

**IPC REVISION PROJECTS/  
PROJETS DE RÉVISION DE LA CIB**

**MECHANICAL FIELD/  
DOMAINE DE LA MÉCANIQUE**





IPC/C 371/96  
ORIGINAL: English/French  
DATE: May 20, 2003

**WORLD INTELLECTUAL PROPERTY ORGANIZATION**  
**ORGANISATION MONDIALE DE LA PROPRIÉTÉ INTELLECTUELLE**  
GENEVA/GENÈVE

**COMMITTEE OF EXPERTS OF THE IPC UNION**  
**COMITÉ D'EXPERTS DE L'UNION DE L'IPC**

**IPC REVISION PROJECT FILE/DOSSIER DE PROJET DE RÉVISION DE LA CIB**

<b>PROPOSAL BY:</b> <b>PROPOSITION DE :</b>	<b>REVISION OF IPC AREA:</b> <b>RÉVISION DU DOMAINE DE LA CIB :</b>
SE	F 23 B
<b>KIND OF REVISION:</b> <b>TYPE DE RÉVISION :</b>	<b>Creation of a subgroup</b> <b>Création d'un sous-groupe</b>

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>	<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
1	Revision request with detailed proposal / Demande de révision avec proposition détaillée	SE	30.01.96
2	Comments (re Annex 1) / Observations (réf. annexe 1)	GB	01.08.96
3	Comments (re Annex 1) / Observations (réf. annexe 1)	RO	10.96
4	Comments (re Annex 1) / Observations (réf. annexe 1)	DE	15.10.96
5	Comments (re Annex 1) / Observations (réf. annexe 1)	CA	18.10.96
6	Comments with counter-proposal (re Annex 1) / Observations avec contre-proposition (réf. annexe 1)	EP	05.11.96
7	Comments (re Annex 1) / Observations (réf. annexe 1)	FR	11.96
8	Comments (re Annex 6) / Observations (réf. annexe 6)	SE	13.02.97
9	Rapporteur report / Rapport du rapporteur	SE	24.03.97
10	Comments / Observations	JP	30.05.97
11	Rapporteur report / Rapport du rapporteur	SE	05.99
12	Rapporteur proposal / Proposition du rapporteur	SE	05.99
13	Comments / Observations	SE	07.99
14	Decision of the Working Group / Décision du groupe de travail	WG	07.99

**RAPPORTEUR : SE TECHNICAL FIELD/DOMAINE TECHNIQUE : M**

ANNEX/ ANNEXE	CONTENT/CONTENU	ORIGIN/ ORIGINE	DATE
15	Comments / Observations	EP	10.99
16	Comments / Observations	CA	10.99
17	Comments / Observations	RO	10.99
18	Comments / Observations	FR	11.99
19	Rapporteur report / Rapport du rapporteur	SE	11.99
20	Comments / Observations	JP	12.99
21	Decision of the Working Group / Décision du groupe de travail	WG	12.99
22	Proposal / Proposition	SE	03.00
23	Comments / Observations	EP	03.00
24	Comments / Observations	JP	03.00
25	Comments / Observations	RO	03.00
26	Rapporteur report / Rapport du rapporteur	SE	05.00
27	Decision of the Working Group / Décision du groupe de travail	WG	01.01
28	Rapporteur report / Rapport du rapporteur	SE	05.01
29	Decision of the Working Group / Décision du groupe de travail	WG	08.01
30	Comments / Observations	JP	10.01
31	Comments / Observations	EP	10.01
32	Comments / Observations	RO	10.01
33	Comments / Observations	SE	10.01
34	French version of approved amendments / Version française des modifications approuvées	FR	11.01
35	Rapporteur report / Rapport du rapporteur	SE	11.01
36	Decision of the Working Group / Décision du groupe de travail	WG	01.02
37	Proposal / Proposition	SE	01.02
38	Comments / Observations	JP	04.02
39	Comments / Observations	RO	04.02
40	Comments / Observations	FR	04.02
41	Comments / Observations	EP	04.02
42	Rapporteur report / Rapport du rapporteur	SE	05.02
43	Rapporteur proposal / Proposition du rapporteur	SE	05.02

ANNEX/ ANNEXE	CONTENT/CONTENU		ORIGIN/ ORIGINE	DATE
44	French version of approved amendments	/ Version française des modifications approuvées	FR	05.02
45	Decision of the Working Group	/ Décision du groupe de travail	WG	07.02
46	Comments	/ Observations	JP	09.02
47	Comments	/ Observations	GB	09.02
48	Comments	/ Observations	FR	09.02
49	Comments	/ Observations	RO	09.02
50	Comments	/ Observations	CA	10.02
51	French version of approved amendments	/ Version française des modifications approuvées	FR	11.02
52	Comments	/ Observations	ES	11.02
53	Rapporteur report	/ Rapport du rapporteur	SE	11.02
54	Rapporteur proposal	/ Proposition du rapporteur	SE	05.03
55	Decision of the Working Group	/ Décision du groupe de travail	WG	05.03
56	French version of approved amendments	/ Version française des modifications approuvées	FR	05.03



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# Swedish Patent and Registration Office

IPC Revision Project C 371, subclass F23B

January 16th, 2003

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## RAPPORTEUR'S PROPOSAL

At WG/8 it was realised that although indexing had been introduced for the revised subclass F23B, it had been overlooked to introduce a corresponding note. Rapporteur informally promised to submit a proposal for such a note. **Rapporteur would like to invite offices to consider the following notes for adoption at WG/9:**

### F23B

- N Note (4) In this subclass, it is desirable to add the indexing codes of groups after the title 101/00 to 103/02.*
- N Note (4) Dans la présente sous-classe, il est souhaitable d'ajouter les codes après le titre d'indexation des groupes 101/00 à 103/02.*

In the current edition of the IPC a standard note has been added at each indexing scheme, drawing attention to chapter IV of the Guide. Rapporteur can not find such a note in any of the Technical Annexes. If such a note is desirable in the next edition, it should also be introduced before group 101/00.

At WG/8 a new main group was added, with a number that corresponded to the previously adopted residual main group. A new residual main group, with number 99/00 was added. Some minor adjustments of the transfer notes were made as a consequence. Upon reconsideration, rapporteur thinks these adjustments were inadequate and that several more transfer notes should point to 99/00. **Rapporteur would like to invite offices to consider the following modified set of transfer notes for adoption at WG/9** (groups in italics are modified in relation to earlier adoptions):

### F23B

- D 1/00 (transferred to 10/00, 14/00 - 99/00)*
- D 1/02 (transferred to 14/00 - 99/00)*
- D 1/04 (transferred to 14/00 - 99/00)*
- D 1/06 (transferred to 14/00 - 99/00)*
- D 1/08 (transferred to 14/00 - 99/00)*
- D 1/10 (transferred to 14/00 - 99/00)*
- D 1/12 (transferred to 10/00)*
- D 1/14 (transferred to 10/00, 14/00 - 99/00)*
- D 1/16 (transferred to 14/00, 14/02, 14/06, 14/10 - 20/02)*

- D 1/18 (transferred to 14/00, 14/02, 14/06 - 14/10, 18/00 - 18/06)
- D 1/20 (transferred to 14/00, 14/02, 14/06 - 14/10, 18/00 - 18/06)
- D 1/22 (transferred to 14/08)
- D 1/24 (transferred to 14/00 - 14/04)
- D 1/26 (transferred to 10/00, 14/00 - 18/04, 18/08 - 20/00)
- D 1/28 (transferred to 18/00 - 18/12)
- D 1/30 (transferred to 14/00 - 20/02, 24/00 - 24/04)
- D 1/32 (transferred to 14/00 - 14/04)
- D 1/34 (transferred to 10/00, 14/00 - 18/10, 24/00 - 99/00)*
- D 1/36 (transferred to 18/00 - 18/12)
- D 1/38 (transferred to 10/00, 14/00 - 99/00)*
- D 3/00 (transferred to 12/00)
- D 5/00 (transferred to 10/00, 14/00 - 99/00)*
- D 5/02 (transferred to 14/00 - 18/12, 22/00)
- D 5/04 (transferred to 10/00, 14/00 - 99/00)*
- D 7/00 (transferred to 10/00, 14/00 - 20/02, 24/00 - 99/00)*

