



IPC/M 034
ORIGINAL: English/French
DATE: 19.11.2009

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

MAINTENANCE PROJECT FILE
DOSSIER DE PROJET MAINTENANCE

PROPOSAL BY : PROPOSITION DE :	WG	IPC AREA: DOMAINE DE LA CIB :
RAPPORTEUR :	IB	TECHNICAL FIELD : DOMAINE TECHNIQUE :
		E

ANNEX/ ANNEXE	CONTENT/CONTENU		ORIGIN/ ORIGINE	DATE
1	Rapporteur proposal	Proposition du rapporteur	IB	23.06.2009
2	Working Group decision	Décision du groupe de travail	IB	25.08.2009
3	Comments	Observations	JP	27.08.2009
4	Comments	Observations	EP	13.10.2009
5	Comments	Observations	US	19.10.2009
6	Rapporteur proposal	Proposition du rapporteur	IB	13.11.2009

EXCERPT FROM DOCUMENT IPC/WG/21/2
EXTRAIT DU DOCUMENT IPC/WG/21/2

REMOVAL OF NON-LIMITING REFERENCES FROM THE SCHEME

19. Discussions were based on a compilation of project file M 032, and in particular on Annex 45, submitted by the International Bureau, relating to a proposal for the removal of references from class titles.

20. The Working Group agreed that all references in class titles should be removed from the scheme irrespective of their nature. The Working Group also approved, with some modifications, the actions proposed in Annex 45 regarding the placement of the removed references. With respect to the reference to group G21F 9/28 in the title of class B09, the Working Group agreed to add the reference to the list of references in Note 3 of subclass B09B. With respect to the reference to B01D in the title of subclass C02F, the Working Group approved the wording proposed by Sweden in Annex 48. With respect to the references in the title of class C25, the Working Group agreed to move the informative reference to subclass B01D to the subclass definition of subclass C25B, and the informative reference to B23H to the subclass definition of subclass C25D (see Technical Annexes 57 to 110 to this report).

21. For several classes, no agreements could be reached regarding the type of reference (limiting, informative, application place) or where to move it. The Working Group therefore invited comments on those cases and agreed to create the three new maintenance projects M 033 to M 035 for mechanics, electricity and chemistry, respectively. The International Bureau was invited to split said Annex 45 accordingly, and to include therein the questions raised. The Working Group also invited comments on all the actions proposed for the removed references in section F, in addition to the questions reflected in Annex 1 to project M 033.

22. With respect to the reference to class C08 in the title of class C07, Sweden was invited to submit a proposal for a Note in class C07 replacing the reference to class C08 to the newly created maintenance project M 714, with Sweden as Rapporteur.

23. With respect to the removal of non-limiting references from subclasses where definition projects had already been completed by the end of 2007, the Working Group agreed to create three new maintenance projects M 036 to M 038 for mechanics, electricity and chemistry, respectively. The International Bureau was invited to split accordingly Annex 41 to the file M 032 containing several proposals for those subclasses and to complement them with proposals for the remaining subclasses. Following a round of comments, a consolidated proposal should be prepared by the International Bureau for approval by the Task Force.

24. The Secretariat informed the Working Group that Annex 10 to project file WG 191 contained a table summarizing the status of the task of removal of non-limiting references for each subclass, which would be updated after this session in order to take into account the latest decisions.

SUPPRESSION DES RENVOIS NON LIMITATIFS DANS LE SCHÉMA

19. Les délibérations ont eu lieu sur la base d'une synthèse du dossier de projet M 032, et notamment de l'annexe 45, présentée par le Bureau international, concernant une proposition relative à la suppression des renvois dans les titres des classes.

