

# WIPO



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**WORLD INTELLECTUAL PROPERTY ORGANIZATION**  
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**SPECIAL UNION FOR THE INTERNATIONAL PATENT CLASSIFICATION  
(IPC UNION)**

**COMMITTEE OF EXPERTS**

**Twenty-Seventh Session  
Geneva, October 21 to 30, 1998**

COMMENTS ON DOCUMENT IPC/CE/27/2

*Document prepared by the International Bureau*

Annexes I to VI to this document contain comments on amendments to the IPC proposed by the PCIPI Working Group on Search Information (see document IPC/CE/27/2), submitted by Germany, Japan, the Netherlands, the Russian Federation, Sweden and the European Patent Office (EPO).

[Annexes follow]

## ANNEX I/ANNEXE I

DEUTSCHES PATENTAMT German Patent Office				IPC/CE/27/2												
				Date : 8 Oct. 1998												
DE - Comments																
Ver- sion	/27/2 Annex	Class/ Subclass	Entry	Comments												
E/F	par. 4			<p>The tabular under this paragraph is not quite clear. The project in the first column, e.g. C274, cannot be found in Annex 6 of document CE/26/8 but in Annex 12 of document CE/27/2. It was noted that the places already approved and mentioned in the third column are amended by changes from projects listed in the first column. To be more clear it is proposed to amend the tabular as follows:</p> <p>First column, the projects which appear in document CE/26/8, e.g. C273; adding a further column on the right hand side with the projects containing the place in the Annex of document CE/27/2, e.g. C274:</p> <table><tr><td>First column</td><td>Last column</td></tr><tr><td>273</td><td>274</td></tr><tr><td>245</td><td>383</td></tr><tr><td>224</td><td>372</td></tr><tr><td>266</td><td>384</td></tr><tr><td>266</td><td>384</td></tr></table>	First column	Last column	273	274	245	383	224	372	266	384	266	384
First column	Last column															
273	274															
245	383															
224	372															
266	384															
266	384															
E	25	B 81	Note (2) (ii) after title	<p>When we started to translate that particular part (ii) of Note (2) we had some difficulties in finding a wording (in German) to make this Note understandable for the user. After some attempts finding a proper translation we had a further look on the wording in English and we got the impression that the difficulties we had with the translation is caused by the complex and rather long sentence of the English text. Probably, experts with English as mother tongue have difficulties in understanding this note too. Therefor we like to ask, if the wording could not be made clearer, e.g. defining what is said under (2)(ii) in two sentences. At the moment we do not have an appropriate proposal at hand.</p> <p>The similar problem happens with Note (2)(c) after the Title of G 05 B (see document IPC/CE/XXV/7, ANNEX IV).</p>												

[Annex II follows/  
L'annexe II suit]

ANNEX II/ANNEXE II

**JP COMMENTNS**

**Date 30.09.98**

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

**PCIPI/C-328**

**C08K 5/54 (+)**

The JPO agrees with the proposal. We find some clerical mistake in the revision proposal, however, and think that C08K 5/5997 should be read as C08K 5/5497.

**PCIPI/C-364**

**D06L (-)**

As we provided the same comment on this revision proposal before, we do not think it necessary to create a new subgroup in D06L to cover the technology using enzymes for treatment of textiles. Because there already exists the group of C12S 11/00 for "process using enzymes". We can deal effectively with the case by putting down the both D06L and C12S 11/00 together.

Besides, the technology using enzymes to be classified in D06L is limited. Therefore, the creation of the proposed subgroup would only cause an overlapping problem with C11D 11/00 without any improvement in search efficiency.

**PCIPI/C-372**

**F23N (-)**

The JPO cannot find any special necessity in the proposal. Instead, we wonder it would unnecessarily narrow the technical fields related to F23N.

If the current reference in F23N (only G05) should be replaced, we think it more appropriate to add the following related fields into F23N as references instead of only two (F23C 10/28 and F24B 1/187).