**Rapporteur suggests that offices comment on these proposals before April 4th. If comments are received, a rapporteur report will be submitted before May 5th.**

Anders Bruun



EXCERPT FROM DOCUMENT IPC/WG/8/8/  
EXTRAIT DU DOCUMENT IPC/WG/8/8

Project C 371 (mechanical) – The Working Group agreed to introduce the first place priority rule in subclass F 23 B (see Annex 1E to this report). It was also agreed to keep precedence references within the subclass as an additional help to the users, although they were unnecessary in view of that rule. It was decided to draw the attention of the IPC Committee of Experts to this matter.

The Working Group approved the drawings provided by Sweden for illustrating the contents of the subclass. It was noted that the International Bureau would work out a technical solution for presenting, in the electronic layer of the IPC, chemical formulae and drawings with an explanatory text, taking into account the need to display the text in different languages, and would report on this matter at the ninth session of the Working Group with a demonstration of a prototype. It was furthermore agreed that drawings should be submitted in a format permitting their editing and that the International Bureau should decide on the exact format to be used.

Projet C 371 (mécanique) – Le groupe de travail a décidé d'introduire la règle de priorité de la première place dans la sous-classe F23B (voir l'annexe 1E du présent rapport). Il a été convenu de conserver les renvois de priorité dans la sous-classe à titre d'aide supplémentaire à l'intention des utilisateurs, bien qu'ils soient inutiles compte tenu de cette règle. Il a été décidé d'appeler l'attention du Comité d'experts de l'Union de l'IPC sur cette question.

Le groupe de travail a approuvé les dessins communiqués par la Suède pour illustrer le contenu de la sous-classe. Il a été noté que le Bureau international élaborera une solution technique pour présenter, dans la couche électronique de la CIB, des formules chimiques et des dessins assortis d'un texte explicatif, compte tenu de la nécessité d'afficher le texte en différentes langues, et qu'il rendra compte de cette question à la neuvième session du groupe de travail, avec la démonstration d'un prototype. Il a en outre été convenu que les dessins devront être remis dans un format permettant leur édition, et que le Bureau international devra déterminer le format exact à utiliser.

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**ANNEX 1E F 23 B [Project-Rapporteur : 371/SE] <SC08019E>**

**Title**

**METHODS OR APPARATUS FOR COMBUSTION USING ONLY SOLID FUEL** (for combustion of fuels that are solid at room temperatures, but burned in melted form, e.g. candle wax, [C 11 C](#), [F 23 C, D](#); using solid fuel suspended in air [F 23 C, F 23 D 1/00](#); using solid fuel suspended in liquids [F 23 C, F 23 D 11/00](#); using solid fuel and fluent fuel simultanenously or alternately [F 23 C, F 23 D 17/00](#))



- D 1/30 (transféré en 14/00 - 20/02, 24/00 - 24/04)*
- D 1/32 (transféré en 14/00 - 14/04)*
- D 1/34 (transféré en 10/00, 14/00 - 18/10, 24/00 - 26/00)*
- D 1/36 (transféré en 18/00 - 18/12)*
- D 1/38 (transféré en 10/00, 14/00 - 26/00)*
- D 3/00 (transféré en 12/00)*
- D 5/00 (transféré en 10/00, 14/00 - 26/00)*
- D 5/02 (transféré en 14/00 - 18/12, 22/00)*
- D 5/04 (transféré en 10/00, 14/00 - 26/00)*
- D 7/00 (transféré en 10/00, 14/00 - 20/02, 24/00 - 26/00, 99/00)*

**Projet IPC / C 371**  
**Sous-classe F 23 B**

**PROPOSITION DE VERSION FRANÇAISE**

(ref : annexe 1E du document IPC/WG/8/8)

**F 23 B**

	Note(s) après le titre	<supprimer l'ancienne note >	
N	(1)	<i>La présente sous-classe <u>couvre</u> uniquement la combustion dans laquelle la majeure partie du combustible est pratiquement immobile ou transportée mécaniquement pendant la combustion, par opposition à une combustion où le combustible est transporté pneumatiquement ou flotte dans l'air pendant la combustion.</i>	
N	(2)	<i>Dans la présente sous-classe, la règle de la priorité à la première place s'applique, c. à d. qu'à chaque niveau hiérarchique, le classement s'effectue à la première place appropriée.</i>	
N	(3)	<i>Dans la présente sous-classe les procédés sont classés dans les groupes qui couvrent les appareils utilisés. Les procédés qui ne sont pas liés à un type particulier d'appareil sont classés dans le groupe 26/00.</i>	R
N	26/00	<i>Procédés de combustion non liés à un type particulier d'appareil</i>	R
N	99/00	<i>Matière non prévue dans les autres groupes de la présente sous-classe</i>	



IPC/C 386/97

ORIGINAL: English/French

DATE: May 14, 2003

**WORLD INTELLECTUAL PROPERTY ORGANIZATION**  
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GENEVA/GENÈVE

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**COMITÉ D'EXPERTS DE L'UNION DE L'IPC**

**IPC REVISION PROJECT FILE/DOSSIER DE PROJET DE RÉVISION DE LA CIB**

<b>PROPOSAL BY:</b> US, AP <b>PROPOSITION DE :</b>	<b>REVISION OF IPC AREA:</b> A 61 G, A 61 H <b>RÉVISION DU DOMAINE DE LA CIB :</b>
<b>KIND OF REVISION:</b> Clarification of wordings <b>TYPE DE RÉVISION :</b> Clarification de libellés	

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>	<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
1	Revision request with detailed proposal / Demande de révision avec proposition détaillée	US	29.01.97
2	Revision request with detailed proposal / Demande de révision avec proposition détaillée	AP	26.02.97
3	Comments / Observations	US	07.98
4	Comments / Observations	SE	07.98
5	Comments / Observations	EP	07.98
6	Comments / Observations	CA	07.98
7	Comments / Observations	FR	07.98
8	Comments / Observations	GB	07.98
9	Comments / Observations	DE	02.99
10	Rapporteur report / Rapport du rapporteur	US	02.99
11	Decision of the Working Group / Décision du groupe de travail	WG	01.01
12	Comments / Observations	EP	04.01
13	Comments / Observations	RO	04.01
14	Comments / Observations	SE	05.01

**RAPPORTEUR : US**

**TECHNICAL FIELD/DOMAINE TECHNIQUE :**

**M**

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>	<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
15	Comments / Observations	US	05.01
16	Rapporteur report / Rapport du rapporteur	US	05.01
17	Comments / Observations	DE	05.01
18	Decision of the Working Group / Décision du groupe de travail	WG	08.01
19	Comments / Observations	CA	10.01
20	Comments / Observations	JP	10.01
21	Comments / Observations	EP	10.01
22	Comments / Observations	RO	10.01
23	Comments / Observations	SE	10.01
24	Comments / Observations	GB	10.01
25	Comments / Observations	DE	10.01
26	Rapporteur report / Rapport du rapporteur	US	11.01
27	Decision of the Working Group / Décision du groupe de travail	WG	01.02
28	French version of approved amendments / Version française des modifications approuvées	FR	04.02
29	Decision of the Working Group / Décision du groupe de travail	WG	07.02
30	Decision of the Working Group / Décision du groupe de travail	WG	05.03

EXCERPT FROM DOCUMENT IPC/CE/32/12/  
EXTRAIT DU DOCUMENT IPC/CE/32/12

11. When considering the amendments proposed under Project C 386, the Committee noted that there were discrepancies between the English and the French versions of group A61G 7/00 and some of its subgroups, where the term “disabled persons” was translated into French as “les malades ou les personnes handicapées.” The IPC Revision Working Group was requested to clarify, within the scope of Definition Project D 029, whether in this subclass the term “disabled persons” includes also “patients.”

