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IPC/CE/26/2 Suppl.1

ORIGINAL: English

DATE: March 12, 1998

WORLD INTELLECTUAL PROPERTY ORGANIZATION
GENEVA

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

COMMITTEE OF EXPERTS

Twenty-Sixth Session
Geneva, March 16 to 20, 1998

COMMENTS ON DOCUMENT IPC/CE/26/2

Document prepared by the International Bureau

Annexes I to V to this document contain comments on amendments to the IPC proposed by the PCIPI Working Group on Search Information (see document IPC/CE/26/2), submitted by the European Patent Office (EPO), Germany, Japan, Netherlands and Sweden. Annexes VI and VII contain observations relating to those comments submitted by the EPO and Sweden.

[Annexes follow]

ANNEX I/ANNEXE I

COMMENTS SUBMITTED BY THE EUROPEAN PATENT OFFICE (EPO)/
OBSERVATIONS SOUMISES PAR L'OFFICE EUROPÉEN DES BREVETS (OEB)EUROPEAN PATENT OFFICE
Principal Directorate DocumentationComments on IPC/CE/26/2
18 February 1998

ANNEXE 20 B65D

50/00 --- 51/20; moyens en soi pour dissuader ou pour indiquer l'ouverture ou
l'enlèvement non autorisés 55/02)

The French version of Annex 20, regarding subclass B65D, could be improved upon by the alternative proposed above.

ANNEX 33 F21

N Note after (3) Attention ---
the Title ---
 H03K 21/20 Pulse counter or frequency divider indicators using
 glow-discharge lamps

ANNEXE 33 F21

N Note après (3) Il est important ---
le titre ---
 H03K 21/20 Indicateurs de compteurs d'impulsion ou de diviseurs
 de fréquence utilisant des lampes à décharge
 lumineuse

ANNEXE 54 G01C

Titre --- NIVEAUX OU DES RELÈVEMENTS; GÉODÉSIE; NAVIGATION; INSTRUMENTS
GYROSCOPIQUES; ---*Typing error*

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ANNEX 66 G08G

1/0967 . . . Systems involving transmission of highway information, e.g. weather, speed limit (transmission of navigation instructions to the vehicle 1/0968)

The reference to 1/0968 is better readable like this and is then also identical to the one in group 1/123.

ANNEXE 66 G08G

1/0967 . . . Systèmes impliquant la transmission d'informations pour les grands --- limites de vitesse (transmission d'instructions de navigation au véhicule 1/0968)

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ANNEX 72 H01L

N Note(s)
after
21/18

This group covers also processes and apparatus which, by using the appropriate technology, are clearly suitable for manufacture or treatment of devices whose bodies comprise elements of the fourth group of the Periodic System or AlllBV compounds, even if the material used is not explicitly specified.

Manufacture or treatment corresponds to the title of group 21/18.

ANNEXE 72 H01L

N Note(s)
après
21/18

Le présent groupe couvre également les procédés et les appareils qui, en utilisant la technologie appropriée, sont clairement adaptés à la fabrication ou au traitement de dispositifs dont les corps comprennent des éléments du quatrième groupe de la Classification Périodique ou des composés AlllBV, même si le matériau utilisé n'est pas explicitement précisé.

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Correction of results of IPC/CE/XXXIII/8

ANNEXE 13 G11C

N 7/14 . Gestion de cellules factices; Générateurs ---

Compare IPC/CE/26/2, Annexe 69, G11C 11/4099, 16/28 !

J. Rampelmann

[Annex II follows/
L'annexe II suit]

ANNEX II/ANNEXE II

COMMENTS SUBMITTED BY GERMANY/
OBSERVATIONS SOUMISES PAR L'ALLEMAGNE

DEUTSCHES PATENTAMT German Patent Office	IPC/CE/26/2
	Date: 05 March 1998
DE Comments	

Technical Annexes**Annex 41 (E/F)**

F21V 5/08 This entry has got a "C" in the French version but not in English. Originally this entry had a reference which was deleted (see SI/IX/4, TAx, Ax 12). We wonder whether this deletion was correct. We would rather prefer that subject matter relating to vehicles should be referred out to F21S 8/12, i.e. the reference should not be deleted. We therefore suggest the following wording for a reference:

- - - *light distribution (specially adapted for vehicles F21S 8/12)*

No "C" will be necessary.