20. Le groupe de travail est convenu que tous les renvois figurant dans les titres des classes devraient être supprimés du schéma, quelle que soit leur nature. Il a également approuvé, sous réserve de certaines modifications, les mesures proposées à l'annexe 45 concernant le placement des renvois supprimés. En ce qui concerne le renvoi au groupe G21F 9/28 figurant dans le titre de la classe B09, le groupe de travail est convenu de l'ajouter à la liste des renvois figurant dans la note 3 de la sous-classe B09B. En ce qui concerne le renvoi à la sous-classe B01D figurant dans le titre de la sous-classe C02F, le groupe de travail a approuvé le libellé proposé par la Suède dans l'annexe 48. En ce qui concerne les renvois figurant dans le titre de la classe C25, le groupe de travail est convenu de transférer le renvoi indicatif à la sous-classe B01D dans la définition de la sous-classe C25B et le renvoi indicatif à la sous-classe B23H dans la définition de la sous-classe C25D (voir les annexes techniques 57 à 110 du présent rapport).

21. Pour plusieurs classes, aucun accord n'a pu être atteint concernant les types de renvoi (renvois de limitation, renvois indicatifs, renvois à des endroits axés sur l'application) et les endroits où les transférer. Le groupe de travail a donc demandé des observations sur ces cas et est convenu de créer les trois nouveaux projets de maintenance M 033 à M 035 pour la mécanique, l'électricité et la chimie, respectivement. Le Bureau international a été invité à scinder l'annexe 45 en conséquence et à y inclure les questions soulevées. Le groupe de travail a également demandé des observations sur toutes les mesures proposées pour les renvois supprimés de la section F, outre les questions indiquées dans l'annexe 1 du projet M 033.

22. En ce qui concerne le renvoi à la classe C08 figurant dans le titre de la classe C07, la Suède a été invitée à soumettre une proposition de note à insérer dans la classe C07 en remplacement du renvoi à la classe C08, dans le cadre du projet de maintenance M 714 nouvellement créé avec la Suède pour rapporteur.

23. En ce qui concerne la suppression des renvois non limitatifs des sous-classes où des projets de définition avaient déjà été achevés à la fin de 2007, le groupe de travail est convenu de créer trois nouveaux projets de maintenance M 036 à M 038 pour la mécanique, l'électricité et la chimie, respectivement. Le Bureau international a été invité à scinder en conséquence l'annexe 41 du dossier M 032 contenant plusieurs propositions relatives à ces sous-classes et à y ajouter des propositions relatives aux sous-classes restantes. À l'issue d'une série d'observations, une proposition de synthèse devrait être établie par le Bureau international aux fins d'approbation par l'équipe d'experts.

24. Le Secrétariat a informé le groupe de travail du fait que l'annexe 10 du dossier de projet WG 191 contenait un tableau récapitulatif de l'état d'avancement de la tâche relative à la suppression des renvois non limitatifs pour chaque sous-classe, qui serait actualisé après la session en cours afin de tenir compte des dernières décisions prises.

ANNEX 87E G02 [**Project-Rapporteur : M034/IB <WG21>**
]

CL M Title **OPTICS**

ANNEXE 87F G02 [**Projet-Rapporteur : M034/IB] <WG21>**
[Tr.:]

CL M Titre **OPTIQUE**

ANNEX 88E G03 [**Project-Rapporteur : M034/IB <WG21>**
]

CL M Title **PHOTOGRAPHY; CINEMATOGRAPHY; ANALOGOUS
TECHNIQUES USING WAVES OTHER THAN OPTICAL WAVES; ELECTROGRAPHY;
HOLOGRAPHY**

ANNEXE 88F G03 [**Projet-Rapporteur : M034/IB] <WG21>**
[Tr.:]

CL M Titre **PHOTOGRAPHIE; CINÉMATOGRAPHIE; TECHNIQUES
ANALOGUES UTILISANT D'AUTRES ONDES QUE DES ONDES OPTIQUES;
ÉLECTROGRAPHIE; HOLOGRAPHIE**

ANNEX 89E G06 [**Project-Rapporteur : M034/IB <WG21>**
]