11. Lors de l'examen des modifications proposées dans le cadre du projet C386, le comité a relevé des divergences entre la version anglaise et la version française du groupe A61G 7/00 et de certains de ses sous-groupes, notamment en ce qui concerne l'expression “disabled persons” qui a été traduite en français par “les personnes handicapées ou les malades”. Le Groupe de travail sur la révision de la CIB a été prié de préciser, dans le cadre du projet de définition D 029, si l'expression “disabled persons” comprend aussi les “malades” dans cette sous-classe.

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ANNEX	2	A 61 F	[Project-Rapporteur : 386/US]	<CE32030E>
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4/00

**Methods or devices enabling disabled persons to operate ---**

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ANNEX	3	A 61 G	[Project-Rapporteur : 386/US]	<CE32028E>
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**Title**

**TRANSPORT, PERSONAL CONVEYANCES, OR  
ACCOMMODATION SPECIALLY ADAPTED FOR DISABLED  
PERSONS OR PATIENTS; OPERATING --- walking aids  
A 61 H 3/00; inclined lifts associated with stairways for transporting  
disabled persons or wheelchairs B 66 B 9/08)**

Subclass  
index

MEANS FOR DISPLACING DISABLED  
PERSONS OR PATIENTS

1/00 to 7/00

BEDS; TREATMENT ROOMS; ==>

*D Guide  
Heading  
before 1/00  
1/003*

<Deleted>

- with facilities for picking up disabled persons or patients, e.g. break-away --- endless belts (devices in general for lifting disabled persons 7/10)

<b>3/00</b>	<b>--- provisions for transporting disabled persons or their personal conveyances, e.g. for ---</b>
3/02	<ul style="list-style-type: none"> <li>• Loading or unloading personal conveyances; Facilitating access of disabled persons to, or exit of disabled persons from, vehicles</li> </ul>
3/04	<ul style="list-style-type: none"> <li>• • Transfer of seated disabled persons by swinging ---</li> </ul>
<b>5/00</b>	<b>Chairs or personal conveyances specially adapted for disabled persons, e.g. wheelchairs</b> (chairs with toilet conveniences <a href="#">A 47 K 11/04</a> ; devices enabling disabled persons to operate an apparatus or device not forming part of the body <a href="#">A 61 F 4/00</a> ; running gear or propulsion features <a href="#">B 60 K</a> ; bicycles specially adapted for disabled riders <a href="#">B 62 K 3/16</a> )
Note(s) after 5/00	Chairs for disabled persons having removable --- with the disabled person to a vehicle and support the disabled person during use ---
5/02	<ul style="list-style-type: none"> <li>• propelled by the disabled person</li> </ul>
<b>Guide Heading after 5/14</b>	<b><u>Beds or accessories for disabled persons; Treatment rooms ---</u></b>
<b>7/00</b>	<b>--- for nursing; Devices for lifting disabled persons</b> ( <a href="#">A 61 F 5/045</a> takes precedence; stretchers with facilities for picking up disabled persons <a href="#">1/003</a> )
7/08	<ul style="list-style-type: none"> <li>• Apparatus for transporting beds</li> </ul>
7/10	<ul style="list-style-type: none"> <li>• Devices for lifting disabled persons, e.g. special ---</li> </ul>
7/12	<ul style="list-style-type: none"> <li>• • for hoisting the disabled person under the ---</li> </ul>
7/14	<ul style="list-style-type: none"> <li>• • facilitating both lifting and lateral movement of the disabled person</li> </ul>
7/16	<Unchanged>

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ANNEX	4	A 61 H	[Project-Rapporteur : 386/US]	<CE32029E>
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<b>Title</b>	<b>--- devices enabling disabled persons to operate ---</b>
<b>3/00</b>	<b>Appliances for aiding disabled persons to walk about ---</b>
3/04	<ul style="list-style-type: none"> <li>• Wheeled walking aids for disabled persons</li> </ul>

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ANNEXE	2	A 61 F	[Projet-Rapporteur : 386/US]	<CE32049F>
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<b>4/00</b>	<b>Procédés ou dispositifs permettant à des personnes handicapées de commander ---</b>
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Titre

**MOYENS DE TRANSPORT, MOYENS DE TRANSPORT PERSONNELS OU AMÉNAGEMENTS, SPÉCIALEMENT ADAPTÉS POUR LES PERSONNES HANDICAPÉES OU LES MALADES; TABLES** --- à marcher [A 61 H 3/00](#); ascenseurs inclinés combinés à des escaliers pour transporter des personnes handicapées ou des fauteuils roulants [B 66 B 9/08](#))

Schéma général

MOYENS DE DÉPLACEMENT DES PERSONNES HANDICAPÉES OU DES MALADES

[1/00](#) à [7/00](#)

LITS; LOCAUX DE TRAITEMENT; ÉQUIPEMENTS POUR DONNER ---

ÉLEVEUSES OU COUVEUSES ==>

D Rubrique-  
guide avant  
1/00

<Supprimé (e) >

1/003

- avec des dispositions pour charger une personne handicapée ou un malade, p.ex. dont --- les malades ou les personnes handicapées en général [7/10](#))

3/00

--- **particulières pour transporter les personnes handicapées ou leurs moyens de transport personnels, p.ex. pour** ---

3/02

- Chargement ou déchargement des moyens de transport personnels; Moyens pour faciliter l'accès des personnes handicapées aux véhicules ---

3/04

- • Transfert des personnes handicapées assises par pivotement --  
-

5/00

**Fauteuils ou moyens de transport personnels spécialement adaptés pour des personnes handicapées, p.ex. fauteuils roulants** (chaises avec installations de toilette [A 47 K 11/04](#); dispositifs permettant à des personnes handicapées de commander un appareil ou un dispositif ne faisant pas partie du corps [A 61 F 4/00](#); caractéristiques du --- la propulsion [B 60 K](#); bicyclettes spécialement adaptées pour des conducteurs handicapés [B 62 K 3/16](#))

Note(s)  
après 5/00

Les fauteuils pour personnes handicapées comportant un --- transféré avec la personne handicapée dans le véhicule et pour supporter cette personne pendant l'utilisation du véhicule sont classés dans le groupe [3/00](#).

