



IPC/M 035
ORIGINAL: English/French
DATE: 26.11.2009

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 :	C

ANNEX/ ANNEXE	CONTENT/CONTENU		ORIGIN/ ORIGINE	DATE
1	Rapporteur proposal	Proposition du rapporteur	IB	23.06.2009
2	Comments	Observations	US	31.07.2009
3	Working Group decision	Décision du groupe de travail	IB	25.08.2009
4	Comments	Observations	JP	27.08.2009
5	Comments	Observations	EP	22.09.2009
6	Comments	Observations	DE	25.09.2009
7	Rapporteur proposal	Proposition du rapporteur	IB	13.11.2009
8	Comments	Observations	US	18.11.2009
9	Comments	Observations	JP	26.11.2009
10	Comments	Observations	JP	26.11.2009

United States Patent and Trademark Office	
IPC Revision Working Group	
Topic: M035 – Removal of Informative References from Class Titles/Chemical	Date: July 31, 2009

US maintains the positions expressed in Annex 49 of the project file of M032 unless mentioned below in **blue/bold** font.

Class: C02

Reference to	Category	Proposed action	Comments/Questions
B01D	Limiting	Remove as a reference already exists in subclass C02F; better to modify the reference in C02F as: --- (<i>settling tanks and filter devices</i> B01D; special arrangements on ---	US agrees with R and the modification proposed by SE in A-48 of M032 concerning the wording of the reference.

Class: C07

Reference to	Category	Proposed action	Comments/Questions
C09	Limiting	Remove	IB: C09 follows immediately, it's use is evident SE: is application type ? move to definitions ? WG: Could the reference be more specific ? US agrees with SE and believes the reference could be more specific pointing to C09B which can provide for "compounds" which are dyes.

Reference to	Category	Proposed action	Comments/Questions
C12P	Informative	Remove	IB: see the note and reference in C12P JP: is limiting? convert to note or move to all C07 subclasses (see proposal in Annex 47) ? SE: is limiting? move to C07B ? US agrees with JP and prefers moving reference

			to all C07 subclass titles.
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Reference to	Category	Proposed action	Comments/Questions
C25B 3/00	Limiting	Remove	IB: is already in C07C JP: convert to note (see proposal in Annex 47) or move to all C07 subclasses ? US agrees with JP and prefers moving reference to all C07 subclass titles.

Reference to	Category	Proposed action	Comments/Questions
C25B 7/00	Limiting	Remove	IB: is already in C07C JP: convert to note (see proposal in Annex 47) or move to all C07 subclasses ? US agrees with JP and prefers moving reference to all C07 subclass titles.

Class: C22

Reference to	Category	Proposed action	Comments/Questions
C21	Limiting	Remove	IB: Is evident, C21 comes immediately before C22 SE: Should the first part of the title of class C22 be modified to “Non-ferrous metallurgy” ? US: include in title of C22B ? US would agree to the SE proposal or to include the reference in the title of C22B

Reference to	Category	Proposed action	Comments/Questions
C25	Limiting	Remove	IB: See reference in C22B SE: Should the reference to C05 in C22B be replaced with the one in C22 ? US agrees with SE that the wording of the reference to C25 found in C22 should be used in C22B.

Class: C23

Reference to	Category	Proposed action	Comments/Questions
C25D	Limiting	Move to C23F	IB: Is associated with title part that relates to C23F

			SE: Should also be moved to C23C ? US agrees with R and SE
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Class: C25

Reference to	Category	Proposed action	Comments/Questions
C02F 1/46	Special adaptation / Limiting	Move to C25F	JP: place in all subclass definitions ? SE: is informative ? US: There is a note (2) under the C25 class title which mentions the relationship of C02F1/46 to C25. Inclusion of this note in the definitions of all of the subclasses of C25 would be useful.

Reference to	Category	Proposed action	Comments/Questions
C23C 28/00	Informative	Remove and include in definitions of all subclasses of C25	IB: Relates to combinations SE: convert to note ? US agrees with SE that a note in all C25 subclasses might be more useful than a reference

Reference to	Category	Proposed action	Comments/Questions
C23F 17/00	Informative	Remove and include in definitions of all subclasses of C25	IB: Relates to combinations SE: convert to note ? US agrees with SE that a note in all C25 subclasses might be more useful than a reference

Reference to	Category	Proposed action	Comments/Questions
C30B	Informative	Remove, include in definitions of C25C	SE: is limiting (see C30B 71/2, 9/14) ? Move to title of C25C ? US: include also in definition of C25B ? US agrees with the SE proposal.