CL M Title **COMPUTING; CALCULATING; COUNTING**

ANNEXE 89F **G06** [**Projet-Rapporteur : M034/IB**] <WG21>
[Tr.:]

CL M Titre **CALCUL; COMPTAGE**

ANNEX 90E **G08** [**Project-Rapporteur : M034/IB**] <WG21>
]

CL M Titre **SIGNALLING**

ANNEXE 90F **G08** [**Projet-Rapporteur : M034/IB**] <WG21>
[Tr.:]

CL M Titre **SIGNALISATION**

JAPAN PATENT OFFICE

August 27, 2009

Project: M034

Subclass:

JP Comment

JP thanks IB for the list of Removal of Informative References from Class Titles for classes for electricity in this new project M034.

1.G03

Among those remarked in Annex 1, JP would like to comment on the reference of Class G03.

Ref. to	Category	Proposed action	Comments/Questions
H04N	Informative	Remove	IB: See also ref in G03G WG: Should it be moved to the definition of subclass G03B ?

JP believes it desirable to place H04N references in the definition of subclass G03B.

2.G06

JP would like to reiterate JP proposal with respect to the following references in the title of Class G06.

Ref. to	Category	Proposed action	Comments/Questions
A63B 71/06	Special adaptation / Informative	Remove	JP: convert to note in class G06 ? (for proposal see Annex 47) WG: type?
A63D 15/20	Special adaptation / Informative	Remove	JP: convert to note in class G06 ? (for proposal see Annex 47) WG: type?
A63F 1/18	Special adaptation / Informative	Remove	IB: Is already in title of G06C JP: convert to note in class G06 ? (for proposal see Annex 47) WG: type?
B43K 29/08	Special adaptation / Informative	Remove	JP: convert to note in class G06 ? (for proposal see Annex 47) WG: type?

That is to say, it seems difficult to determine that these references are relevant to computers, calculating machines, etc. covered solely by any specific subclass in Class G06. With the view to providing aid for more appropriate classification, JP believes it desirable to place these references in the Note after the title of Class G06, which should constitute the explanation involving the whole scope of G06.

[Draft of "Note" to be added in Class G06]Notes

1.-4. (omitted)

5. Attention is drawn to the following places:

(1) A63B 71/06, A63D 15/20, A63F 1/18 Score computers for games

(2) B43K 29/08 Combinations of writing implements with computing devices

[END]

Principal Directorate Patent Grant Automation - Directorate Classification		
Project: M034	Subject: Removal of references from titles of Electricity Classes	IPC range: G
Comments		12 October 2009

Ref.: Annexes 1,3 of project file

Class: G03

Reference to	Category	Proposed action	EPO comments
H04N	Informative	Remove	EPO considers that certain aspects of "photography", especially nowadays with the advent of "digital photography", are excluded from G03 in favour of H04N, and this should be stated clearly. EPO therefore recommends that (for the time being) the existing reference is moved to a Note after G03. EPO is thoroughly studying the relationship between G03(B) and H04N and might in the near future get back to the IPC community with a more sounded maintenance proposal for a more correct location and wording of the Note/limiting reference.

Class: G06

Reference to	Category	Proposed action	EPO Comments
A63B 71/06	Special adaptation / Informative	Remove	This is an "application-type"/"special adaptation" reference, and as such it has to be removed. EPO does not feel that a Note (as suggested by JPO in A.3) is needed, as computers are used in all over the places and "computers specially adapted for score purposes in games" are a very particular example of many.
A63D 15/20	Special adaptation / Informative	Remove	see above
A63F 1/18	Special adaptation / Informative	Remove	see above
B43K 29/08	Special adaptation / Informative	Remove	Insofar as the subject-matter is a "combination", this reference could be regarded as limiting and hence stay in the scheme. But it sounds as a quite outdated one, and EPO feels there is no big harm to remove it completely.