5/02

- propulsés par la personne handicapée

Rubrique-  
guide  
après 5/14

**Lits ou accessoires pour malades ou pour personnes handicapées; Locaux de traitement à usage médical; Équipements pour donner des ---**

- 7/00** --- **les malades ou les personnes handicapées** ([A 61 F 5/045](#) a priorité; brancards avec des dispositions pour charger une personne handicapée ou un malade [1/003](#))
- 7/08
- 7/10
- 7/12
- 7/14
- 7/16
- --- des lits
  - Dispositifs pour soulever les malades ou les personnes handicapées, p.ex. adaptations ---
    - • pour soulever le malade ou la personne handicapée sous les ---  
---
  - • --- déplacement latéral du malade ou de la personne handicapée
  - • transformant en chaise une surface servant à étendre un malade (fauteuils-lits [A 47 C 17/04](#))

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ANNEXE 4

A 61 H [Projet-Rapporteur : 386/US]

<CE32051F>

- Titre** --- **dispositifs permettant à des personnes handicapées de commander** ---
- 3/00** **Appareils pour aider des personnes handicapées à marcher**  
(appareils ---)
- 3/04
- --- aider les personnes handicapées à marcher



IPC/C 393/97  
ORIGINAL: English/French  
DATE: May 23, 2003

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<b>PROPOSAL BY:</b> <b>PROPOSITION DE :</b>	<b>NO</b>	<b>REVISION OF IPC AREA:</b> <b>RÉVISION DU DOMAINE DE LA CIB :</b>	<b>E 21 B</b>
<b>KIND OF REVISION:</b> <b>TYPE DE RÉVISION :</b>	<b>Creation of subgroups</b> <b>Création de sous-groupes</b>		

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>		<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
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13	Proposal	/ Proposition	EP	05.03
14	Comments	/ Observations	GB	05.03
15	Comments	/ Observations	DE	05.03

**RAPPORTEUR : NO      TECHNICAL FIELD/DOMAINE TECHNIQUE : M**



**Trilateral Classification Harmonization - Projects suspended at IPC/WG  
 Project T015 (C-393) Subclass: E21B**

This proposal is submitted on behalf of the Trilateral Offices

C	10/00	Drill bits (specially adapted for deflecting the direction of boring 7/08; with means for collecting substances 27/00)
C	10/18	. . . characterised by conduits or nozzles for drilling fluids (drilling fluid supply to the bearings 10/23)
C	10/22	. . . characterised by bearing, lubrication or sealing details
N	10/23	. . . with drilling fluid supply to the bearings
C	10/24	. . . by lubricating details (10/23 takes precedence)
N	10/25	. . . by sealing details
C	10/42	. Rotary drag type drill bits with teeth, blades or the like cutters (augers with teeth 10/44; characterised by wear resisting parts 10/46, by conduits or nozzles for drilling fluid 10/60; by detachable parts 10/62)
N	10/43	. . . characterised by teeth or other cutter arrangements
C	10/54	. . . the bit being of the rotary drag type, e.g. fork type drill bits
N	10/545	. . . with preformed cutting elements (inserts per se 10/56, 10/58)
N	10/565	. . . with preformed cutting elements mounted on a distinct support, e.g. polycrystalline inserts
N	10/567	. . . characterised by support details, e.g. the substrate construction or the interface between the substrate and the cutting element
N	10/605	. . . characterised by nozzle structure
C	10/62	. characterised by parts or cutting elements which are detachable or adjustable (10/64 takes precedence; for roller bits 10/20; for auger1 10/44)
N	10/625	. . . with plural separable cutter elements
N	10/627	. . . independently attachable
C	27/00	Containers for collecting or depositing substances in boreholes or wells, e.g. bailers or valve drill bits for collecting mud or sand

- C 27/02 . Dump bailers, i.e. for depositing substances, e.g. cement or acids
- N 27/04 . Collecting means including helical conveying means
- D 31/08 . (transferred to 27/00)

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**UK Patent Office****Date: 6 May 2003**

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**Comments on Project C393 , Subclass E21B**

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Comments were invited on Revision projects.

The latest proposal in Annex 13, from EP on behalf of the Trilateral Offices, is largely based on ECLA and is generally in the right sort of shape; however our expert has comments on some of the details of the proposal. We will take each of the groups in alphanumerical order as they appear in the proposal.

**E21B (10/24, 10/25)** We prefer *Acharacterised by lubricating/sealing details@*

**E21B 10/42** The current title of 10/42 specifically mentions fish-tail bits, but the proposal does not. It seems a retrograde step, and a little unhelpful, to omit mentioning these bits since it will then become less clear where to classify this subject matter. (This change seems to have been done following comments from CA). We admit that there are only 5 documents on WPI that mention fish-tail bits, but the latest one was a JP document published in late 1998 so we are not talking about out-of-date technology. We would like a mention of fish-tail bits to be reinstated in the title of 10/42.

**E21B (10/42, 10/54)** There appears to be an error in the proposal, and a related error in the current IPC7 and ECLA. In IPC7 and ECLA, the title of 10/42 reads *A Fork-type rotary drill bits - -@*, while 10/54 reads *A . the bit being of fork type@*. Similarly in the proposal, 10/42 reads *A. Rotary drag-type drill bits - - A* and 10/54 reads *A . . the bit being of rotary drag type@*. In other words 10/54, which is a subgroup of 10/42, appears to have exactly the same scope, and it is unclear which documents should go into one of these groups and which into the other.

**E21B 10/62** There is a mistake in the third line of the proposal; *Aauger1"* should read *Aaugers@*.

**E21B 27/00** The problem we have here is similar to that in 10/42 above. It is proposed to delete E21B 31/08 and transfer this subject matter to 27/00. However the title of the deleted group 31/08 specifically refers to *Ajunk baskets@* while the proposed title of 27/00 does not. It will therefore become unclear where to classify the documents (only 12 currently) which are directed to that art. The latest document in this area was published in 2001, and is clearly not out-of-date technology; the term appears in our expert-s handbook on drilling technology and is therefore a correct term which ought to continue appearing in the IPC.

<b>DEUTSCHES PATENT- UND MARKENAMT</b> German Patent and Trade Mark Office	Class/Subcl.: E 21 B
	Date : May 21, 2003
<b>DE - Comments — C 393</b>	

We refer to the counter-proposal submitted by the Trilateral Offices (see Ann.13) commenting as follows.

We approve of this proposal with respect to its introduced new or altered groups. As to 10/54 we understand that it is a subgroup of 10/46 and therefore is correct, see contrary GB-comment (Ann.14).

Our expert in this field, however, wants to keep 31/08 under the scope of "Fishing for or freeing objects in boreholes or wells"(see 31/00). Otherwise these features would get lost in 27/00.  
eod





IPC/C 394/97

ORIGINAL: English/French

DATE: May 16, 2003

**WORLD INTELLECTUAL PROPERTY ORGANIZATION**  
**ORGANISATION MONDIALE DE LA PROPRIÉTÉ INTELLECTUELLE**  
GENEVA/GENÈVE

**COMMITTEE OF EXPERTS OF THE IPC UNION**  
**COMITÉ D'EXPERTS DE L'UNION DE L'IPC**

**IPC REVISION PROJECT FILE/DOSSIER DE PROJET DE RÉVISION DE LA CIB**

<b>PROPOSAL BY:</b> RU <b>PROPOSITION DE :</b>	<b>REVISION OF IPC AREA:</b> F 04 D <b>RÉVISION DU DOMAINE DE LA CIB :</b>
<b>KIND OF REVISION:</b> Creation of subgroups <b>TYPE DE RÉVISION :</b> Création de sous-groupes	

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>	<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
1	Revision request with detailed proposal / Demande de révision avec proposition détaillée	RU	
2	Comments / Observations	EP	07.98
3	Comments / Observations	DE	02.99
4	Rapporteur report / Rapport du rapporteur	RU	02.99
5	Rapporteur proposal / Proposition du rapporteur	RU	02.99
6	Comments / Observations	DE	05.99
7	Proposal / Proposition	EP	10.99
8	Rapporteur report / Rapport du rapporteur	RU	12.99
9	Rapporteur proposal / Proposition du rapporteur	RU	12.99
10	Comments / Observations	JP	12.99
11	Decision of the Working Group / Décision du groupe de travail	WG	12.99
12	Comments / Observations	EP	03.00
13	Comments / Observations	CA	03.00
14	Comments / Observations	DE	03.00
15	Rapporteur report / Rapport du rapporteur	RU	04.00