F23G 5/50: Control or safety arrangements (Incineration of waste)

F24C 3/12: Arrangement or mounting of control or safety devices (Stoves or ranges for gaseous fuels)

F24C 5/16: Arrangement or mounting of control or safety devices (Stoves or ranges for liquid fuels)

F24H 9/20: Arrangement or mounting of control or safety devices (Boiler, bath heater, water heater)

F22B 35/00: Control systems for steam boilers

F22G 5/02: Applications of combustion-control devices

There are many other places related to F23N. And we find no justifiable reasons why only two subgroups are proposed as references to F23N.

We feel that the current reference in F23N (G05: regulating in general) is more technically consistent than the proposed references.

[Annex III follows/  
L'annexe III suit]

## ANNEX III/ANNEXE III

NL Comments with relation to document IPC/CE/27/2

Annex 7

**a) A61F 13/497**

Would it have advantages to renumber this group into 13/501? In that case, only the subgroups of A61F 13/49 would have a number 13/49x. Such may be attractive for truncation purposes when searching.

**b) A61F 13/00**

The reference concerning bandages should point to both A61L 15/00 and A61L 26/00.

Annex 11

**a) A61L 2/00**

Should one add to the title a second part reading "Accessories therefor"?  
Compare A61L 12/00, having a two-part title, thereby suggesting that accessories are not covered by "methods or apparatus".

**b) A61L Subclass Index**

The proposal in document IPC/CE/27/2 overlooks the deletion of A61L 25/00. The third and fourth line should be replaced by

MATERIALS FOR ⇒

⇐ blood vessels 17/00

prostheses or for ⇒

⇐ surgical articles 31/00

**c) A61L 24/10, 27/22, 33/12**

Someone classifying in Section C will have difficulty in regarding polypeptides and proteins as "macromolecules". The only example given, "collagen" in A61L 27/24, in Section C is classified in C07K 14/78, i.e. not in the subclass dealing with macromolecular compounds.

NL suggests:

1. to renumber 24/12 into 24/10 and to create a one-dot group 24/12 with the title "Polypeptides; Proteins".
2. to renumber 27/26 into 27/22, to create a one-dot group 27/24 with the title "Polypeptides or derivatives thereof" and to create a two-dot group 27/26 with the title "Collagen".
3. to change 33/12 into a one-dot group .

**d) A61L 26/00**

The word "adhesive" does neither appear in the title of A61L 15/16 nor in the one of A61F 13/00.

NL suggests to phrase the title of 26/00 along the lines of the title of A61L 15/00, e.g. "Chemical aspects of liquid bandages (chemical aspects of other bandages 15/00; other aspects A61F 13/00)".

**e) Notes after A61L 27/00**

Given the proposed wording of 27/50, notes 1 and 2 should refer to:

1. 27/02 to 27/48 rather than 27/02 to 27/50;
2. 27/50 to 27/60 rather than 27/52 to 27/60.

**f) A61L 15/00**

In the title of this group a reference should be added "(Chemical aspects of liquid bandages 26/00)".

Annex 30

**a) C02F 101:00, 103:00**

Why is an uneven subgroup numbering chosen (101:11, 101:13, etc.) ?  
Compare the even subgroup numbering proposed in connection with A61L 101:00.

**b) C02F 101:37**

NL would prefer the singular form "halogen". Compare 101:35 and 101:39.

**c) C02F 103:21**

NL has the feeling that this title is needlessly broad. Many of the other subgroups of 103:00 can be regarded as relating to chemical industry.

NL suggests

1. to renumber 103:21 into 103:61, with the title "from chemical industry not provided for in groups 103:11 to 103:47.
2. to renumber 103:23, 103:235 and 103:25 into 103:63, 103:635 and 103:65 respectively.

Annex 32

**a) C03C 25/10 to 25/88**

Why is the proposed group numbering as it is? As far as NL is aware, only 25/02, 25/04 and 25/06 have been used in the past.

