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(IPC UNION)

COMMITTEE OF EXPERTS

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COMMENTS ON DOCUMENT IPC/CE/32/2

Document prepared by the Secretariat

1. Annexes I and II to this document contain comments on amendments to the IPC proposed by the IPC Revision Working Group (see document IPC/CE/32/2), submitted by Sweden and the European Patent Office (EPO).
2. At its eighth session, held in November/December 2002, the Working Group invited comments on the title of subclass B60T (Project C 355) proposed by Sweden (see document IPC/WG/8/8, paragraph 73). Annexes III and IV to this document contain, respectively, comments submitted by the EPO and a rapporteur report submitted by Sweden on the correct title of subclass B60T.
3. *The Committee of Experts is invited to take note of the comments submitted in Annexes I to IV to this document.*

[Annexes follow]

Swedish Patent and Registration Office

Proposed amendments to the IPC

February 11th, 2003

Comments (in response to IPC/CE/32/2)

Annex 5 (A61K) C412

- We wonder whether Note (3) is correct. As it stands it excludes the entire main group 8/00 from the last place rule. Is this the intention, shouldn't it in fact only exclude the subgroups, for which there is a special precedence rule (see Note (1) after 8/00)?

We suggest:

(3) *In this subclass, with the exception of groups 8/02 to 8/99, in the absence - - -*

Annex 5 (A61K) C412

- The intention was to delete main group 7/00, but there are no transfer notes. Transfer notes were proposed in Annex 18 of the project file, but they must surely be outdated now, so it appears the project must be referred back to IPC/WG.

Annex 7 (A61Q) C412

- We think "dentifrices" and "mouth rinses" in 11/00 should be examples, not separate parts of the title. According to our dictionary "dentifrice" means "a powder, paste, or liquid for cleaning the teeth". We suggest:

11/00 *Preparations for care of the teeth, of the oral cavity or of dentures, e.g. **dentifrices, toothpastes or mouth rinses***

Annex 10 (B30B) C414

- The second reference in 11/00 is not worded in the same way as the others. We would prefer using the complete subclass symbol in the last example. We suggest:

11/00 *- - - **tableting presses (apparatus for forming or shaping of dough A21C 3/00, 11/00; **apparatus for shaping clay or mixtures containing cement B28B; apparatus for shaping of plastic or substances in a plastic state B29, e.g. for compression moulding B29C 43/00, for extrusion moulding B29C 47/00)*****

Annex 11 (B32B) C278

- In the English version it is difficult to understand which of the notes that are deleted. It would appear that Note (3) and the last indent of Note (2) are deleted - in that case it seems that some renumbering of the remaining notes is necessary. However, we do not think this is the intention - in IPC/WG/4/5, TA 1E the deletion was expressed in a different way, indicating that only the last indent of Note (3) was deleted. The French version uses the same expression as IPC/WG/4/5, so the problem does not occur there.

Annex 13 (B60T) C355

- We think the example in 8/175 should read "for traction control":
- 8/175 *- - - **vehicle acceleration, e.g. **for traction control**** (- - -*

Annex 15 (C08J) C415

- The indication of change is neither consistent with the printed version nor with IPC:CLASS. Has C08B been lost from the title or not?

Title - - - *SUBCLASSES C08B, C, F, G or H (working, e.g. shaping, of plastics B29; layered - - -*

Annex 16 (C09K 8/05) C362

- Is there any reason why 8/05 should not be placed between 8/24 and 8/26? In that case the references in 8/06 and 8/14, pointing upwards in a last place rule scheme, would be unnecessary.

Annex 17 (C10L) C363

- Group 1/182 (see IPC/WG/4/5, TA17 E for the English version) is missing. The French version of the group appears to be in IPC/WG/3/3, TA 38F:

N 1/182 •••• *containing hydroxy groups; Salts thereof*

N 1/182 •••• *contenant des groupes hydroxyle; Leurs sels*

Annex 18 (C12S) C362

- The order of the subclasses in the list is messed up, because the column presentation of the printed version has not been properly converted. We suggest that a linear presentation, if necessary with one line per section, should be used instead.