RAPPORTEUR : RU

TECHNICAL FIELD/DOMAINE TECHNIQUE :

M

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>	<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
16	Rapporteur proposal / Proposition du rapporteur	RU	04.00
17	Decision of the Working Group / Décision du groupe de travail	WG	06.00
18	Comments / Observations	EP	09.00
19	Comments / Observations	RO	09.00
20	Comments / Observations	DE	10/00
21	Rapporteur report / Rapport du rapporteur	RU	10/00
22	Proposal / Proposition	EP	05.03
23	Comments / Observations	DE	05.03
24	Rapporteur report / Rapport du rapporteur	RU	05.03
25	Rapporteur proposal / Proposition du rapporteur	RU	05.03
26	Comments / Observations	GB	05.03
27	Comments / Observations	RO	05.03
28	Rapporteur report / Rapport du rapporteur	RU	05.03
29	Rapporteur proposal / Proposition du rapporteur	RU	05.03

## Trilateral Classification Harmonization - Projects suspended at IPC/WG Project T016 (C394)                      Subclass F04D

This proposal is submitted on behalf of the Trilateral Offices

- C 29/04                      . Shafts or bearings specially adapted for elastic fluid pumps only
- N 29/041                    . . Axial thrust balancing
- N 29/043                    . . Axially shiftable rotors (29/041 takes precedence)
- N 29/045                    . . Joining shafts together
- N 29/047                    . . Bearings
- N 29/0471                  . . . hydrostatic or hydrodynamic
- N 29/0473                  . . . magnetic or electromagnetic
- N 29/0475                  . . . Roller bearings
- N 29/05                     . Shaft or bearings (specially adapted for elastic fluid pumps 29/04)
- N 29/051                    . . Axial thrust balancing
- N 29/053                    . . Axially shiftable rotors (29/051 takes precedence)
- N 29/055                    . . Joining shafts together
- N 29/057                    . . Bearings
- N 29/0571                  . . . hydrostatic or hydrodynamic
- N 29/0573                  . . . magnetic or electromagnetic
- N 29/0575                  . . . Roller bearings
- C 29/06                     . Lubrication
- N 29/063                    . . specially adapted for elastic fluid pumps

<b>Deutsches Patent- und Markenamt</b> German Patent and Trademark Office	Class/Subcl.: <b>F04D</b>
	Date : 16.04.2003
<b>DE - Comments — C 394</b>	

Having compared the proposal of the Trilateral Offices (IPC/C 394/02 ANNEX 1) with the RU Rapporteur Proposal (ANNEX 16) we prefer the Raporteur Proposal. In the former scheme the subgroups relating to shafts or bearings specially adapted for elastic fluid pumps were positioned after the subgroups relating to shafts or bearings in general; accordingly within the subgroup "Lubrication" the subgroup relating to elastic fluid pumps is positioned at the end after "lubrication" in general. This arrangement seems to be more consistent.

We also preferred the subdivision into the subgroups "shafts" and "joining shafts together" which allows a clearer classification.

U. Roediger

**FEDERAL INSTITUTE OF INDUSTRIAL PROPERTY**

<b>RU rapporteur report</b>	
<b>Project : C</b>	<b>Date: 5.05.2003</b>
<b>Subclass : F04D</b>	

**INTRODUCTION**

Comments were invited on the proposal of the Trilateral Offices submitted on the e-forum.

**COMMENTS**

Comments have been received from DE only. DE prefer the classification scheme submitted by Rapporteur (Annex 16 in the project file), where the subgroups relating to shafts or bearings specially adapted for elastic fluid pumps were positioned after the subgroups relating to shafts or bearings in general. DE also prefer the subdivision into the subgroup "shafts" and "joining shafts together".

**RAPPORTEUR'S OPINION**

Rapporteur agrees with the opinion of the Trilateral Offices that scheme of F 04D 29/00 should be constructed taking into account that top to bottom priority will be the general rule. So Rapporteur supports the arrangement of subgroups proposed by the Trilateral Offices.

Concerning the subdivision into the subgroups "shafts" and "joining shafts together" proposed by DE Rapporteur has no objection. The creation of a separate group for shafts seems to be useful since there are enough documents concerned.

Since the majority of offices favor the proposal of the Trilateral Offices (there are no objections), Rapporteur proposes slightly modified scheme for the discussion.

S. Kovaleva

C	29/04	. . Shafts or bearings specially adapted for elastic fluid pumps only
N	29/041	. . Axial thrust balancing
N	29/043	. . Axially shiftable rotors (29/041 takes precedence)
N	29/044	. . <i>Shafts</i>
N	29/045	. . . Joining shafts together
N	29/047	. . Bearings
N	29/0471	. . . hydrostatic or hydrodynamic
N	29/0473	. . . magnetic or electromagnetic
N	29/0475	. . . Roller bearings
N	29/05	. Shafts or bearings (specially adapted for elastic fluid pumps 29/04)
N	29/051	. . Axial thrust balancing
N	29/053	. . Axially shiftable rotors (29/041 takes precedence)
N	29/054	. . <i>Shafts</i>
N	29/055	. . . Joining shafts together
N	29/057	. . Bearings
N	29/0571	. . . hydrostatic or hydrodynamic
N	29/0573	

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**UK Patent Office****Date: 8 May 2003**

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**Comments on Project C394 , Subclass F04D**

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Comments were invited on Revision projects.

This particular project is about subdividing F04D 29/04, which we agree is desirable. There were two competing proposals for effecting this, one from the Rapporteur (the Russian office) at Annex 16, and the other being a more recent counter-proposal by the EPO (Annex 22), on behalf of the Trilateral Offices. A further Rapporteur report has just appeared as Annex 24, with a proposal at Annex 25 closely following the EPO (Annex 22) position.

**GB Opinion**

We note the comments from DE (Annex 23) which supported the Rapporteur proposal of Annex 16. Our expert was in agreement with DE, and for the same reasons as submitted by DE; however since the Rapporteur has moved away from his previous position we cannot easily support that position. While we prefer the proposal of Annex 16, we accept the Rapporteur proposal of Annex 25. *We note that the said Rapporteur proposal, which is defective, is to be re-submitted.*

We are also a little puzzled by the rapporteur-s reasoning, whereby they seem to be introducing a partial scheme according to the Atop-to-bottom priority@ rule (now called Afirst-place priority@) in a subclass governed by the Abest-fit@ rule - but then the Rapporteur does not add a note specifying first-place priority in that part of the subclass. Please correct us if our understanding is incorrect. We do not feel that it is desirable to have parts of a subclass governed by one type of priority rule, with the rest of the subclass governed by another - unless there is a very good reason.

**Minor comment**

We note that there is a slight inconsistency between both the EP and R proposals on the one hand, and ECLA on the other, in that the term Aaxial thrust *balancing@* (29/041) is in the EP and R proposals while the term Aaxial thrust *compensation@* appears in ECLA. Our expert notes that the word Abalancing@ appears to be the more frequently used term in the art, but does not feel that there is much difference. He is happy with both the EP and R proposals in regard to that terminology. Perhaps a change to ECLA may be worth considering?

Martin Price

OFICIUL DE STAT PENTRU

Date: 22.09.00

INVENTII SI MĂRCI

RO COMMENTS

Page: 1 of 1

Project: IPC **C394**Class/Subclass **F04D**

Comments were invited on the Rapporteur's proposal, (Annex 25)

After comparing the proposal submitted by EPO on the behalf of the Tri lateral Offices with the Rapporteur's proposal (Annex 16) we prefer the Rapporteur's proposal.

Regarding the Rapporteur's last proposal (Annex 25) we believe that the proposal is not complete. It seems to be necessary to delete one dot in 29/04, to add at the end of the proposal the wording for the subgroup 29/0573 and the subgroup 29/0575 with the wording.