United States Patent and Trademark Office	
IPC Revision Working Group	
Topic: M034 – Removal of informative references from titles of Electricity Classes	Date: October 19, 2009

US thanks Rapporteur for the proposal of Annex 1.

US agrees with EP comments made in Annex 4 regarding the status of the reference to H04N in Class G03; and the status of the references to A63B 71/06, A63D 15/20, and A63F 1/18 in Class G06.

Regarding the reference to B43K 29/08 in Class G06, US believes this is a limiting reference and therefore should stay in the scheme.

[End]

WIPO – International Bureau

M034 – CONSOLIDATED PROPOSALS

REMOVAL OF INFORMATIVE REFERENCES FROM CLASS TITLES

Classes for Electricity

At WG/21, it was agreed to remove all references from class titles, and either move them to subclass titles, to definitions of subclasses or delete them. For several classes, no agreements could be reached regarding the type of reference (limiting, informative, application place) or where to move it.

As indicated in Annex 2, comments were invited on all the questions reflected in Annex 1 to project M 034.

Please find below the consolidated proposal prepared by the International Bureau, taken into account comments submitted by EP, JP and US.

Class: G03

Reference to	Category	Proposed action	Comments/Questions
H04N	Informative	<p><i>Remove and add in G03B definitions;</i></p> <p><i>Move further to a note after G03 as follows:</i></p> <p><i>Note 1 (New)</i> <i>This class <u>does not cover</u> reproduction of pictures or patterns by scanning and converting into electrical signals, which is covered by subclass H04N</i></p> <p><i>Existing Note 1 becomes Note 2</i></p>	

Class: G06

Reference to	Category	Proposed action	Comments/Questions
A63B 71/06	Special adaptation / Informative	<i>Remove</i>	

Reference to	Category	Proposed action	Comments/Questions
A63D 15/20	Special adaptation / Informative	<i>Remove</i>	

Reference to	Category	Proposed action	Comments/Questions
A63F 1/18	Special adaptation / Informative	<i>Remove</i>	

Reference to	Category	Proposed action	Comments/Questions
B43K 29/08	Special adaptation / Limiting	<p><i>Remove and add in Note 2 of G06:</i></p> <p>Existing Note 2:</p> <p><u>This class does not cover:</u></p> <ul style="list-style-type: none">• <i>combinations of writing implements with computing device, which are covered by B43K 29/08;</i>•	



IPC/M 037
ORIGINAL: English/French
DATE: 19.11.2009

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

MAINTENANCE PROJECT FILE
DOSSIER DE PROJET MAINTENANCE

PROPOSAL BY : PROPOSITION DE :	WG	IPC AREA: DOMAINE DE LA CIB :
RAPPORTEUR :	IB	TECHNICAL FIELD : DOMAINE TECHNIQUE :
		E

ANNEX/ ANNEXE	CONTENT/CONTENU		ORIGIN/ ORIGINE	DATE
1	Working Group decision	Décision du groupe de travail	IB	25.08.2009
2	Rapporteur proposal	Proposition du rapporteur	IB	08.10.2009
3	Comments	Observations	IB	13.10.2009
4	Comments	Observations	EP	29.10.2009
5	Comments	Observations	US	29.10.2009
6	Rapporteur proposal	Proposition du rapporteur	IB	17.11.2009

EXCERPT FROM DOCUMENT IPC/WG/21/2
EXTRAIT DU DOCUMENT IPC/WG/21/2

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20. The Working Group agreed that all references in class titles should be removed from the scheme irrespective of their nature. The Working Group also approved, with some modifications, the actions proposed in Annex 45 regarding the placement of the removed references. With respect to the reference to group G21F 9/28 in the title of class B09, the Working Group agreed to add the reference to the list of references in Note 3 of subclass B09B. With respect to the reference to B01D in the title of subclass C02F, the Working Group approved the wording proposed by Sweden in Annex 48. With respect to the references in the title of class C25, the Working Group agreed to move the informative reference to subclass B01D to the subclass definition of subclass C25B, and the informative reference to B23H to the subclass definition of subclass C25D (see Technical Annexes 57 to 110 to this report).