If the intention is to give a specific type of number to double purpose entries (groups 25/205 to 25/385), it is confusing to have 25/155 and 25/875 for entries which are for classifying purposes only.

**b) Note (2) after C03C 25/17, and C03C 25/385**

Given the last place rule operating with relation to groups 25/205 to 25/385, it seems to NL that 25/385 cannot be a double purpose entry.

Therefore Note (2) should refer to the indexing codes chosen from 25/205 to 25/375, and group 25/385 should not be accompanied by a line in the left-hand margin.

**c) C03C 25/345**

NL would prefer the first word of the title to read "Organo-metallic". Compare A61L 101:42.

**d) C03C 25/42 to 25/46**

Since "inorganic coatings" are not mentioned at all in group 25/205 to 25/385, NL assumes that inorganic coating means "coating containing inorganic material".

If our understanding is correct, we would prefer the following wording:

- 25/42 ...All coatings only containing organic materials
- 25/44 ...Only coatings containing inorganic materials
- 25/46 ...Combinations of one or more coatings only containing organic materials and one or more coatings containing inorganic materials.

**e) C03C 25/87**

Since the content of C03C 25/70 might be regarded as "chemical treatment", NL suggests to add to the title of 25/87 the reference "(diffusing ions or metals into the surface 25/70)".

Annex 34

**a) C08K 5/1513 to 5/1597**

A more evenly distributed group numbering may leave more room for future developments.  
NL suggests to renumber:

- the three-dot groups into 5/151, 5/156 and 5/159;
- the four-dot groups into 5/1515, 5/1525, 5/1535 and 5/1545;
- the five-dot group into 5/1539.

**b) C08K 5/5413 to 5/5497**

First of all NL assumes that 5/5997 should read “5/5497”. Secondly, here again we think that a different way of numbering would leave more room for future developments.

NL suggests to renumber:

- the two-dot groups into 5/541, 5/544, 5/548 and 5/549;
- the three-dot groups into 5/5415, 5/5425, 5/5435, 5/5445, 5/5455, 5/5465 and 5/5475;
- the four-dot groups into 5/5419.

**c) C08K 5/5473**

For the uninitiated user, the indication “FIG.704” is unclear.

[Annex IV follows/  
L’annexe IV suit]

## ANNEX IV/ANNEXE IV

## FEDERAL INSTITUTE OF INDUSTRIAL PROPERTY

RU comments	
<b>PCIPI Project: 364</b> <b>Class/subclass: D 06L</b>	<b>Date: 77.</b> <b>Page 1. of 12.</b>

In response to JP comments (30.09.98) we would like to note that we fully agree with GB opinion that «the specific provision of entries for using enzymes is not inconsistent with either Note in D 06L, or Note 1 in C 12S» (Annex 2 to the project file). There is no an overlap problem with either C 12S 11/00 or C 11D 3/386.

C 12S 11/00 is general and additional place for treatment of textile, i.e. C 12S covers processes already provided for in ... D 06L, M, P, ...

C 11D covers ingredients of detergent compositions.

So we think specific places for the use of enzymes, e.g. in bleaching, are useful for searching.

**RU COMMENTS on IPC/CE/27/2**

In Annexes 16 and 36 in English version only it should be «or» instead of «of».

Annex 16 B 22D (Version E)

19/14 . - - - containing fibres or filaments by - - -

Annex 36 C 22C (Version E)

101:00 - - - fibres or filaments

By analogy with groups C 22C 1/04 and C 22C 1/05 the reference in group C 22C 1/10 to group C 22C 1/09 should be deleted, i.e. 1/10 should be included in Annex 36.