Taking into account that a part of the subgroup would be constructed in accordance with top to bottom priority rule (first-place priority rule), it seems to be necessary to introduce a note regarding such a rule in F04D29/00. On the other hand, as GB has shown, it is not desirable to have two priority rules without a very good reason.

N. MURARUS



**FEDERAL INSTITUTE OF INDUSTRIAL PROPERTY**

<b>RU Rapporteur Report</b>	
<b>Project : C 394</b>	<b>Date: 14.05.2003</b>
<b>Subclass : F04D</b>	

**INTRODUCTION**

In the previous Rapporteur Report (May 7, 2003) it was recommended to adopt the proposal of the Trilateral Offices with some amendments taking into account the position of the majority of the Offices which had no objections to this proposals. In this scheme the subgroups relating to shafts or bearings specially adapted for elastic fluid pumps are positioned before the subgroups relating to shafts or bearings in general. Only DE prefer the former scheme proposed by Rapporteur (Annex 16) with the other arrangement of subgroups for shafts or bearings.

**COMMENTS**

GB comments have been received later. GB accept the Rapporteur proposal of Annex 25 but think that a note specifying first-place priority should be added. GB also note an inconsistency between expressions "axial thrust balancing" in the wording of new groups and "axial thrust compensation" in ECLA.

**RAPPORTEUR'S OPINION**

In the IPC Reform discussions it was stated that general rule should be introduced where it will cover at least a complete main group. Rapporteur does not propose to introduce "top-to-bottom priority" in this group now since the other subgroups of main group 29/00 have not been rearranged. But Rapporteur supports the proposed arrangement of subgroups in discussed scheme now as such arrangement allows the scheme to work adequately when such rule will be applied.

As to an inconsistency between expressions "axial thrust balancing" and "axial thrust compensation" noted by GB, Rapporteur would prefer to change the expression in ECLA.

Please accept our apologies for the defective document of Annex 25.

Rapporteur proposal is enclosed.

S. Kovaleva

**RU RAPPORTEUR PROPOSAL****Project: C 394 Class/Sub-class: F 04D****Office: RU Date: 14.05.2003****Page 1 of 1**

Type of amendment: C = Change of scope

Translation of:

D = Deletion of the entry

N = Creation of the entry

<b>Type</b>	<b>Place</b>	<b>Wording</b>
C	29/04	. Shafts or bearings specially adapted for elastic fluid pumps only
N	29/041	.. Axial thrust balancing
N	29/043	.. Axially shiftable rotors (29/041 takes precedence)
N	29/044	.. <i>Shafts</i>
N	29/045	... Joining shafts together
N	29/047	.. Bearings
N	29/0471	... hydrostatic or hydrodynamic
N	29/0473	... magnetic or electromagnetic
N	29/0475	... Roller bearings
N	29/05	. Shafts or bearings (specially adapted for elastic fluid pumps 29/04)
N	29/051	.. Axial thrust balancing
N	29/053	.. Axially shiftable rotors (29/051 takes precedence)
N	29/054	.. <i>Shafts</i>
N	29/055	... Joining shafts together
N	29/057	.. Bearings
N	29/0571	... hydrostatic or hydrodynamic
N	29/0573	... magnetic or electromagnetic
N	29/0575	... Roller bearings
C	29/06	. Lubrication
N	29/063	.. specially adapted for elastic fluid pumps

S. Kovaleva



IPC/C 395/97  
ORIGINAL: English/French  
DATE: May 16, 2003

**WORLD INTELLECTUAL PROPERTY ORGANIZATION**  
**ORGANISATION MONDIALE DE LA PROPRIÉTÉ INTELLECTUELLE**  
GENEVA/GENÈVE

**COMMITTEE OF EXPERTS OF THE IPC UNION**  
**COMITÉ D'EXPERTS DE L'UNION DE L'IPC**

**IPC REVISION PROJECT FILE/DOSSIER DE PROJET DE RÉVISION DE LA CIB**

<b>PROPOSAL BY:</b> <b>PROPOSITION DE :</b>	<b>EP</b>	<b>REVISION OF IPC AREA:</b> <b>RÉVISION DU DOMAINE DE LA CIB :</b>	<b>F 16 D</b>
<b>KIND OF REVISION:</b> <b>TYPE DE RÉVISION :</b>	<b>Creation of subgroups</b> <b>Création de sous-groupes</b>		

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>	<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
1	Revision request with detailed proposal / Demande de révision avec proposition détaillée	EP	17.01.97
2	Comments / Observations	SE	07.98
3	Comments / Observations	US	07.98
4	Comments / Observations	FR	07.98
5	Comments / Observations	JP	07.98
6	Comments / Observations	DE	02.99
7	Rapporteur report / Rapport du rapporteur	EP	02.99
8	Comments / Observations	JP	05.99
9	Proposal / Proposition	EP	05.03
10	Comments / Observations	EP	05.03
11	Comments / Observations	JP	05.03
12	Comments / Observations	CA	05.03
13	Comments / Observations	DE	05.03
14	Rapporteur report / Rapport du rapporteur	EP	05.03

**RAPPORTEUR: EP**

**TECHNICAL FIELD/DOMAINE TECHNIQUE:**

**M**




**Trilateral Classification Harmonization - Projects suspended at IPC/WG  
 Project T017/C395 Subclass F16D**

This proposal is submitted on behalf of the Trilateral Offices

- N 1/091 . . . . and comprising a chamber including a tapered piston moved axially by fluid pressure to effect clamping
- N 1/092 . . . . the pair of conical mating surfaces being provided on the coupled hub and shaft
- N 1/093 . . . . using one or more elastic or segmented conical rings forming at least one of the conical surfaces, the rings being expanded or contracted to effect clamping (1/091 takes precedence)
- N 1/094 . . . . . using a plurality of elastic or segmented rings with mutually mating conical surfaces, the rings being expanded and contracted
- N 1/095 . . . . . the elastic or segmented rings being contracted to effect clamping (1/094 takes precedence)
- N 1/096 . . . . . and located between a shaft and a hub
- N 1/097 . . . . . the elastic or segmented rings being expanded to effect clamping (1/094 takes precedence)
- N 1/098 . . . . . and located between a shaft and a hub
- N 1/099 . . . . . and located between a shaft and a hub (1/096, 1/098 takes precedence)

**Project: C 395 (T017) Subclass: F16D**

We proposed in November 2002 a provisionally adopted scheme. This scheme was tested by classifying roughly 10% of the documents. After this testing our examiners would like to emphasize the difference between groups 1/095 and 1/097. It should be very clear that the first group deals only with a ring or rings which are contracted against a rigid counterpart and that the second group deals only with a ring or rings which are expanded against a rigid counterpart. We therefore propose slightly modified wording by adding "only" to the group titles.

- N 1/095           \$ \$ \$ \$ \$ the elastic or segmented rings being contracted only to effect clamping (1/094 takes precedence)
- N 1/097           \$ \$ \$ \$ \$ the elastic or segmented rings being expanded only to effect clamping (1/094 takes precedence)

H. Mende

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Japan Patent Office

April 11 , 2003

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Project: C395

Subclass: F16D

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**JP Comments on EP Comments Dated April 4, 2003**

JP fully supports the EP proposal to stipulate the deference between 1/095 and 1/097. However, we do not clearly understand whether the position of the word “only” is grammatically correct. We would like English-speaking delegations to consider it if possible.