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 91E C01 [Project-Rapporteur : M035/IB <WG21>
]

CL M Titre INORGANIC CHEMISTRY

ANNEXE C01 [Projet-Rapporteur : M035/IB] <WG21>
91F [Tr.:]

CL M Titre CHIMIE INORGANIQUE

ANNEX 92E C02 [Project-Rapporteur : M035/IB <WG21>
]

CL M Titre TREATMENT OF WATER, WASTE WATER, SEWAGE, OR
SLUDGE

ANNEXE C02 [Projet-Rapporteur : M035/IB] <WG21>
92F [Tr.:]

CL M Titre TRAITEMENT DE L'EAU, DES EAUX RÉSIDUAIRES, DES
EAUX OU BOUES D'ÉGOUT

ANNEX 93E C02F [Project-Rapporteur : M035/IB <WG21>
]

CL M Titre TREATMENT OF WATER, WASTE WATER, SEWAGE, OR
SLUDGE (settling tanks, filter devices **B01D**; special arrangements on waterborne vessels of
installations for treating water, waste water or sewage, e.g. for producing fresh water, **B63J**;
adding materials to water to prevent corrosion **C23F**; treating radioactively-contaminated
liquids **G21F 9/04**)

ANNEXE C02F [**Projet-Rapporteur : M035/IB**] <WG21>
93F [Tr.:]

CL M Titre **TRAITEMENT DE L'EAU, DES EAUX RÉSIDUAIRES, DES EAUX OU BOUES D'ÉGOUT** (réservoirs de décantation, dispositifs de filtration **B01D**; aménagements relatifs aux installations pour le traitement de l'eau, des eaux usées ou des eaux d'égout sur les navires, p.ex. pour produire de l'eau douce, **B63J**; addition à l'eau de substances pour empêcher la corrosion **C23F**; traitement des liquides contaminés par la radioactivité **G21F 9/04**)

ANNEX 94E C04 [**Project-Rapporteur : M035/IB**] <WG21>
]

CL M Titre **CEMENTS; CONCRETE; ARTIFICIAL STONE; CERAMICS;**
REFRACTORIES

ANNEXE C04 [**Projet-Rapporteur : M035/IB**] <WG21>
94F [Tr.:]

CL M Titre **CIMENTS; BÉTON; PIERRE ARTIFICIELLE; CÉRAMIQUES;**
RÉFRACTAIRES

ANNEX 95E C04B [**Project-Rapporteur : M035/IB**] <WG21>
]

CL M Titre **LIME; MAGNESIA; SLAG; CEMENTS; COMPOSITIONS THEREOF, e.g. MORTARS, CONCRETE OR LIKE BUILDING MATERIALS; ARTIFICIAL STONE; CERAMICS** (devitrified glass-ceramics **C03C 10/00**) ; **REFRACTORIES** (alloys based on refractory metals **C22C**) ; **TREATMENT OF NATURAL STONE**

ANNEXE C04B [Projet-Rapporteur : M035/IB] <WG21>
95F [Tr.:]

CL M Titre CHAUX; MAGNÉSIE; SCORIES; CIMENTS; LEURS
COMPOSITIONS, p.ex. MORTIERS, BÉTON OU MATÉRIAUX DE CONSTRUCTION
SIMILAIRES; PIERRE ARTIFICIELLE; CÉRAMIQUES (vitrocéramiques dévitrifiées C03C
10/00) ; RÉFRACTAIRES (alliages à base de métaux réfractaires C22C) ; TRAITEMENT DE
LA PIERRE NATURELLE

ANNEX 96E C05 [Project-Rapporteur : M035/IB <WG21>
]

CL M Titre FERTILISERS; MANUFACTURE THEREOF

ANNEXE C05 [Projet-Rapporteur : M035/IB] <WG21>
96F [Tr.:]