Annex 22 (E21B) C362

- We would prefer to have C09K 8/58 mentioned in full in the example of Note (2)

Annex 25 (F04C) C369

- The reference construction using the expression "such pumps" does not work well in 2/00 and 3/00, since it is not obvious that "such" relates to the group title and not the immediately preceding reference. We think a more complete wording has to be used:

2/00 - - - *like 7/00; rotary piston pumps specially adapted for elastic fluids 18/00, 19/00; rotary-piston machines or pumps in - - -*

3/00 - - - *resiliently deformable 5/00; rotary-piston pumps with non-parallel axes of movement of co-operating members specially adapted for elastic fluids 18/48)*

Anders Bruun

[Annex II follows/
L'annexe II suit]

ANNEX II/ANNEXE II



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Principal Directorate Tools-Documentation

EP comments on document IPC/CE/32/2

These comments already take into account the comments of SE on document CE/32/2.

Annex 5

- 1) We do not agree with SE comment; the aim of note (3) was a local last place rule as suggested first by SE, so it should stay as written in Annex 5.
- 2) Indeed, the transfers are missing; we have now prepared them, hoping they won't be to late for the project:

- D 7/00 < transferred to A61K8/00 or A61Q1/00 >
- D 7/02 < transferred to A61K8/18 to 8/99 or A61Q1/00 >
- D 7/021 <transferred to A61K8/18 to 8/99 or A61Q1/02 >
- D 7/025 <transferred to A61K8/18 to 8/99 or A61Q1/04 >
- D 7/027 <transferred to A61K8/18 to 8/99 or A61Q1/06 >
- D 7/031 <transferred to A61K8/18 to 8/99 or A61Q1/08 >
- D 7/032 <transferred to A61K8/18 to 8/99 or A61Q1/10 >
- D 7/035 <transferred to A61K8/18 to 8/99 or A61Q1/02 to 1/10 >
- D 7/04 <transferred to A61K8/18 to 8/99 or A61Q3/00 >
- D 7/043 <transferred to A61K8/18 to 8/99 or A61Q3/02 >
- D 7/047 <transferred to A61K8/18 to 8/99 or A61Q3/04 >
- D 7/06 <transferred to A61K8/18 to 8/99 or A61Q5/00 to 9/00 >
- D 7/07 <transferred to A61K8/18 to 8/99 or A61Q5/00 to 9/00 >
- D 7/075 <transferred to A61K8/18 to 8/99 or A61Q5/12 >
- D 7/08 <transferred to A61K8/18 to 8/99 or A61Q5/02 >

- D 7/09 <transferred to A61K8/18 to 8/99 or A61Q5/04 >
- D 7/11 <transferred to A61K8/18 to 8/99 or A61Q5/06 >
- D 7/13 <transferred to A61K8/18 to 8/99 or A61Q5/10 >
- D 7/135 <transferred to A61K8/18 to 8/99 or A61Q5/08 >
- D 7/15 <transferred to A61K8/18 to 8/99 or A61Q9/02 >
- D 7/155 <transferred to A61K8/18 to 8/99 or A61Q9/04 >
- D 7/16 <transferred to A61K8/18 to 8/99 or A61Q11/00 >
- D 7/18 <transferred to A61K8/69 or 8/70 or A61Q11/00>
- D 7/20 <transferred to A61K8/18 to 8/99 or A61Q11/00 >
- D 7/22 <transferred to A61K8/40 to 8/45 or A61Q11/00 >
- D 7/24 <transferred to A61K8/365 or A61Q11/00 >
- D 7/26 <transferred to A61K8/97 or 8/98 or A61Q11/00 >
- D 7/28 <transferred to A61K8/66 or A61Q11/00 >
- D 7/30 <transferred to A61K8/18 to 8/99 or A61Q11/02 >
- D 7/32 <transferred to A61K8/18 to 8/99 or A61Q15/00 >
- D 7/34 <transferred to A61K8/18 to 8/99 or A61Q15/00 >
- D 7/36 <transferred to A61K8/18 to 8/99 or A61Q15/00 >
- D 7/38 <transferred to A61K8/18 to 8/99 or A61Q15/00 >
- D 7/40 <transferred to A61K8/18 to 8/99 or A61Q17/00 >
- D 7/42 <transferred to A61K8/18 to 8/99 or A61Q17/04 >
- D 7/44 <transferred to A61K8/18 to 8/99 or A61Q17/04 >
- D 7/46 <transferred to A61K8/18 to 8/99 or A61Q13/00>
- D 7/48 <transferred to A61K8/18 to 8/99 or A61Q19/00 to 19/08 >
- D 7/50 <transferred to A61K8/30 to 8/99 or A61Q5/02 or 19/09 >