F21V 13/00 "C" should be added in the English version, there is already one in French. A new reference which points to the new group F21V 14/00 was added. Since subject matter is referred out by this reference the place has to be indicated by a "C".

F21W 131:411 This group has to be added in the French version. It was adopted in English at SI/XIX (see SI/XIX/5, TAx., page 28 and Ax. 90, page 3 of the project file).

Annex 55 (E/F)

G01N 3/30 We feel the reference of this group reads nicer without the "for",

- - - *(investigating hardness by performing - - -*

B. Geyer

[Annex III follows/
L'annexe III suit]

ANNEX III/ANNEXE III

COMMENTS SUBMITTED BY JAPAN/
OBSERVATIONS SOUMISES PAR LE JAPON

J P COMMENTS

Date 20.02.98

JP opinion (+) improvement
(x) improvement if modified
(-) no improvement

PCIPI/C-28

H01R

25/14 +

We agree with the proposal of technical annex CE/26/2

PCIPI/C-224

F02C

Title +

We agree with the proposal of technical annex CE/26/2

F23R

5/00 +

We agree with the proposal of technical annex CE/26/2

PCIPI/C-266

G11B

Title +

notes after title +

9/00-13/08 +

We agree with the proposal of technical annex CE/26/2

PCIPI/C-309

B07C

5/00 +

We agree with the proposal of technical annex CE/26/2

[Annex IV follows/
L'annexe IV suit]

ANNEX IV/ANNEXE IV

COMMENTS SUBMITTED BY THE NETHERLANDS/
OBSERVATIONS SOUMISES PAR LES PAYS-BAS**NL-comments with relation to document IPC/CE/26/2**

paragraph 4 (page 9)

1. Project 139 relates to subclass A61K.
2. In addition to the changes to amendments already mentioned in paragraph 4, we point to the following entries presented in technical annexes to document IPC/CE/26/2:
 - a. G05F, Title (Annex 60) supersedes the corresponding entry in Annex IV to document IPC/CE/XXV/7;
 - b. G06K 9/00 (Annex 63) supersedes the corresponding entry in technical annex 57 to document IPC/CE/XXV/7;
 - c. G11B, Title (Annex 68) supersedes the corresponding entry in technical annex 61 to document IPC/CE/XXV/7.

Technical Annexes

Annex 4

1. A61K 31/275
Compared with the sixth edition of the IPC, there is no change in scope.
2. A61K 31/46
This group is not mentioned in Annex 4 but in technical annex 9 to document IPC/CE/XXV/7. There the five-dot group A61K 31/46 is a subgroup of the four-dot group A61K 31/44: "Non-condensed pyridines; Hydrogenated derivatives thereof".
However, the subject matter covered by group A61K 31/46 does not consist of non-condensed pyridines or hydrogenated derivatives thereof. In class C07D 8-azabicyclo[3.2.1]octane is to be classified in C07D 451/00 as a heterocyclic compound containing a condensed hetero system.
Possible solutions to solve the problem are
 - a. Present A61K 31/46 as a four-dot group.
As a consequence, also A61K 31/465 should become a four-dot group.
 - b. Delete group A61K 31/46 and transfer its contents to a new five-dot group A61K 31/4395. In that case, the reference following the title of group A61K 31/439 (see document IPC/CE/XXV/7, technical annexes, page 50) can be deleted.

Noting that the PCIP/ISI has proposed to delete the existing group A61K 31/645, there may now be less hesitation than before to slightly amend the original scheme under A61K 31/00. Transfer of the contents of A61K 31/46 to a new subgroup of A61K 31/439, in our opinion is the most logical solution.

Annex 7 Annex 15

Why are the proposed refernces following the Guide Headings before B01D 24/00, B01D 45/00 and B60B 29/00 underlined?
Such is not the case in IPC⁶. It also is not the case with references following Guide Headings in technical annexes 36 and 40 to document IPC/CE/26/2.