CL M Titre ENGRAIS; LEUR FABRICATION

ANNEX 97E C07 [Project-Rapporteur : M035/IB <WG21>
]

CL M Titre ORGANIC CHEMISTRY

ANNEXE C07 [Projet-Rapporteur : M035/IB] <WG21>
97F [Tr.:]

CL M Titre CHIMIE ORGANIQUE

ANNEX 98E C08 [**Project-Rapporteur : M035/IB <WG21>**
]

CL M Title **ORGANIC MACROMOLECULAR COMPOUNDS; THEIR
PREPARATION OR CHEMICAL WORKING-UP; COMPOSITIONS BASED THEREON**

ANNEXE C08 [**Projet-Rapporteur : M035/IB] <WG21>**
98F [Tr.:]

CL M Titre **COMPOSÉS MACROMOLÉCULAIRES ORGANIQUES; LEUR
PRÉPARATION OU LEUR MISE EN UVRE CHIMIQUE; COMPOSITIONS À BASE DE
COMPOSÉS MACROMOLÉCULAIRES**

ANNEX 99E C11 [**Project-Rapporteur : M035/IB <WG21>**
]

CL M Title **ANIMAL OR VEGETABLE OILS, FATS, FATTY
SUBSTANCES OR WAXES; FATTY ACIDS THEREFROM; DETERGENTS; CANDLES**

ANNEXE C11 [**Projet-Rapporteur : M035/IB] <WG21>**
99F [Tr.:]

CL M Titre **HUILES, GRAISSES, MATIÈRES GRASSES OU CIRES
ANIMALES OU VÉGÉTALES; LEURS ACIDES GRAS; DÉTERGENTS; BOUGIES**

ANNEX 100E C13 [**Project-Rapporteur : M035/IB <WG21>**
]

CL M Title **SUGAR INDUSTRY**

ANNEXE C13 [**Projet-Rapporteur : M035/IB**] <WG21>
100F [Tr.:]

CL M Titre **INDUSTRIE DU SUCRE**

ANNEX 101E C13B [**Project-Rapporteur : M035/IB** <WG21>
]

CL N Title **PRODUCTION OF SUCROSE; APPARATUS SPECIALLY ADAPTED THEREFOR** (malt **C12C**; fermentation or enzyme-using processes for preparing compounds containing saccharide radicals **C12P 19/00**)
As new, no French title for the time being.

ANNEX 102E C13K [**Project-Rapporteur : M035/IB** <WG21>
]

CL M Titre **GLUCOSE; INVERT SUGAR; LACTOSE; MALTOSÉ; SYNTHESIS OF SUGARS BY HYDROLYSIS OF DI- OR POLYSACCHARIDES** (carbohydrate syrups in foods or foodstuffs **A23L 1/09**; chemical synthesis other than by hydrolysis of di- or polysaccharides **C07H**; malt **C12C**; fermentation or enzyme-using processes **C12P 19/00**)

ANNEXE C13K [**Projet-Rapporteur : M035/IB**] <WG21>
102F [Tr.:]

CL M Titre **GLUCOSE; SUCRE INVERTI; LACTOSE; MALTOSÉ; SYNTHÈSE DES SUCRES PAR HYDROLYSE DES DI- OU POLYSACCHARIDES** (sirops d'hydrates de carbone dans les aliments ou les produits alimentaires **A23L 1/09**; synthèse chimique autrement que par l'hydrolyse des di- ou polysaccharides **C07H**; du malt **C12C**; procédés de fermentation ou procédés utilisant des enzymes **C12P 19/00**)

ANNEX 103E C22 [Project-Rapporteur : M035/IB <WG21>
]

CL M Titre **METALLURGY; FERROUS OR NON-FERROUS ALLOYS;
TREATMENT OF ALLOYS OR NON-FERROUS METALS**

ANNEXE C22 [Projet-Rapporteur : M035/IB] <WG21>
103F [Tr.:]

CL M Titre **MÉTALLURGIE; ALLIAGES FERREUX OU NON FERREUX;
TRAITEMENT DES ALLIAGES OU DES MÉTAUX NON FERREUX**

ANNEX 104E C22F [Project-Rapporteur : M035/IB <WG21>
]

