

WIPO



IPC/CE/27/9 Suppl.1

ORIGINAL: English/French

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WORLD INTELLECTUAL PROPERTY ORGANIZATION
GENEVA

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

COMMITTEE OF EXPERTS

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

**REQUESTS FOR REVISION OF THE
INTERNATIONAL PATENT CLASSIFICATION (IPC)**

Document prepared by the International Bureau

1. Annex I to this document contains a proposal submitted by the Russian Federation for the revision of subclass G 01 M, to attach as a supplement to Annex 11 to document IPC/CE/27/9.
2. Annexes II to VI contain comments on the requests for revision of the IPC (see document IPC/CE/27/9), submitted by France, Germany, Japan, Sweden and the European Patent Office (EPO).

[Annexes follow]

ANNEX I/ANNEXE I

RU DETAILED PROPOSAL

Project:

Office: RU

Date: 10/15/98 10:20

Page 1 of 2

Type of amendment: C = Change of scope

Translation of:

D = Deletion of the entry

N = Creation of the entry

Type	Place	Wording	Remarks
	Title	- - -; Testing structures or apparatus <u>not otherwise provided for</u>	Attention is drawn to the expression «not otherwise provided for». We wonder how this expression affects the references after the group titles.
C	15/00	Testing of engines (indicators for determining work or energy of steam, internal- combustion, or other fluid-pressure engines from the condition of the working fluid G01L 23/00; arrangements for electrical testing characterised by what is being tested not provided for elsewhere G01L 31/00; testing dynamo-electric machines G01L 31/34)	
N	15/01	. Details or accessories	FR 2534025 FR 2708103 EP 0504133 GB 2155659 DE 1230596 US 5341674
N	15/03	. Testing or diagnosis of internal-combustion engines, e.g. of the piston type (indicating or supervising devices of internal-combustion engines F02B 77/08; running-in of internal-combustion engines F02B 79/00; detecting or indicating knocks in internal-combustion engines G01L 23/22)	FR 2403552 GB 1198836 GB 2282453 GB 2093184 GB 2126724 EP 0637739 DE 2365651
N	15/035	. . Monitoring positions of pistons or cranks of internal combustion engines (in combination with pressure indicators G01L 23/30)	US 5311771 US 5325710 US 5459940 EP 0486088

RU DETAILED PROPOSAL

Project: **Class/Sub-class: G 01 M** **Office: RU** **Date: 10/15/98 10:20**

Page 2 of 2

Type of amendment: C = Change of scope

Translation of:

D = Deletion of the entry

N = Creation of the entry

Type	Place	Wording	Remarks
N	15/037	. . Determining the compression ratio in cylinders of internal-combustion engines (units comprising pressure-sensitive members combined with ignitors for firing internal-combustion engines G01L 23/22)	FR 2375592 US 5608161 DE 2509199
N	15/039	. . Monitoring exhaust gases (analysing gases in general G01N)	WO 96/30736 FR 2410266 DE 2461880 DE 2407031 US 5431042 US 5469731 US 5561238
N	15/041	. . Misfire detection (control arrangements for preventing misfire F02D, F02P)	US 5492007 EP0744609 GB 2303455
N	15/043	. . Monitoring vibrations (measurement of mechanical vibrations in general G01H)	US 5392642 US 5596140 FR 2467396 FR 2554235
N	15/045	. . Testing component parts or systems thereof (testing fuel-injection apparatus F02M 65/00; testing internal -combustion engine ignition, e.g. timing F02P 17/00)	US 5323645 WO 87/07951 FR 2404839
N	15/05	. . Testing of gas turbine or jet-propulsion plants or their component parts or units (aerodynamic testing 9/00; rocket-engine plants characterised by specially adapted arrangements for testing or measuring F02K 9/96)	WO 95/18364 WO 82/01416 FR 2702838

[Annex II follows/
L'annexe II suit]

ANNEX II/ANNEXE II

FR - octobre 1998

**OBSERVATIONS SUR LE DOCUMENT IPC/CE/27/9**

Le tableau suivant donne la position de l'office français sur la nécessité ou non d'entreprendre une révision de la CIB dans les domaines concernés.