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19. Les délibérations ont eu lieu sur la base d'une synthèse du dossier de projet M 032, et notamment de l'annexe 45, présentée par le Bureau international, concernant une proposition relative à la suppression des renvois dans les titres des classes.

20. Le groupe de travail est convenu que tous les renvois figurant dans les titres des classes devraient être supprimés du schéma, quelle que soit leur nature. Il a également approuvé, sous réserve de certaines modifications, les mesures proposées à l'annexe 45 concernant le placement des renvois supprimés. En ce qui concerne le renvoi au groupe G21F 9/28 figurant dans le titre de la classe B09, le groupe de travail est convenu de l'ajouter à la liste des renvois figurant dans la note 3 de la sous-classe B09B. En ce qui concerne le renvoi à la sous-classe B01D figurant dans le titre de la sous-classe C02F, le groupe de travail a approuvé le libellé proposé par la Suède dans l'annexe 48. En ce qui concerne les renvois figurant dans le titre de la classe C25, le groupe de travail est convenu de transférer le renvoi indicatif à la sous-classe B01D dans la définition de la sous-classe C25B et le renvoi indicatif à la sous-classe B23H dans la définition de la sous-classe C25D (voir les annexes techniques 57 à 110 du présent rapport).

21. Pour plusieurs classes, aucun accord n'a pu être atteint concernant les types de renvoi (renvois de limitation, renvois indicatifs, renvois à des endroits axés sur l'application) et les endroits où les transférer. Le groupe de travail a donc demandé des observations sur ces cas et est convenu de créer les trois nouveaux projets de maintenance M 033 à M 035 pour la mécanique, l'électricité et la chimie, respectivement. Le Bureau international a été invité à scinder l'annexe 45 en conséquence et à y inclure les questions soulevées. Le groupe de travail a également demandé des observations sur toutes les mesures proposées pour les renvois supprimés de la section F, outre les questions indiquées dans l'annexe 1 du projet M 033.

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24. Le Secrétariat a informé le groupe de travail du fait que l'annexe 10 du dossier de projet WG 191 contenait un tableau récapitulatif de l'état d'avancement de la tâche relative à la suppression des renvois non limitatifs pour chaque sous-classe, qui serait actualisé après la session en cours afin de tenir compte des dernières décisions prises.

Proposal by the International Bureau

Project M 037 was created for removal of non-Limiting references from the scheme for subclasses with completed definitions for electricity (see IPC/WG/21/2, paragraphs 19 to 24).

The following proposal appears to be straightforward as it is mainly based on the categories that were given to the references in the approved definitions. Few extra recommendations or modifications are included.

Informative (D)/(R) → category according existing definition (D) and/or rapporteur opinion (R)

When preparing this proposal we noticed some issues to be considered by the WG:

- If references pointing to application places should be remove from the scheme as it was decided earlier. Unlike Informative references, they are truly of relevance for classifying subject matter. See e.g. the references in F04C 2/00; some are truly Limiting while some others point to application places. Still, both types are useful for the classifier.
- Many references in subclass definitions relate to a single group only and not to the whole subclass; should they all be moved to respective group definitions ? Or should they be considered case by case?

All references are based on IPC 2009.01

Subclass: B81B Project: D 006

Place	Reference to	Category	Proposed action	Comments
B81B	H01L 41/00	Limiting (D)/(R)	None	

Subclass: B81C Project: D 007

Place	Reference to	Category	Proposed action	Comments
B81C	B01J 13/02	Limiting (D)/(R)	None	
B81C	H01L 41/22	Limiting (D)/(R)	None	