CL M Titre **CHANGING THE PHYSICAL STRUCTURE OF NON-
FERROUS METALS OR NON-FERROUS ALLOYS** (general methods or devices for heat
treatment of ferrous or non-ferrous metals or alloys **C21D**; surface treatment of metallic
material involving at least one process provided for in class **C23** and at least one process
covered by this subclass **C23F 17/00**)

ANNEXE C22F [Projet-Rapporteur : M035/IB] <WG21>
104F [Tr.:]

CL M Titre **MODIFICATION DE LA STRUCTURE PHYSIQUE DES
MÉTAUX OU ALLIAGES NON FERREUX** (méthodes ou dispositifs généraux pour le
traitement thermique des métaux ferreux ou non ferreux ou des alliages **C21D**; traitement de
surface de matériaux métalliques utilisant au moins un procédé couvert par la classe **C23** et
au moins un procédé couvert par la présente sous-classe, **C23F 17/00**)

ANNEX 105E C23 [Project-Rapporteur : M035/IB <WG21>
]

CL M Title COATING METALLIC MATERIAL; COATING MATERIAL WITH METALLIC MATERIAL; CHEMICAL SURFACE TREATMENT; DIFFUSION TREATMENT OF METALLIC MATERIAL; COATING BY VACUUM EVAPORATION, BY SPUTTERING, BY ION IMPLANTATION OR BY CHEMICAL VAPOUR DEPOSITION, IN GENERAL; INHIBITING CORROSION OF METALLIC MATERIAL OR INCRUSTATION IN GENERAL

ANNEXE C23 [Projet-Rapporteur : M035/IB] <WG21>
105F [Tr.:]

CL M Titre REVÊTEMENT DE MATÉRIAUX MÉTALLIQUES; REVÊTEMENT DE MATÉRIAUX AVEC DES MATÉRIAUX MÉTALLIQUES; TRAITEMENT CHIMIQUE DE SURFACE; TRAITEMENT DE DIFFUSION DE MATÉRIAUX MÉTALLIQUES; REVÊTEMENT PAR ÉVAPORATION SOUS VIDE, PAR PULVÉRISATION CATHODIQUE, PAR IMPLANTATION D'IONS OU PAR DÉPÔT CHIMIQUE EN PHASE VAPEUR, EN GÉNÉRAL; MOYENS POUR EMPÊCHER LA CORROSION DES MATÉRIAUX MÉTALLIQUES, L'ENTARTRAGE OU LES INCRUSTATIONS, EN GÉNÉRAL

ANNEX 106E C23C [Project-Rapporteur : M035/IB <WG21>
]

CL M Title COATING METALLIC MATERIAL; COATING MATERIAL WITH METALLIC MATERIAL; SURFACE TREATMENT OF METALLIC MATERIAL BY DIFFUSION INTO THE SURFACE, BY CHEMICAL CONVERSION OR SUBSTITUTION; COATING BY VACUUM EVAPORATION, BY SPUTTERING, BY ION IMPLANTATION OR BY CHEMICAL VAPOUR DEPOSITION, IN GENERAL (applying liquids or other fluent materials to surfaces in general **B05**; making metal-coated products by extrusion **B21C 23/22**; covering with metal by connecting pre-existing layers to articles, see the relevant places, e.g. **B21D 39/00**, **B23K**; working of metal by the action of a high concentration of electric current on a workpiece using an electrode **B23H**; metallising of glass **C03C**; metallising mortars, concrete, artificial stone, ceramics or natural stone **C04B 41/00**; paints, varnishes, lacquers **C09D**; enamelling of, or applying a vitreous layer to, metals **C23D**; inhibiting corrosion of metallic material or incrustation in general **C23F**; single-crystal film growth **C30B**; by metallising textiles **D06M 11/83**; decorating textiles by locally metallising **D06Q 1/04**; details of scanning-probe apparatus, in general **G12B 21/00**; manufacture of semiconductor devices **H01L**; manufacture of printed circuits **H05K**)

ANNEXE C23C [Projet-Rapporteur : M035/IB] <WG21>
106F [Tr.:]