Annex 7

We would rather leave it as it is; mouth rinses can contain ingredients which only mask odour, for e.g. mint.

Additional point: Should the numbering of A61Q19/09 become 19/10?

Annex 15

We agree with the SE comments.

Annex 16 (C09K)

p. 17, last line:

The intention of the change is to delete the reference to E21B33/00, so it should read (as in annex 33 to the project file):

17/00 - - - -materials (specially adapted for boreholes or wells
8/00; fertilisers C05; consolidating - - - - THE SOIL E02D3/12)

Answer to SE's comment:: the most appropriate place for the clay group has been discussed lengthily in the revision WG. It was agreed that technically this was the best option.

So we do not think this should be discussed again. In other words, there were good reasons to do it the way we did it.

Annex 18 (C12S)

This is correct, but looks odd (sequence of subclasses) because of the bad representation: in IPC7 the subclasses are arranged in three columns, which is not clear from this technical annex 18.

Annex 17 (C10L)

a group is missing (see also annexes 19 and 44 to the project file):

N 1/182 containing hydroxy groups; Salts thereof

Annex 22 (C362)

We agree with SE.

Paul Daeleman
Anne Glanddier
Heiko Wongel

[Annex III follows/
L'annexe III suit]

ANNEX III/ANNEXE III

Project: C-355 Subclass: B60T

One solution to solve the discrepancy between the title and the actual content of the subclass would have been to move out of the subclass the groups not dealing with the braking control as such. In our view:

- group 1/00 and parts of group 17/00 would fit better under F16D
- groups 3/00 and 5/00 in the subclasses for vehicles (B61; B62)
- even some subgroups of 15/00 are not directly related to braking control

Nevertheless, we understand that that is maybe too ambitious at this stage of the project and believe that a title reflecting all the material classified in the subclass would be an improvement. We propose the following title, which is close to the SE proposal in the related definition project (D015):

Vehicle brake control systems or parts thereof; brake control systems, or parts thereof, in general (electrodynamic brake system for vehicle in general B60L; brakes per se, i.e. devices where braking effect occurs, including ultimate brake actuators, F16D); Arrangements of braking elements; Portable devices for preventing unwanted movement of vehicles; Vehicle modifications to facilitate cooling of brakes

A.Narminio

[Annex IV follows/
L'annexe IV suit]

ANNEX IV/ANNEXE IV

Swedish Patent and Registration Office

IPC Revision Project C355, subclass B60T

February 11th, 2003

Rapporteur Report (in response to IPC/WG/8/8, paragraph 73)

In the framework of the related definition project D015, WG/8 noted that the title of subclass B60T was inaccurate. In the English version the title is "**Vehicle brake control systems or parts thereof; brake control systems, or parts thereof, in general**", which clearly does not reflect the scope of main groups 1/00 – 5/00. In the French version the title is "**Freinage ou commande des freins pour véhicules; Systèmes de commande des freins ou parties de ces systèmes, en général**", which is also an incorrect reflection of the scope, but in another way...

SE, in D015, Annex 13, proposed adding three parts to the English title in order to reflect the scope of main groups 1/00 – 5/00: "**; Arrangement of braking elements on land vehicles (on cycles B62L); Portable devices for preventing unwanted movement of vehicles; Vehicle modifications to facilitate cooling of brakes**".