Pour les demandes de révision qui seront inscrites au programme, des observations plus détaillées sur les schémas proposés seront communiquées dans le cadre des travaux du Groupe de travail chargé de l'étude des propositions de révision de la CIB.

Ann.	Sous-classe	Office d'origine	Avis FR	Observations
1	A47B, G06K	SE	+	Nous sommes d'accord pour étudier cette proposition, il faudra entre autres indiquer clairement l'endroit correct pour classer les tapis de souris (voir les observations JP).
2	A61K	ES	x	La proposition nous paraît acceptable. Il faudra toutefois veiller à éviter les chevauchements avec la partie médicale, l'alopecie pouvant avoir des origines pathologiques.
3	A61K	ES	x	id.
4	B01D	GB	x	Il est bien sûr souhaitable de subdiviser le groupe B 01 D 15/08, mais cette proposition présente plusieurs inconvénients : – les chevauchements avec d'autres entrées risquent d'être multiples, notamment avec C 07 C 7/12, C 07 K 1/16, G 01 N 30/00; – il ne faut pas oublier que les matériaux adsorbants sont couverts par le groupe B 01 J 20/00 (groupe 15/34 proposé) – le groupe 15/34 "sorbent materials" devrait être limité à l'<u>a</u>dsorption sélective, titre du 15/08.
5	B30B	PT	+	

FR – octobre 1998 - OBSERVATIONS SUR LE DOCUMENT IPC/CE/27/9

Ann.	Sous-classe	Office d'origine	Avis FR	Observations
6	C08J	GB	+	
7	C10B	RU	+	Cette proposition est acceptable et elle doit être étudiée en liaison avec le projet C 391 (dans lequel toutefois la solution proposée ne nous paraît pas appropriée, voir EXEC/XX/9 paragraphe 12c)
8	F16N	PT	+	Nous avons aussi constaté qu'il manquait certains renvois dans la liste figurant après le titre de la sous-classe F 16 N, en particulier vers la sous-classe F 01 M.
9	F23C	SE	+	
10	G01C	GB	+	En voyant le nombre de documents, nous nous demandons si l'amendement proposé (que nous approuvons) ne devrait pas être complété par quelques subdivisions supplémentaires.
11	G01M	RU	+	Il paraît utile en effet de subdiviser le groupe G 01 M 15/00. Il faudra toutefois être attentif au risque de chevauchement entre le groupe 15/039 et les sous-classes G 01 L et G 01 N car la différence entre "surveillance" et "analyse" des gaz est faible.
12	G21B	RU	+	Nous pensons que ce projet doit absolument être mis au programme car il y a de nombreuses demandes concernant la fusion.

[Annex III follows/
L'annexe III suit]

ANNEX III/ANNEXE III

DEUTSCHES PATENTAMT German Patent Office	Revision Requests
	Date : 1.10.1998
DE - Comments	

Re.: WIPO Circular No.C.PCIPI 2309 08.3 of Oct. 17, 1997;
IPC/CE/27/9

+ Improvement x Improvement if modified - No improvement					
Ax.	Subclass/ Group	Request. Office	Cat.	Opinion	Remarks
1	A47B 21/00 G06K 11/00	SE	C	x	In principle we are in favour of the request with the exception of subgroup G06K 11/24. There are only few documents in this special field.
2	A61K 7/06	ES	C	+	Revision is necessary, existing group covers too many documents, existing structure inefficient
3	A61K 7/48	ES	C	+	
4	B01D 15/08	GB	C	+	
5	B30B 11/00	PT	B	+	No objection, adding the reference, " <i>for doughs A21C</i> ", in B30B 11/00. Proposal: This subject could be dealt under item 6 of the Agenda of CE/27 "Checking of references".
6	C08J Title	GB	B	+	This amendment could/should also be dealt under item 6 of CE/27/1, improvement of a reference.
7	C10B 53/00	RU	C	+	
8	F16N Note after title	PT	B	+	We are in favour of adding further references to specific application places concerning "Lubrication" to the list. In our opinion this request could also be dealt under item 6 of CE/27/1 "Checking of references". It seems to be worthwhile to extend the request and to add further references in F16N, since we found more then 200 places in the IPC ⁶ dealing with Lubrication.