CL M Titre **REVÊTEMENT DE MATÉRIAUX MÉTALLIQUES; REVÊTEMENT DE MATÉRIAUX AVEC DES MATÉRIAUX MÉTALLIQUES; TRAITEMENT DE SURFACE DE MATÉRIAUX MÉTALLIQUES PAR DIFFUSION DANS LA SURFACE, PAR CONVERSION CHIMIQUE OU SUBSTITUTION; REVÊTEMENT PAR ÉVAPORATION SOUS VIDE, PAR PULVÉRISATION CATHODIQUE, PAR IMPLANTATION D'IONS OU PAR DÉPÔT CHIMIQUE EN PHASE VAPEUR, EN GÉNÉRAL** (application de liquides ou d'autres matériaux fluides sur les surfaces, en général **B05**; fabrication de produits revêtus de métal par extrusion **B21C 23/22**; revêtement métallique par liaison d'objets avec des couches préexistantes, voir les classes appropriées, p.ex. **B21D 39/00**, **B23K**; usinage du métal par action d'une forte concentration de courant électrique sur un objet au moyen d'une électrode **B23H**; métallisation du verre **C03C**; métallisation des mortiers, du béton, de la pierre artificielle, des céramiques ou de la pierre naturelle **C04B 41/00**; peintures, vernis, laques **C09D**; émaillage ou glaçage des métaux **C23D**; moyens pour empêcher la corrosion des matériaux métalliques, l'entartrage ou les incrustations, en général **C23F**; croissance de couches monocristallines **C30B**; par métallisation des textiles **D06M 11/83**; décoration des textiles par métallisation locale **D06Q 1/04**; détails d'appareils à sonde à balayage, en général **G12B 21/00**; fabrication de dispositifs semi-conducteurs **H01L**; fabrication de circuits imprimés **H05K**)

ANNEX 107E C25 [Project-Rapporteur : M035/IB <WG21>
]

CL M Titre **ELECTROLYTIC OR ELECTROPHORETIC PROCESSES; APPARATUS THEREFOR**

ANNEXE C25 [Projet-Rapporteur : M035/IB] <WG21>
107F [Tr.:]

CL M Titre **PROCÉDÉS ÉLECTROLYTIQUES OU ÉLECTROPHORÉTIQUES; APPAREILLAGES À CET EFFET**

JAPAN PATENT OFFICE

August 27, 2009

Project: M035

Subclass:

JP Comment

JP thanks IB for the list of Removal of Informative References from Class Titles for classes for chemistry in this new project M035. JP would like to comment on the following entries therein.

1. Class: C01

1-1)

Ref. to	Category	Proposed action	Comments/Questions
C12P 3/00	Informative	Move to definitions of C01B, C	JP: place in C01D, F, G as well ? SE: is limiting ? US: is considered limiting in approved definition C01B,C, G. Move to all subclass titles of C01?

JP would reiterate that the scope of "elements and inorganic compounds except carbon dioxide" is not limited to C01B and C01C. JP believes that this reference should be added to the definitions of subclasses C01D, C01F and C01G too in addition to C01B, C.

1-2)

Ref. to	Category	Proposed action	Comments/Questions
C25B	Limiting	Move to subclass C01B	US: is considered limiting in approved definitions C01B, C, G. Move to subclass titles C01B, C, D ,F, G?

JP would reiterate that the scope of "non-metallic elements or inorganic compounds" is not limited to C01B. JP believes that this reference should be added to the title of subclasses C01C, C01D, C01F and C01G too in addition to C01B.

2. Class: C22

Reference to	Category	Proposed action	Comments/Questions
C21	Limiting	Remove	IB: Is evident, C21 comes immediately before C22 SE: Should the first part of the title of class C22 be modified to "Non-ferrous metallurgy" ? US: include in title of C22B ?

The SE proposal would be out of the scope for discussion in this project. JP would not consider it necessary to retain this reference in the title of subclass C22B. JP thus supports IB proposal and believes that this reference could simply be removed.

3. Class: C25

3-1)

Ref. to	Category	Proposed action	Comments/Questions
C02F 1/46	Sp. adaptation / Limiting	Move to C25F	JP: place in all subclass definitions ? SE: is informative ?

As the technology of C02F 1/46 is covered by the title of Class C25, the reference thereto should be considered of limiting nature. Consequently, it is necessary to list this reference to C02F 1/46 in the definitions of every and all subclasses in Class C25.