Annex 36 C 22C (Version E)

1/10 . - - - (1/08 takes precedence)

Annex 36 C 22C (Version F)

1/10 . - - - (1/08 a priorite)

[Annex V follows/  
L'annexe V suit]



ANNEX V/ANNEXE V

**SE COMMENTS  
on IPC/CE/27/2**

- ANNEX 1:** The complete reference would read "**methods of disinfection or sterilisation in general, deodorisation of air, apparatus therefor A61L**". This is what was adapted at SI/21, but it is unclear and it is not what was proposed in Annex 26 to the project file. That wording was "- - - , and apparatus therefor A61L", which is clearer, but not completely correct, since A61L does not explicitly provide for apparatus for deodorisation of air. According to our notes, the Annex 26 version was adopted, but this might have been overlooked during the checking of the report. However, we think a better wording would be "**methods or apparatus for disinfection or sterilisation in general, deodorisation of air A61L**"
- ANNEX 7:** The word "Baths" was added to the beginning of the 3/20 title. We think it should be added to the unchanged 3/18 title too, for the sake of consistency: ***Baths combined with hand basins***
- ANNEX 8:** Referring to earlier FR and EP comments regarding overlap between the two-dot groups, we think it is preferable to keep the tampons in one place, that is to give 13/20 precedence over 13/497, 13/51 and 13/53.
- ANNEX 8:** There is indeed also (already in the existing scheme) an overlap between groups 13/40 - 13/44 and the other two-dot groups. We think it is important to keep these specialised groups apart from the more general ones, so we could consider giving 13/40 - 13/44 precedence from the other two-dot groups. However, this question was not really a part of the project, so we might better leave it alone for the moment.
- ANNEX 11:** The group numbers in Notes (1) and (2) are wrong. Note (1) should say "**27/02 to 27/48**" and Note (2) should say "**27/02 to 27/48**" and "**27/50 to 27/60**".
- ANNEX 30:** In relation to Note (4) after 9/00, we wonder if it is necessary to use linked indexing codes relating to individual steps. We do not remember if this point was thoroughly discussed during the project, and we wonder whether the use of linked codes gives any extra information that justifies the added complexity in relation to unlinked codes.
- ANNEX 30:** We do not think the "residual" main group 103:00 gives any useful information. It would still have to be used quite often, since its subdivisions are by no means exhaustive. We propose that it is deleted and that the numbering of its subgroups is changed to make the one-dot

groups new main groups, for example in the series 111:00, 113:00 and so on. The exact wording might be discussed, but it seems that the words **"Water, waste water, sewage or sludge"** can simply be added in the beginning of the titles starting with **"from"**. If this change is done, relevant modifications will have to be done in the corresponding notes.

- ANNEX 30:** We do not think 103:21 gives any useful information. It is very unspecific and overlaps with several other codes. We propose to delete it.
- ANNEX 30:** We think the expression **"processing of animals - - - or parts thereof"** in 103:37 is unusual and unclear. It is not obvious whether it includes animal husbandry, which we think it should do. The examples are confusing in combination with the second part of the title. We would propose dropping the examples and making it a two-part title: **"from animal husbandry; from the processing of animals or parts thereof"**.
- ANNEX 32:** Should there be a **"C"** in the margin of groups 19/00 and 21/00? The numbering of the new subgroups of 25/00 is very unorthodox - we think the groups should be renumbered.
- ANNEX 64:** In group 5/36 the expression **"APA, i.e. all-points-addressable memory"** is replaced by **"bit-mapped memory"**. Should the example be modified in 5/40 too?
- ANNEX 65:** The titles of groups 7/0025 - 7/0037 do not read on well from the 7/002 title. We think the words **"with"** could be replaced by **"using"**.
- ANNEX 65:** Somewhere else, we do not remember exactly where, the expression **"quasi or evanescent contact"** was replaced by **"quasi-contact or evanescent contact"**. We think it should also be replaced in Note (2), third indent.

Anders Bruun

[Annex VI follows/  
L'annexe VI suit]

## ANNEX VI/ANNEXE VI



EUROPEAN PATENT OFFICE  
Principal Directorate Documentation

Comments on IPC/CE/27/2  
1 October 1998

## Project: C 318 Subclass: A61F

We welcome the comment of the FR office about possible overlap in subgroup A61F13/15.