Comments were invited on this proposed title, in order to achieve a consolidated proposal that could be forwarded to the Committee of Experts for adoption.

A comment has been received from GB (D015, Annex 15)

GB propose amendments to the English title and suggest amending the French version by deleting the generalised reference to "freinage", and by incorporating French versions of their proposed amendments in English. GB proposes to use a slightly shortened version of the Swedish proposed title. They say the mention of "*on land vehicles (on cycles B62L)*" could be taken care of by limiting references, and should be because this phraseology is not present in group 1/00. See R's proposal in another Annex.

GB further state that all limiting references in the definition should be added to the subclass title, in both languages.

GB say there is no common concept in groups 1/00 to 5/00 and they can think of no way of succinctly summarising them in an elegant phrase. "We therefore have a choice of (i) ignoring groups 1/00 to 5/00 in the title of B60T, or (ii) mentioning them in a rather cumbersome addition to the title, as suggested by SE. Option (i) has the virtue of simplicity but leads to a title that does not accurately reflect the content of the subclass." GB therefore suggest following option (ii), leading to the following titles:

**Vehicle brake control systems or parts thereof;
Brake control systems or parts thereof in general;
Arrangements of braking elements;
Portable devices for preventing unwanted movement of vehicles;
Vehicle modifications to facilitate cooling of brakes**

**Commande des freins pour véhicules;
Systèmes de commande des freins ou parties de ces systèmes, en général;
Aménagements des éléments de freinage;
Dispositifs portatifs pour interdire le mouvement non voulu d'un véhicule;
Modifications apportées aux véhicules pour faciliter le refroidissement des freins**

Rapporteur's opinion

Rapporteur thinks that "Arrangements of braking elements" is too wide as a third part of the title, and that such a wide scope was never the intention. "Arrangements of braking elements" has to be read in the context of the class title, which is "Vehicles in general". Rapporteur also thinks group 1/00 is the source of the part "Freinage - - - pour véhicules" of the French version of the subclass title. F16D is the general place for brakes. After the subclass title of F16D there is a list of informative references to places where brakes are covered in application places (and there are many more places scattered over the IPC where brakes for special applications are covered). B60T is not mentioned in this list of application places. Furthermore, Note (g) after class B60 says that subclass B60T includes brake control systems of general applicability, and in this respect it is not limited to vehicles. It does not talk about other respects.

GB propose that all limiting references in the definitions should be repeated in the title. Rapporteur does not agree with this, since several of them are references to application fields that in the past have not been systematically collected after titles. Rapporteur thinks the existing references after the second part of the title should remain unchanged until future guidelines on the use of references in schemes are decided.

Rapporteur's proposal

If the conclusion is that the title of B60T 1/00 is to be read in the context of the class title the natural consequence is to repeat the class title in the part of the subclass title that relates to 1/00. This would lead to the following titles (for ease of reading they are printed in lower case letters and with different parts starting on separate lines, as in the definitions):

**EV: Vehicle brake control systems or parts thereof;
Brake control systems or parts thereof, in general** (electrodynamic brake systems for vehicles, in general B60L; brakes per se, i.e. devices where braking effect occurs, including ultimate brake actuators, F16D);
**Arrangements of braking elements on vehicles in general;
Portable devices for preventing unwanted movement of vehicles;
Vehicle modifications to facilitate cooling of brakes**

**VF: Systèmes de commande des freins pour véhicules ou parties de ces systèmes;
Systèmes de commande des freins ou parties de ces systèmes, en général** (systèmes de freinage électrodynamique des véhicules, en général B60L; freins en soi, c. à d. partie où se produit l'effet de freinage, y compris les organes terminaux d'action F16D);
**Aménagements des éléments de freinage sur véhicules en général;
Dispositifs portatifs pour interdire le mouvement non voulu d'un véhicule;
Modifications apportées aux véhicules pour faciliter le refroidissement des freins**

Rapporteur has also tried to adapt the wording of the first part of the French version of the title, in order to harmonise it with the second part.

Anders Bruun

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