Annex 15

In B62D 65/00 "assembling" is an example of "manufacturing". See technical annex 19 to document IPC/CE/26/2.
We therefore suggest that in Annex 15 the last three words in the reference to B62D 65/12, read "manufacturing e.g. assembling".

- Annex 18 Whereas the title of B61D 29/00 speaks of "rail vehicles", Note (3) following the title of class F21 uses the expression "railway vehicles" (see technical annex 33 to document IPC/CE/26/2, page 40, after "B61D 29/00").
We note that in subclass B61D the expressions "railway vehicles" and "rail vehicles" both are used. Since apparently they have the same meaning, it would be preferable to use one expression only. In that case, NL would select "railway vehicles", since this expression already is used in the title of B61D. Amendments would then be needed in the following groups of subclass B61D: 9/04; 19/00;25/00;29/00, and in the Guide Headings before B61D 27/00, B61D 31/00 and B61D 39/00.
- Annex 19 It is not immediately clear why in the title of B62D 67/00 no reference to B09B 1/00 is included. Mere discarding of vehicles in our opinion is an example of "dumping solid waste".
We suggest to refer to B09B as a whole and to delete the indications "3/00, 5/00".
- Annex 20 The proposal concerning new group B65D 85/81 does not take into account an already adopted previous amendment. See technical annex 16 to document IPC/CE/XXIV/10.
We suggest to renumber the now proposed group 85/81 into a two-dot group 85/79. Such does leave more room for further development than a renumbering into a two-dot group 85/802.
- Annex 22 The reference to B65D 85/81 should be amended in accordance with the decision taken as regards technical annex 20 to document IPC/CE/26/2.
- Annex 26 1. Is the reference from E21B 7/20 to E21B 3/025 and the transfer note accompanying E21B 7/22 correct? In E21B 3/025 one speaks of rotation of the tool, which - we assume - is the tool making the hole. It is unlikely that the casing is such a tool.
It might be preferable to delete the words "of the tool" from the titles of E21B 3/025 and 3/03.
2. Should in E21B 3/03 the expression "unidirectional" be hyphenated? It does not contain a hyphen in the existing text of E21C 1/08.
- Annex 53 Noting that the title of class F27 contains a reference "combustion apparatus F23" and that the amended Note (2) following the title of F27 defines what is not covered by that class, one wonders whether the proposed reference in F27B 15/00 is needed.
- Annex 57 The reference to G04G 19/00 following the title of subclass G04B is not fully in line with the Notes following the title of subclass G04G. Some electronic time-pieces are to be classified in G04C.
Since the title of G04B already includes a reference to G04C 23/00, the proposed reference to G04G 17/00 perhaps could read "structural details or housings specially adapted for electronic time-pieces with no moving parts G04G 17/00".
- Annex 59 1. It is not immediately clear where in Note (3) following the title of G05D the proposed insertion is to be made. The words "beverages on draught" do also appear under the heading "places related to 7/00".
2. According the document IPC/CE/XXV/7, Annex IV, Note (5) following the title of G05B contains references to F23N and F24B 1/187 in connection with control arrangements for combustion apparatus. It is not immediately clear to us why the control arrangements covered by group F23C 10/28 are to be mentioned in connection with subclass G05D rather than G05B. Mentioning in connection with G05B seems more logical.

3. In Note (3) following the title of G05D we would have expected the general references to be presented first, and the references connected with specific main groups only thereafter. We suggest to change the order of presentation accordingly.

Annex 68

The intention of the proposed amendment to Note (2) following the title of G11B will be more easily understood when the expression ",or vice versa;" is indicated at the end of the second part of the proposed text.

Annex 69

In technical annex 13 to document IPC/CE/XXIII/8, the abbreviations "I/O" and "R-W" are used in connection with and instead of "input/output" and "read-write" respectively. See, for instance, G11C 7/10 and G11C 7/22. We therefore wonder whether a similar manner of presentation should be used in the now proposed groups 11/356, 11/409 and 11/4093 of subclass G11C. In G11C 11/4096 the indication I/O already appears once.

Annex 75, Annex 76,
Annex 77

As in the case of Annex 57, the proposed references to G04G seem incomplete. Also groups in G04C might be relevant in connection with electronic time-pieces.