Subclass: H04Q Project: D 087

Place	Reference to	Category	Proposed action	Comments
H04Q	H01H	Limiting	None	
H04Q	H04W	Limiting	None	
H04Q 1/00	H01H 63/00	Informative	Remove from the scheme (already in group definitions)	
H04Q 1/06	H02G	Informative	Remove from the scheme	
H04Q 1/30	H04J 1/14	Limiting?	None	
H04Q 1/30	H04J 3/12	Limiting?	None	
H04Q 1/30	H04M 1/00	Informative	Remove from the scheme and put in group definitions	
H04Q 3/78	H04L 13/08	Informative	Remove from the scheme and put in group definitions	
H04Q 11/00	H04J	Informative	Remove from the scheme (already in group definitions)	

Subclass: H05C Project: D 085

Place	Reference to	Category	Proposed action	Comments
H05C	A01M 1/22	Limiting	None	
H05C	A01M 19/00	Limiting	None	
H05C	A01M 23/38	Limiting	None	
H05C	A01M 29/00	Non-Limiting	Remove from the scheme (already in definitions)	
H05C	A22B 3/06	Limiting	None	
H05C 1/04	H01H	Informative	Remove from the scheme	
H05C 1/04	H03K	Informative	Remove from the scheme	

Subclass: H05F Project: D 084

Place	Reference to	Category	Proposed action	Comments
H05F	H02N	Informative	Remove from the scheme	
H05F	.....see the relevant subclasses for the operations	Informative	Remove from the scheme	
H05F 3/00	A61N 1/14	Limiting	None	
H05F 3/04	H01T 19/00	Informative	Remove from the scheme	

WORLD INTELLECTUAL PROPERTY ORGANIZATION	
IPC REVISION WORKING GROUP	
Projects: M 036 – M 038 Removal of Non-limiting References from the Scheme Rapporteur's comments	Date: October 12, 2009

Removal of Non-limiting References from the Scheme

Our comments relate to the introduction part of the proposals submitted to projects M 036 to M 038 (see Annex 2 of the three projects), concerning references pointing to application places. This issue was introduced in the original proposal of project M 032 submitted to WG20 and should not be reproduced in the current proposals for the following reasons:

1. The latest version of the *Guide to the IPC* (2009.01), paragraph 39c, precisely indicates that references in function oriented places pointing to application places are considered as (together with informative references) references for guidance, and should be progressively removed from schemes and put in definitions. Furthermore, paragraph 90 of the *Guide* clearly specifies how to classify between function and application oriented places, it would cause confusion for users if references pointing to application places are kept in the scheme;

2. According to the decision of the CE/41, the scope of the work of the IPC/WG will be limited to the consideration of revision, definition and maintenance projects, priority being given to revision projects and to the corresponding definition projects, in order to achieve efficient consideration of revision projects. Therefore, the IPC/WG is not the appropriate body if we do want to discuss the above mentioned issue. Discussions on projects M 036 to M 038 should focus on the proposed actions of each individual reference.

In conclusion, it would be reasonable if we do not discuss the issue relating to references pointing to application places in the framework of M 036 to M 038 projects.

Principal Directorate Patent Grant Automation - Directorate Classification		
Project: M037	Subject: Removal of non-limiting references from Electro/Physics subclasses	IPC sections: G & H
Comments		29 October 2009

Ref.: Annex 2 (Initial Proposal) of project file

General

In the initial proposal "None" is used to mean the action "Keep in the scheme".

We prefer to read and use the extended version of the proposed action – NB: to be changed in the template too.

Subclass: B81B Project: D 006

Place	Reference to	Category	Proposed action	EPO Comments
B81B	H01L 41/00	Limiting (D)/(R)	Keep in the scheme	OK

Subclass: B81C Project: D 007

Place	Reference to	Category	Proposed action	EPO Comments
B81C	B01J 13/02	Limiting (D)/(R)	Keep in the scheme	OK
B81C	H01L 41/22	Limiting (D)/(R)	Keep in the scheme	OK