The Canadian Intellectual  
Property Office

L'Office de la propriété  
intellectuelle du Canada

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Project Number: C 395

Date: April 7, 2003

Class/Subclass: F16D

Page 1 of 1

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Re: EP's proposal dated 01.11.02 and EP's comment dated 04.04.03

CA supports the new scheme detailed in EP's proposal and the new wording for the group titles as proposed in EP's comment. Even though CA does not have a large file size in F16D 1/09, CA considers the new scheme will make searches more effective in this field.

Félix Paquet



Deutsches Patent- und Markenamt German Patent and Trademark Office	Class/Subcl.: <b>F16D</b>
	Date : 16.04.2003
<b>DE - Comments — C 395</b>	

DE supports the new classification scheme proposed by EP in November 2002. We also support the clarifications in annex 2.

U. Roediger

Europäisches  
PatentamtEuropean  
Patent OfficeOffice européen  
des brevets

Principal Directorate Tools / Documentation

**Rapporteur Report**Project: C395  
(trilateral T017)

Subclass: F16D

20 May 2003

Comments were asked on the provisional adopted scheme proposed and tested by the trilateral offices. Comments had been received from CA, DE, JP and EP.

All comments support the new scheme and the improved wording proposed in the comments of EPO (Annex 2). JPO wanted to know from an English speaking delegation, if the position of the word “only” in groups 1/095 and 1/097 is grammatically correct.

We discussed this question with a native speaker who explained that the proposed version emphasizes that there is only a contracting action of the rings in group 1/095 or respective only an expanding action of the rings in group 1/097. The intention of our expert was to emphasize that only the rings are deformed against a rigid counterpart. Therefore the wording of the groups has to be modified by positioning the term “only” at the beginning of the title.

**Proposal**

- N 1/091 . . . . and comprising a chamber including a tapered piston moved axially by fluid pressure to effect clamping
- N 1/092 . . . . the pair of conical mating surfaces being provided on the coupled hub and shaft
- N 1/093 . . . . using one or more elastic or segmented conical rings forming at least one of the conical surfaces, the rings being expanded or contracted to effect clamping (1/091 takes precedence)
- N 1/094 . . . . using a plurality of elastic or segmented rings with mutually mating conical surfaces, the rings being expanded and contracted
- N 1/095 . . . . *only* the elastic or segmented rings being contracted to effect clamping (1/094 takes precedence)
- N 1/096 . . . . . and located between a shaft and a hub
- N 1/097 . . . . . *only* the elastic or segmented rings being expanded to effect clamping (1/094 takes precedence)

- N 1/098 . . . . . and located between a shaft and a hub
- N 1/099 . . . . . and located between a shaft and a hub (1/096, 1/098  
takes precedence)

H. Mende





IPC/C 411/98  
ORIGINAL: English/French  
DATE: May 23, 2003

**WORLD INTELLECTUAL PROPERTY ORGANIZATION**  
**ORGANISATION MONDIALE DE LA PROPRIÉTÉ INTELLECTUELLE**  
GENEVA/GENÈVE

**COMMITTEE OF EXPERTS OF THE IPC UNION**  
**COMITÉ D'EXPERTS DE L'UNION DE L'IPC**

**IPC REVISION PROJECT FILE/DOSSIER DE PROJET DE RÉVISION DE LA CIB**

<b>PROPOSAL BY:</b> <b>PROPOSITION DE :</b>	<b>REVISION OF IPC AREA:</b> <b>RÉVISION DU DOMAINE DE LA CIB :</b>
SE	A 47 B
<b>KIND OF REVISION:</b> <b>TYPE DE RÉVISION :</b>	<b>Creation of subgroups</b> <b>Création de sous-groupes</b>

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>	<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
1	Revision request with detailed proposal / Demande de révision avec proposition détaillée	SE	12.98
2	Comments / Observations	EP	05.99
3	Comments / Observations	RO	05.99
4	Comments / Observations	US	05.99
5	Comments / Observations	GB	07.99
6	Rapporteur report / Rapport du rapporteur	SE	09.99
7	Comments / Observations	JP	11.00
8	Proposal / Proposition	EP	05.03
9	Comments / Observations	SE	05.03
10	Comments / Observations	GB	05.03
11	Comments / Observations	DE	05.03

**RAPPORTEUR : SE      TECHNICAL FIELD/DOMAINE TECHNIQUE : M**



**Trilateral Classification Harmonization - Projects suspended at IPC/WG  
 Project T018 (C411) Subclass A47B**

This proposal is submitted on behalf of the Trilateral Offices

- C 21/00 Tables or desks specially adapted for typing, word processing or keyboarding data; Auxiliary devices intended for attachment to such tables or desks (*mouse-pads G06F3/0331*)
- N 21/001 . with under-desk displays
- N 21/003 . with means for holding, fastening or concealing cables
- N 21/005 . with adjustable parts, e.g. universally adjustable leaves, arm rests, wrist supports or mouse platforms (21/001 takes precedence; *for writing tables 17/02, 17/03*)
- C 21/02 . . vertically adjustable only
- C 21/03 . . horizontally adjustable or extensible only (drawers 88/00)
- C 21/04 . with means for holding or fastening typewriters, keyboards or related computer equipment

**F16L**

- C 3/00 - - - cleats, clips, brackets (tables or desks specially adapted for typing, word processing or keyboarding data with means for holding or fastening cables *A47B21/003*; anchors for holding - - -

**H02G**

- C Title - - - CABLES OR LINES (tables or desks specially adapted for typing, word processing or keyboarding data with means for holding or fastening cables *A47B21/003*; insulated conductors or - - -

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# Swedish Patent and Registration Office

IPC Revision Project C411, subclass A47B

May 6th, 2003

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## COMMENTS (in response to Annex 8)

In general we support the Trilateral proposal. We do however have some suggestions:

### 1. Group 21/00

- We think the title is too restricted and lacks growth potential. We also wonder if "keyboarding", although impossible to misunderstand, is a proper English word. We propose widening the scope slightly by replacing "keyboarding" with "other manual data entry". This would also cover other similar tables or desks for use with alternatives to keyboards, such as digitizer boards. This would give scope for future developments without unduly widening the scope.
- We think the reference should say "mouse-pads per se G06F 3/0331". This would work well together with the reference proposed in project C420 (which is of course going on at the same time).

The complete wording would then be:

**C 21/00 Tables or desks specially adapted for typing, word processing or other manual data entry; Auxiliary devices for attachment to such tables or desks (mousepads per se G06F 3/0331 "**

### 2. Numbering

Is there any particular reason for crowding the new groups in at the beginning of the scheme? We especially think 21/003 would fit well below 21/04.

### 3. References

Depending on the title of 21/00, the references in F16L and H02G should of course be modified.

Anders Bruun



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**UK Patent Office**

**Date: 8 May 2003**

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**Comments on Project C411 , Subclass A47B**

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Our comments are based on the trilateral proposal of Annex 8 and the Swedish comments of Annex 9. We agree entirely with the Swedish suggestions. With these suggestions on board, the Trilateral proposal of Annex 8 should be a good basis for discussion and for adopting a scheme for this area.

Martin Price

<b>DEUTSCHES PATENT- UND MARKENAMT</b> German Patent and Trade Mark Office	Class/Subcl.: A 47 B
	Date : May 21, 2003
<b>DE - Comments — C 411</b>	

We refer to the counter-proposal submitted by the Trilateral Offices (see Ann.8) commenting as follows.

