteur : M108/EP] <WG17>

- CL M 1/00 Wet end of machines for making continuous webs of paper (~~suction rolls D21F 3/02~~)
 - CL M 1/10 • Wire-cloths (~~production of wire cloths B21F~~)
 - AL M 1/36 • Guiding mechanisms (~~suction rolls D21F 3/10~~)
 - AL M 1/68 • • using hydrocyclones (~~hydrocyclones B04C~~)
 - CL M 2/00 Transferring *continuous* webs from wet ends to press sections
 - CL M 13/00 ~~Making~~ *Methods or apparatus for making* discontinuous sheets of paper, pulpboard, or cardboard, or of wet web, for fibreboard production (making discontinuous sheets of board in moulds D21J; drying paper, pulpboard, or cardboard, in discontinuous-sheet form F26B)
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ANNEXE 22F D21F [Projet-Rapporteur : M108/EP] <WG17>

- CL M 1/00 Partie humide des machines à fabriquer des feuilles continues de papier (~~rouleaux d'aspiration D21F 3/02~~)
 - CL M 1/10 • Toiles métalliques de machines (~~production de toiles métalliques de machines B21F~~)
 - AL M 1/36 • Mécanismes de guidage (~~rouleaux d'aspiration D21F 3/10~~)
 - AL M 1/68 • • en utilisant des hydrocyclones (~~hydrocyclones B04C~~)
 - CL M 2/00 Transfert ~~des nappes, de feuilles continues~~ des parties humides aux sections de presses
 - CL M 13/00 ~~Fabrication~~ *Procédés ou appareils pour la fabrication* en discontinu de feuilles de papier, de carton de vieux papiers ou de ~~nappes~~ *nappes* humides pour la production de panneaux de fibres (fabrication de feuilles en discontinu de carton à la forme D21J; séchage du papier, du carton pâte ou du carton sous forme de feuilles discontinues F26B)
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ANNEX 23E A01K [Project-Rapporteur : M109/EP] <WG17>

- CL M 69/00 Stationary catching devices *for fishing*
- CL M 71/00 Floating *fishing* nets
- CL M 73/00 Drawn *fishing* nets
- CL M 74/00 Other catching nets or the like *for fishing*

- CL M 75/00 Accessories for *fishing* nets; Details of *fishing* nets, e.g. structure
- CL M 77/00 Landing-nets; ~~Landing-spoons~~for *fishing*; *Landing-spoons for fishing*
- CL M 80/00 Harvesting oysters, mussels, sponges or the like (*fishing* nets A01K 73/00, A01K 74/00; dredgers E02F)
- CL M 85/00 Artificial ~~baits~~*bait for fishing*
- CL M 87/00 ~~Rods~~*Fishing rods*
- CL M 89/00 ~~Reels (devices for casting lines A01K 91/02)~~*Fishing reels*
- CL M 91/00 ~~Lines~~*Fishing lines*
- CL C 97/00 Accessories for angling (~~landing-nets, landing-spoons~~*fish stringers A01K 65/00; landing-nets or landing-spoons for fishingA01K 77/00*)

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