Subclass: H04Q Project: D 087

Place	Reference to	Category	Proposed action	EPO Comments
H04Q	H01H	Limiting	Keep in the scheme	OK
H04Q	H04W	Limiting	Keep in the scheme	OK
H04Q 1/00	H01H 63/00	Informative	Remove from the scheme (already in group definitions)	OK
H04Q 1/06	H02G	Informative	Remove from the scheme (already in group definitions)	OK
H04Q 1/30	H04J 1/14	Limiting	Keep in the scheme	OK
H04Q 1/30	H04J 3/12	Limiting	Keep in the scheme	OK
H04Q 1/30	H04M 1/00	Informative	Remove from the scheme and put in group definitions	OK
H04Q 3/78	H04L 13/08	Informative	Remove from the scheme and put in group definitions	OK
H04Q 11/00	H04J	Informative	Remove from the scheme (already in group definitions)	OK

Subclass: H05C Project: D 085

Place	Reference to	Category	Proposed action	EPO Comments
H05C	A01M 1/22	Limiting	Keep in the scheme	OK
H05C	A01M 19/00	Limiting	Keep in the scheme	OK
H05C	A01M 23/38	Limiting	Keep in the scheme	OK
H05C	A01M 29/00	Non-Limiting	Remove from the scheme (already in definitions)	OK
H05C	A22B 3/06	Limiting	Keep in the scheme	OK
H05C 1/04	H01H	Informative	Remove from the scheme	OK & add to group definition
H05C 1/04	H03K	Informative	Remove from the scheme	OK & add to group

Place	Reference to	Category	Proposed action	EPO Comments
				definition

Subclass: H05F Project: D 084

Place	Reference to	Category	Proposed action	EPO Comments
H05F	H02N	Informative	Remove from the scheme	OK & add to subclass definition
H05F	.....see the relevant subclasses for the operations	Informative	Remove from the scheme	OK
H05F 3/00	A61N 1/14	Limiting	Keep in the scheme	OK Actually it sounds quite "special adaptation"-type, yet in the doubt ...
H05F 3/04	H01T 19/00	Informative	Remove from the scheme	EPO expert considers this reference as Limiting. In the doubt, it would be better to leave it in the scheme

United States Patent and Trademark Office	
IPC Revision Working Group	
Topic: M037 (Removal of non-limiting references from electrical subclasses)	Date: 29 October 2009

US thanks IB for its initial proposal in Annex 2. Please find below US comments to the initial proposal.

Subclass: B81B Project: D 006

Place	Reference to	Category	Proposed action	US Comments
B81B	H01L 41/00	Limiting (D)/(R)	Remove from the scheme	Informative. Also note that the Definition has a limiting reference to H01L that should be moved to the informative references section.

Subclass: B81C Project: D 007

Place	Reference to	Category	Proposed action	US Comments
B81C	B01J 13/02	Limiting (D)/(R)	Keep in the scheme	OK
B81C	H01L 41/22	Limiting (D)/(R)	Remove from the scheme	Informative.

Subclass: H04Q Project: D 087

Place	Reference to	Category	Proposed action	US Comments
H04Q	H01H	Limiting	Keep in the scheme	OK
H04Q	H04W	Limiting	Keep in the scheme	OK
H04Q 1/00	H01H 63/00	Informative	Remove from the scheme (already in group definitions)	OK
H04Q 1/06	H02G	Informative	Keep in the scheme	Limiting. Also note that the Definition has an informative reference to H02G that should be moved to the limiting references section.
H04Q 1/30	H04J 1/14	Limiting	Keep in the scheme	OK
H04Q 1/30	H04J 3/12	Limiting	Keep in the scheme	OK
H04Q 1/30	H04M 1/00	Informative	Remove from the scheme and put in group definitions	OK
H04Q 3/78	H04L 13/08	Informative	Keep in the scheme	Limiting.

Place	Reference to	Category	Proposed action	US Comments
H04Q 11/00	H04J	Informative	Keep in the scheme	Limiting. Also note that the Definition has an informative reference to H04J that should be moved to the limiting references section.