We suggest the following wording

annex 75

electronic power supply circuits specially adapted for use in electronic time-pieces G04C 23/12, G04G 19/00.

annex 76

conversion of current or voltage specially adapted for use in electronic time-pieces with no moving parts G04G 19/02.

Annex 77

specially adapted for electronic time-pieces with no moving parts G04G 1/10.

[Annex V follows/
L'annexe V suit]

ANNEX V/ANNEXE V

COMMENTS SUBMITTED BY SWEDEN/
OBSERVATIONS SOUMISES PAR LA SUÈDE

Swedish Patent and Registration Office

COMMENTS
on IPC/CE/26/2
Date: 26 February 1998

- Page 9** **Table in Paragraph 4**
"A01D" should be replaced by "A61N"
- Annex 3** **G08G**
5/08, 5/013 The words "Measuring" appear unnecessary. The titles could just as well start with "Devices - - -".
- Annex 7** **B01D**
Guide Heading
before 45/00 The reference to F01N 3/01 is unnecessary. It relates to devices for electric or electrostatic separation, which are already referred out (to B03C) in the B01D subclass title.
- Annex 16** **B60Q**
Title It is unnecessary to start the reference by repeating "arrangement of signalling - - -".
- Annex 17** **B60R**
After some discussion, we decided in SI to use the term "mirror arrangements" in 1/074, as is done in the existing 1/02 and 1/10. Should we replace "mirror assemblies" in the existing 1/12 as well?
- Annex 19** **B62D**
65/00 The word "facilitating" is mis-spelled
- Annex 23** **E04H**
17/04 We would prefer renumbering the group, in view of the significant change of scope. We propose:
D 17/04 (covered by 17/02)
N 17/05 (as 17/04 presented in Annex 23)
- Annex 41** **F21V**
7/20 The title does not read on well from 7/10: "Construction - to facilitate cooling".
We propose:
C 7/20 . . specially adapted for facilitating cooling - - -

- 13/00 Is it really obvious what is intended by the wording "combination of elements specified in two or more of *the groups* F21V 1/00 to F21V 11/00 (- - - combination of two or more elements covered by a single one of *groups* F21V 1/00 to F21V 11/00, see the relevant group - - -". We think the wording should be main groups F21V 1/00 to F21V 11/00, in order to be perfectly clear.
- 14/02 We think "light sources" should be in plural, like in 14/04 - 14/08.
- 17/02 Should 17/02 also give precedence to 17/08, which appears to be a group of the same kind as 17/04 and 17/06?
- 21/03 We see overlap between this group and 21/04. We think 21/03 should give precedence to 21/04, which seems to be the more specific group.
- 21/08 We think the word "any" should be replaced by "a". The 21/08 title talks about attachment to *any* place, but its subgroup 21/10 talks about "Head fittings". A person's head seems to be a rather specific place!
- Annex 66** **G08G**
1/0967 We would prefer "speed limits" in plural in the example. Otherwise we agree with EP comments.
- Annex 68** **G11B**
Note (2),
third indent To our understanding, "quasi" is not an adjective. "Quasi-contact" with a hyphen is more common and, we think, more correct. We would like to propose "- - - techniques, e.g. quasi-contact or evanescent contact between - - -".
- Annex 69** **G11C**
11/344 Should we say "using charge storage - - -", or perhaps "using a depleted layer for charge storage, e.g. - - -"? This would be in line with the existing three-dot groups and lots of other subgroups to 11/00, which all begin with "using".
- 11/348 - 11/356 These detail groups are in a funny place, between 11/344 and the other three-dot groups (11/36, 11/39 and 11/40), which all relate to different types of devices, rather than details. We would prefer renumbering the groups of Annex 69 as follows:
- 11/344 > 11/356
11/348 > 11/344
11/352 > 11/348
11/356 > 11/352
- 11/407 This group is presented in a confusing way in the Technical Annexes. The title could just as well be repeated in full, without being any longer, by replacing the three dashes with the word "the".
- 11/4096 In the example, the abbreviation "I/O" is used. This is inconsistent with the wording of the title itself, where "Input/output" is written in full. We tried to find out whether "I/O" is an abbreviation which is used in other places in the IPC, but it turns out that it cannot be searched in IPC:CLASS! (Strangely enough, IPC:CLASS picks out the "i"s of "i.e.", but not the "e"s of "e.g.")