We approve of this proposal. We could also imagine for 21/00 the SE-wording (see Ann. 9).  
eod



IPC/C 417/98  
ORIGINAL: English/French  
DATE: May 12, 2003

**WORLD INTELLECTUAL PROPERTY ORGANIZATION**  
**ORGANISATION MONDIALE DE LA PROPRIÉTÉ INTELLECTUELLE**  
GENEVA/GENÈVE

**COMMITTEE OF EXPERTS OF THE IPC UNION**  
**COMITÉ D'EXPERTS DE L'UNION DE L'IPC**

**IPC REVISION PROJECT FILE/DOSSIER DE PROJET DE RÉVISION DE LA CIB**

<b>PROPOSAL BY:</b> <b>PROPOSITION DE :</b>	<b>REVISION OF IPC AREA:</b> <b>RÉVISION DU DOMAINE DE LA CIB :</b>
SE	F 23 C
<b>KIND OF REVISION:</b> <b>TYPE DE RÉVISION :</b>	<b>Creation of subgroups</b> <b>Création de sous-groupes</b>

<b>ANNEX/ ANNEXE</b>	<b>CONTENT/CONTENU</b>	<b>ORIGIN/ ORIGINE</b>	<b>DATE</b>
1	Revision request with detailed proposal / Demande de révision avec proposition détaillée	SE	12.98
2	Comments / Observations	EP	05.99
3	Comments / Observations	CA	05.99
4	Comments / Observations	RO	05.99
5	Comments / Observations	US	05.99
6	Comments / Observations	GB	09.99
7	Rapporteur report / Rapport du rapporteur	SE	09.99
8	Decision of the Working Group / Décision du groupe de travail	WG	03.00
9	Comments / Observations	EP	03.00
10	Comments / Observations	SE	03.00
11	Comments / Observations	RO	03.00
12	Comments / Observations	DE	05.00
13	Comments / Observations	CA	05.00
14	Rapporteur report / Rapport du rapporteur	SE	05.00
15	Comments / Observations	JP	05.00

**RAPPORTEUR : SE      TECHNICAL FIELD/DOMAINE TECHNIQUE : M**

ANNEX/ ANNEXE	CONTENT/CONTENU	ORIGIN/ ORIGINE	DATE
16	Decision of the Working Group / Décision du groupe de travail	WG	01.01
17	Comments / Observations	CA	11.01
18	Comments / Observations	EP	11.01
19	Comments / Observations	SE	11.01
20	Comments / Observations	RO	11.01
21	Rapporteur report / Rapport du rapporteur	SE	11.01
22	Decision of the Working Group / Décision du groupe de travail	WG	07.02
23	Comments / Observations	GB	09.02
24	Comments / Observations	FR	09.02
25	Comments / Observations	RO	09.02
26	Comments / Observations	DE	11.02
27	Rapporteur report / Rapport du rapporteur	SE	11.02
28	Decision of the Working Group / Décision du groupe de travail	WG	05.03
29	French version of approved amendments / Version française des modifications approuvées	CH	05.03

EXCERPT FROM DOCUMENT IPC/WG/8/8/  
EXTRAIT DU DOCUMENT IPC/WG/8/8

ANNEX	13	F 23 C	[Project-Rapporteur : 417/SE]	<SC08020E>
	<b>Title</b>	<b>METHODS OR APPARATUS FOR COMBUSTION USING FLUENT FUEL</b> (burners <a href="#">F 23 D</a> ; constructional ---)		
<i>N</i>	<i>Note(s) after the title</i>	<i>In this subclass, methods are classified in the groups that cover the apparatus used.</i>		
	1/02	• lump and liquid fuel		
	1/04	• lump and gaseous fuel		
	1/06	• lump and pulverulent fuel		
	1/08	• liquid and gaseous fuel		
	1/10	• liquid and pulverulent fuel		
	1/12	• gaseous and pulverulent fuel		
<i>N</i>	<i>10/01</i>	• <i>in a fluidised bed of catalytic particles</i>		
<i>N</i>	<b>13/00</b>	<b><i>Apparatus in which combustion takes place in the presence of catalytic material (in a fluidised bed of catalytic particles <a href="#">10/01</a>; radiant gas burners using catalysis for flameless combustion <a href="#">F 23 D 14/18</a>)</i></b>		
				R

Session:	IPC/WG
Subclass:	F23C
Project(s):	C 417
Language:	F
Translator office:	CH
Translation source session:	IPC/WG/7 IPC/WG/8
Translation source annex filename:	Annex 30 Annex 13

Mod. type	IPC entry (interval)	Text or Instruction
	<b>Titre</b>	<b>PROCÉDÉS OU APPAREILS À COMBUSTION UTILISANT DES COMBUSTIBLES FLUIDES OU FLUIDISÉS</b> (brûleurs F23D ; détails de structure---
N	Note(s) après le titre	Dans cette sous-classe les procédés sont classés dans les groupes recouvrant les appareils utilisés
C	1/00	Appareils à combustion spécialement adaptés à la combustion de deux ou plusieurs --- simultanément ou alternativement (appareils à combustion caractérisés par la combinaison d'au moins deux chambres de combustion 6/00; allumeurs à flamme-pilote F23Q9/00)  <b><i>Rem. : VE et VF diffèrent, ' at least one kind of fuel being fluent ' n'a pas été repris en VF (CIB 7)</i></b>
	1/02	• du combustible en morceaux et du combustible liquide
	1/04	• du combustible en morceaux et du combustible gazeux
	1/06	• du combustible en morceaux et du combustible pulvérulent
	1/08	• du combustible liquide et du combustible gazeux
	1/10	• du combustible liquide et du combustible pulvérulent
	1/12	• du combustible gazeux et du combustible pulvérulent
C	3/00	---chambre de combustion (15/00 a priorité)
C	5/00	Appareils à combustion caractérisés par l'aménagement ou le montage des brûleurs
C	6/00	---chambres de combustion
C	7/00	Appareils à combustion caractérisés par des dispositions pour l'amenée d'air (entrées pour l'air de fluidisation 10/20)
C	9/00	Appareils à combustion caractérisés par des dispositions pour renvoyer les produits de combustion ou les gaz de fumée dans la chambre de combustion (appareils de combustion à lit fluidisé avec des moyens pour remettre en circulation les particules entraînées à l'extérieur du lit 10/02 ; appareils de combustion à lit fluidisé munis de dispositifs pour enlever et réintroduire partiellement de la matière dans le lit 10/26)
	10/00	Appareils dans lesquels la combustion a lieu dans un lit fluidisé de

		combustible ou d'autres particules
N	10/01	• dans un lit fluidisé de particules catalytiques
C	11/00	---1/00 à 10/00, 13/00 ou 15/00
D	11/04	(transféré en 15/00)
N	13/00	Appareils dans lesquels la combustion a lieu en présence de matériau catalytique (dans un lit fluidisé de particules catalytiques 10/01; brûleurs à gaz à rayonnement utilisant la catalyse pour une combustion sans flamme F23D14/18)
N	13/02	c caractérisés par des dispositions pour amorcer le processus, p.ex. pour amener le matériau catalytique à la température de fonctionnement
N	13/04	• caractérisé par l'agencement d'au moins deux éléments catalytiques disposés en série
N	13/06	• dans lesquels a lieu une combustion non catalytique en complément à la combustion catalytique, p.ex. en aval d'un élément catalytique
N	13/08	• caractérisé par le matériau catalytique
N	15/00	Appareils dans lesquels la combustion est pulsée et influencée par résonance acoustique dans une masse gazeuse

Session:	IPC/WG
Subclass:	F23G
Project(s):	C 417
Language:	F
Translator office:	CH
Translation source session:	IPC/WG/7
Translation source annex filename:	Annex 31

Mod. type	IPC entry (interval)	Text or Instruction
C	7/00	Incinérateurs ou autres appareils spécialement adaptés à la destruction par combustion de déchets particuliers ou de combustibles pauvres, p.ex. des produits chimiques (1/00 a priorité ; cabinets avec incinération A47K11/02 ; ---
N	7/07	• • dans lesquels la combustion a lieu en présence de matériau catalytique