Ax.	Subclass/ Group	Request. Office	Cat.	Opinion	Remarks
9	F23C 11/00	SE	C	+	
10	G01C 11/00	GB	C	+	
11	G01M 15/00	RU	C	+	
12	G21B 1/00	RU	B	+	

[Annex IV follows/
L'annexe IV suit]

ANNEX IV/ANNEXE IV

JP COMMENTS

Date 30.09.98

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

**CE/27/9 ANNEX1
A47B,G06K (-)**

1. A reference to G06K 11/00 in A47B 21/00

We think that a reference to be inserted in A47B 21/00 should be G06F 3/00 instead of G06K 11/00.

There already exists such reference in G06K 11/00 as “adapted as input device to computers G06F 3/00”. And G06K 11/00 is a group related to “methods or arrangements for graph-reading or for converting the pattern of mechanical parameters into electrical signals”. Thus, G06K 11/00 covers methods or arrangement for specific use and it is not proper to interpret this group as a place to cover a mouse in general. Therefore, a reference to be inserted in A47B 21/00 should be “mouse-mats or mouse platforms per se G06F 3/00”, not G06K 11/00.

2. Creation of G06K 11/22 and G06K 11/24

We are not in favor of the creation of G06K 11/22 and 11/24.

A mouse is exactly “a movable member co-operating with a display device” as set forth in G06F 3/033. It should be covered here and no creation of new subgroups is necessary.

Mouse-mats or mouse platforms are used together with a mouse, and it should be covered in a hierarchically lower subgroup under G06F 3/033 instead of creating 11/22 and 11/24.

**CE/27/9 ANNEX6
G08J (+)**

We agree with the proposal. The proposed wording of the reference could express the relation and difference between C08J and B29 more properly than the current wording “mechanical aspects”

CE/27/9 ANNEX8
F16N (x)

We generally agree with the proposal.

F01M 3/00 covers those engines with crankcase compression of fuel, and the proposed wording “Lubricating specially adapted for *crankcase engines*” has too narrow scope to cover ordinary “crankcase engines”.

We think that “crankcase engines” usually are reciprocating engines with ordinary crankshafts.

We propose, therefore, the following wordings

F01M 1/00~13/06 Lubricating adapted for internal combustion engines

(F01M 3/00: Lubricating adapted for crankcase compression engines)

[Annex V follows/
L’annexe V suit]

ANNEX V/ANNEXE V

Swedish Patent and Registration Office

Requests for revision of the IPC
October 2nd, 1998

COMMENTS on IPC/CE/27/9

We are in favour of adopting the revision proposals of annexes 1 to 12. We have the following comments:

- Annexes 2 and 3:** In view of the very big file sizes, we could imagine inviting proposals for more elaborate subdivisions.
- Annex 5:** We note that this would be an entirely informative reference, since the borderline between A21C and B30B is defined by Note after the B30B subclass title.
- Annex 11:** We have noted the detailed proposal dated 98-4-27.

Anders Bruun

[Annex VI follows/
L'annexe VI suit]

ANNEX VI/ANNEXE VI



EUROPEAN PATENT OFFICE
Principal Directorate Documentation

Comments on IPC/CE/27/9
30 September 1998

In general, we welcome the 12 revision requests presented in IPC/CE/27/9 and support their inclusion into the IPC revision program. However, we would like to make the following remarks:

Annex 4 We can agree in general lines with the scheme proposed. Attention however will have to be given to the relationship between the proposed new groups and other IPC entries, such as G 01 N 30/48.

Annex 7 We welcome RU's initiative for creating subgroups relating to the use of waste materials in the field of destructive distillation (C10B53/00). However, it should be kept in mind that project C391 also relates to this main group. Therefore it might be wise to combine this request with the said project C391.

J. Rampelmann

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