Annex 72 H01L

Note after 21/18 We agree with EP, the word "and" on the third line should be replaced by "or".

Anders Bruun

[Annex VI follows/
L'annexe VI suit]

ANNEX VI/ANNEXE VI

COMMENTS SUBMITTED BY THE EUROPEAN PATENT OFFICE (EPO)/
OBSERVATIONS SOUMISES PAR L'OFFICE EUROPÉEN DES BREVETS (OEB)

EUROPEAN PATENT OFFICE
Principal Directorate Documentation

Re: NL+SE Comments on IPC/CE/26/2
5 March 1998

Paragraph 4, p.9

C 139 NL, Yes, this project concerns A61K, not A01D.
SE

G05F title NL Indeed, Annex 60 supersedes the corresponding entry of Annex IV of
IPC/CE/XXV/7.

G06K 9/00 NL Indeed, Annex 63 supersedes the corresponding entry of Annex 57 of
IPC/CE/XXV/7.

G11B title NL Indeed, Annex 68 supersedes the corresponding entry of Annex 61 of
IPC/CE/XXV/7.

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ANNEX 3 A61B (not G08G as in SE comment)

5/08 SE In principle, ok, but we would prefer:
"5/08 . Evaluating the respiratory --- "

5/13 SE In principle, ok, but we would prefer:
"5/103 . Testing the shape, --- "

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ANNEX 4 A61K

31/275 NL We agree with NL, there is no change at all compared to IPC6. Therefore,
in order to make clear that IPC/CE/XXV/7, A.9 is no longer valid for this
group, it should be presented like: <no change>

31/46 NL We agree with NL. As a solution, we prefer the one proposed under (a) in
the NL comments (compare Rapporteur Report C139, Annex 69, p.5), like:

"31/46 8-Azabicyclo [3.2.1] octane; --- "

"31/465 <Delete one dot>"

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ANNEX 7 B01D

G.H. NL Seems to be a flaw in the data management system.

G.H. SE We agree.

=====

ANNEX 15 B60B

G.H. NL Seems to be a flaw in the data management system.

The proposed correction concerning the term "assembling" seems necessary, but could perhaps also be achieved by simply leaving out "or assembling" in the reference.

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ANNEX 16B60Q

Title SE We would prefer to keep the reference as it is, to underline the fact that not the "lighting device per se" is referred to, but rather their "arrangement, mounting or supportint in railway vehicles etc".

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ANNEX 17B60R

1/12 SE After some reconsideration, we can now accept the modification proposed for 1/12, i.e. change "assemblies" into "arrangements".

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ANNEX 18B61D

29/00 NL We agree to use the expression "railway vehicles".

=====

ANNEX 19B62D

65/00 NL We agree, it should read "facilitating".

67/00 NL The emphasis here is on "disassembly". The only groups in B09B which at least partially cover the concept of disassembly are 3/00 and 5/00. Hence 1/00 was left out.

=====

ANNEX 20 B65D

85/81 NL We agree with NL that group B65D 85/81 should be renumbered. However, we propose 85/73 with the advantage, that application groups, e.g. cheese, milk, remain grouped together.

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ANNEX 22 C12C

11/11 NL We agree (see however our remarks to Annex 20).

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ANNEX 23E04H

17/04 SE We are not in favour of renumbering this group, because that would involve a lot of administrative reclassification work, which in our view is not justified in this case where only a few documents need reclassification because of the deleted subject matter ("coupling means").

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ANNEX 26E21B

3/025 NL We agree to delete "of the tool".

3/03 NL We agree to delete "of the tool" and to spell "unidirectional" (i.e. without hyphen).

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ANNEX 41F21V

7/20 SE We agree to the proposed modification.

13/00 SE Since combinations of features falling into one and the same main group should be classified in that main group and not here, we agree to add the expression "main" as proposed by SE. It will make things clear, indeed.

14/02 SE We agree.