Subclass: H05C Project: D 085

Place	Reference to	Category	Proposed action	US Comments
H05C	A01M 1/22	Limiting	Keep in the scheme	OK
H05C	A01M 19/00	Limiting	Keep in the scheme	OK
H05C	A01M 23/38	Limiting	Keep in the scheme	OK
H05C	A01M 29/00	Non-Limiting	Remove from the scheme (already in definitions)	OK
H05C	A22B 3/06	Limiting	Keep in the scheme	OK
H05C 1/04	H01H	Informative	Remove from the scheme	OK & add to group definition
H05C 1/04	H03K	Informative	Remove from the scheme	OK & add to group definition

Subclass: H05F Project: D 084

Place	Reference to	Category	Proposed action	US Comments
H05F	H02N	Informative	Remove from the scheme	OK & add to subclass definition
H05F	.....<u>see</u> the relevant subclasses for the operations	Informative	Remove from the scheme	OK
H05F 3/00	A61N 1/14	Limiting	Keep in the scheme	OK
H05F 3/04	H01T 19/00	Informative	Keep in the scheme	Limiting.

Proposal by the International Bureau

Project M037

As requested at the WG/21, please find below the consolidated proposal prepared by the International Bureau, taken into account comments submitted by EP and US.

The highlighted actions mean that either rapporteur changes positions based on comments submitted or there exists disagreement among commenting offices on those actions

Subclass: B81B Project: D 006

Place	Reference to	Category	Proposed action	Comments
B81B	H01L 41/00	<i>Limiting (D)/(R)</i>	<i>No action</i>	EPO: OK US: Informative

Subclass: B81C Project: D 007

Place	Reference to	Category	Proposed action	Comments
B81C	B01J 13/02	Limiting (D)/(R)	No action	
B81C	H01L 41/22	<i>Limiting (D)/(R)</i>	<i>No action</i>	EPO: OK US: Informative

Subclass: H04Q Project: D 087

Place	Reference to	Category	Proposed action	Comments
H04Q	H01H	Limiting	No action	
H04Q	H04W	Limiting	No action	
H04Q 1/00	H01H 63/00	Informative	Remove from the scheme (already in group definitions)	
H04Q 1/06	H02G	<i>Informative</i>	<i>Remove from the scheme</i>	EPO: OK US: Limiting
H04Q 1/30	H04J 1/14	Limiting	No action	
H04Q 1/30	H04J 3/12	Limiting	No action	
H04Q 1/30	H04M 1/00	Informative	Remove from the scheme and put in group definitions	
H04Q 3/78	H04L 13/08	<i>Limiting</i>	<i>No action</i>	EPO: OK US: Limiting
H04Q 11/00	H04J	<i>Limiting</i>	<i>Modify H04Q subclass definitions</i>	EPO: OK US: Limiting

Subclass: H05C Project: D 085

Place	Reference to	Category	Proposed action	Comments
H05C	A01M 1/22	Limiting	No action	
H05C	A01M 19/00	Limiting	No action	
H05C	A01M 23/38	Limiting	No action	
H05C	A01M 29/00	Non-Limiting	Remove from the scheme (already in definitions)	

Place	Reference to	Category	Proposed action	Comments
H05C	A22B 3/06	Limiting	No action	
H05C 1/04	H01H	Informative	Remove from the scheme <i>and put in group definitions</i>	
H05C 1/04	H03K	Informative	Remove from the scheme <i>and put in group definitions</i>	

Subclass: H05F Project: D 084

Place	Reference to	Category	Proposed action	Comments
H05F	H02N	Informative	Remove from the scheme <i>and put in subclass definitions</i>	
H05F	.....<u>see</u> the relevant subclasses for the operations	Informative	Remove from the scheme	
H05F 3/00	A61N 1/14	Limiting	No action	
H05F 3/04	H01T 19/00	<i>Limiting</i>	<i>No action</i>	