Nevertheless we consider the tampon with its particular form as a very special absorbent pad and we believe it is important for efficient searching to maintain a separation between tampons and the other absorbent pads. Therefore we would prefer a reference note in the supgroups 13/497, 13/51 and 13/53 referring to tampons.

We further investigated the possible overlap between 13/20 and the three subgroups 13/40, 13/42 and 13/44 and came to the conclusion that in praxis there is no overlap. Therefore we do not see the need to introduce the proposed reference.

### Annex 11 A61L - versions E/F

27/00

Note (1) This note should refer to 27/02 to 27/42

Note (2) This note should read:

*" --- in groups 27/02 to 27/42, classification is - - - in groups 27/50 to 27/60 if the use ---"*

(see similar notes after other main groups; 27/-- groups have been renumbered, but these notes have not been adapted as it seems)

### Annex 11 A61L - version F

24/06 "--- carbone-carbone non-saturées"

101:42 Should the wording of this group not read: "Composés ou complexes organométalliques" as in the translation prepared by FR, dated 8/1998?

### Annex 22 B60N - version F

2/00 "--- véhicules; Agencement ou ---"

### Annex 30 C02F - version F

9/00

Note (2) "ne couvre pas" should be underlined.

- 101:11 For consistency reasons, should "minéraux" not be replaced by "inorganiques" in this group? (see more general remarks in this respect in the comments related to Annex32)
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#### Annex 32 C03C - versions E/F

- 25/11 Renumbering of adopted groups. In main group C03C 25/00 in IPC editions 1 - 6  
to 25/88 there were only three subgroups (25/02, 25/04, 25/06) which are now transferred in the course of this revision project to new 25/00 subgroups, starting from 25/10. This means there is complete freedom in choosing numbers for the new groups, starting from 25/10.

In the course of the discussions for this project, proposals, modified proposals, counter proposals were made. So a lot of groups were proposed, some of them quite similar to others. To avoid confusion, different numbers were used systematically for newly proposed groups. To be able to fit these new groups in an already accepted (or proposed) sequence, three digit groups had to be proposed in certain cases. These three digit numbers were only meant as a 'working instrument', not as a proposal for the final numbering.

Therefore we suggest to change the numbering of the adopted groups into the usual sequence, i.e. 25/10, 25/12, 25/14 etc. This would go up to 25/66 then. To take into account possible later revisions, a gap could be left between the first one dot entry and its subgroups (coating) , i.e 25/10 to 25/54 and the other one-dot groups, which would then become, e.g. 25/60 to 25/70. A draft for this renumbering, including adaptation of notes and references had already been given to the IB during PCIPI/SI/21.

#### Annex 32 C03C - version F

- 25/44 "inorganique" versus "minérale" It was decided to use "inorganique" instead of "minérale" on several occasions, e.g.

- in Project C319 (A61L) for new group A61L101:02
- in Project C320 (A61L) for new entries A61L27/02, 27/30, 27/42, 27/46, 29/02, 29/10, 31/02 and 33/02.

In the present project (C260) however, both terms have been used. Therefore it would be better to change the wording of new group C03C25/44 in:

*"Revêtements inorganiques uniquement "*

(see also Annex 30 - C02F - ; to be consistent, in group C02F101:11 "minéraux" should probably be replaced by "inorganiques")

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Annex 36 C22C - version E  
B22F

1/02 Additional REFERENCE To avoid uncertainty for classifiers, it might be useful to add the following reference to group B22F1/02:

"--- of the powder (*coating fibres for making alloys containing these fibres C22C 47/04*)"

Annex 36 C22C - version F

B22F

1/02 "--- des particules (*revêtements des fibres pour la fabrication d'alliage contenant ces fibres C22C 47/04*)"  
(see explanation above for the English version)

C22C

Rubrique-  
guide avant

1/00 "--- ferreux, c. à d. alliages à base--- " should be underlined.

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Annex 68 H01H - version F

13/708 The wording using the expression "et" seems to be consistent with the English version and perfectly comprehensible. The use of the expression "ou" makes the wording ambiguous.

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