17/02 SE Compared to 17/08, group 17/02 seems more specific. The direction of a reference or precedence note therefore should from 17/08 to 17/02. However, that questions the adopted precedence notes from 17/02 to 17/04 and 17/06. This point probably needs some clarification.

21/03 SE We agree, 21/04 should take precedence.

21/08 SE We agree.

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ANNEX 53F27B

15/00 SE Strictly speaking, the reference is not necessary.

=====

ANNEX 57G04B

Title NL We are busy to investigate the implication of these comments and will present our view during the meeting, i.e. whether or not to modify the wording of the reference and/or whether a similar reference to G04C is necessary.

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ANNEX 59G05D

Title NL (1) These references should be included in the list of general references (as can be deducted from the subsequent string "G03G 21/20 ---").

(2) Characteristics and parameters of "fluidised beds" would seem to be "non-electric", the feature for G05D.

(3) We agree to mention the "general references" first in the list.

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ANNEX 66G08G

1/0967 SE We agree with SE.

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ANNEX 68G11B

Title NL We agree with NL.

Title SE We agree with SE.

=====

ANNEX 69G11C

NL We would agree with combined forms "Input/output (I/O)" and "Read-write (R-W)" in the wording proper and short forms "I/O" and "R-W" in the examples. Groups to be considered: 11/356, 11/409, 11/4093, 11/4096, 11/416, 11/419.

11/344 SE We agree.

11/348 SE Although we fail to see directly the advantage, we have no objection to the
- 11/356 proposed reordering of the groups.

11/407 SE We agree.

11/4096 SE See answer to NL comments here above.

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ANNEX 72H01L

21/18 SE See EP comments.

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ANNEX 75H02J

NL See Annex 57 here above.

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ANNEX 76H02M

NL See Annex 57 here above.

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ANNEX 77H03K

NL See Annex 57 here above.

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J. Rampelmann

[Annex VII follows/
L'annexe VII suit]

ANNEX VII/ANNEXE VII

COMMENTS SUBMITTED BY SWEDEN/
OBSERVATIONS SOUMISES PAR LA SUÈDE

Swedish Patent and Registration Office

ADDITIONAL COMMENTS
on IPC/CE/26/2
Date: 9 March 1998

We do not foresee any major problems in dealing with the questions pointed out in the comments from EP (of February 18th and March 5th) and NL (of February 18th).

In regard to the DE comments of March 5th, we have the following comment:

F21V 5/08 We do not support the introduction of a reference to F21S 8/12. This would go against the philosophy of the revision of class F21. F21V is the place for details, such as refractors, per se. F21S is the place for lighting devices as a whole, for example characterised by the arrangement of different details.

The comment from EP on the list of references in Note (3) after class F21 (Annex 33) caused us to check the entries of this list again, something we did not do in detail during the SI meetings or while preparing our previous comments. This list is, to our understanding, intended to give an indication of places which provide for lighting devices in combination with other apparatus. We have comments on the following entries in this list:

G09F 21/10 G09F 21/14, which is at the same hierarchical level as 21/10, should be included in the list. This could be done by adding ", 21/14" after 21/10.

G12B 11/00 This entry is too short. It would be better to say "Indicating elements of instruments".

G12B 17/04 This is not a valid entry in the list. G12B 17/04 does not relate to lighting devices, and furthermore includes the reference "screening of lighting devices F21V".

H01R 33/02-33/22 These are not places providing for any aspect of lighting devices, but for "Coupling devices in which a holder is adapted for supporting apparatus to which its counterpart is attached". 33/08 and 33/09 specifically provide for coupling devices for lighting devices, but in 33/02 and 33/22 the lighting devices are only given as examples. However, structural associations of counterparts with specific apparatus are referred to the relevant subclass for the apparatus. Therefore we do not think these entries are valid

If references to these places are needed, we think they should be placed in a detail place, for example in F21V 23/06. However, it could be argued that references are unnecessary, since they are covered by the general reference relating to "electric aspects or elements" in the F21 title.

We apologise for raising these questions at this late stage.

Anders Bruun

[End of Annex VII and of document/
Fin de l'annexe VII et du document]