3-2)

Ref. to	Category	Proposed action	Comments/Questions
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B23H	Informative	Remove	
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In Annex 47 in Project M032, JP proposed to move this reference to the definitions of C25D, but this was a mistake for C25F. Although the transfer of this reference from C25 to C25D was already decided at the IPC/WG21, JP would wish that the correction be made to C25F.

[END]

Principal Directorate Patent Grant Automation - Directorate Classification		
Project: M035	Subject:	IPC Subclass
Removal of Informative references from Class titles/chemical		18-9-2009

The opinion of the EPO is mentioned in the Comments and sometimes under the specific classes for some references not mentioned in the rapporteur proposal .

Class: C01

Reference to	Category	Proposed action	Comments/Questions
C04B35/00	Informative		Move to definitions of all subclasses

Reference to	Category	Proposed action	Comments/Questions
C12P 3/00	Informative	Move to definitions of C01B,C	EP considers the reference limiting and it should move to all subclass titles of C01

Reference to	Category	Proposed action	Comments/Questions
C21B	Informative	Move to definitions of C01D,F,G	EP agrees with the proposed action of the rapporteur

Reference to	Category	Proposed action	Comments/Questions
C22B	Informative	Move to definitions of C01D,F,G	EP agrees with the proposed action of the rapporteur

Reference to	Category	Proposed action	Comments/Questions
C25B	Limiting	Move to subclass C01B	EP considers also the reference limiting and it should move to all subclass titles of C01

Class: C02

Reference to	Category	Proposed action	Comments/Questions
<u>B01D</u>	Limiting	Remove as a reference already exists in subclass C02F; better to modify the reference in C02F as: --- (<i>settling tanks and filter devices</i> B01D; special arrangements on ---	EP agrees with the proposed action with a small change concerning the modification of the reference in C02F as : separation, settling tanks, filter devices B01D; special arrangements on...

Class: C07

Reference to	Category	Proposed action	Comments/Questions
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C08	Limiting	Remove	IB: C08 follows immediately, it's use is evident See project M 714 EP: no decision here but in M 714
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Reference to	Category	Proposed action	Comments/Questions
C09	Limiting	Remove	IB: C09 follows immediately, it's use is evident SE: is application type ? move to definitions ? WG: Could the reference be more specific ? EP: the reference should be more specific to dyes, and then be moved to definition. If the reference is addressed to C09, then it should mirror the one to C08, as it is an application place of C08 in some places.

Reference to	Category	Proposed action	Comments/Questions
C12	Informative	Remove	IB: see the note and reference in C12P SE: is limiting? move to C07B ? EP: agree with removal

Reference to	Category	Proposed action	Comments/Questions
C12P	Informative	Remove	IB: see the note and reference in C12P JP: is limiting? convert to note or move to all C07 subclasses (see proposal in Annex 47) ? SE: is limiting? move to C07B ? EP: agree with removal

Reference to	Category	Proposed action	Comments/Questions
C25B 3/00	Limiting	Remove	IB: is already in C07C JP: convert to note (see proposal in Annex 47) or move to all C07 subclasses ? EP: agree with JP and US to remove to C07 subclasses

Reference to	Category	Proposed action	Comments/Questions
C25B 7/00	Limiting	Remove	IB: is already in C07C JP: convert to note (see proposal in Annex 47) or move to all C07 subclasses ? EP: agree with JP and US to remove to C07 subclasses

Class: C22

Reference to	Category	Proposed action	Comments/Questions
C21	Limiting	Remove	EP agrees with the US to

			include the reference in the title of C22B
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Reference to	Category	Proposed action	Comments/Questions
C21D	Limiting	Move to C22F	EP agrees with the move to C22F with the wording of the reference of C21D in C22 : "general methods or devices for heat treatment of ferrous or non-ferrous metals or alloys C21D"

Reference to	Category	Proposed action	Comments/Questions
C25	Limiting	Remove	EP agrees with SE by replacing the wording of C25 in C22B by the one existing in C22.

Class: C23

EP agrees with the move of references D06M11/83, D06Q1/04 to C23C and the removal of H01C17/06.

Reference to	Category	Proposed action	Comments/Questions
C25D	Limiting	Move to C23F	EP agrees with SE that the reference should also moved to C23C because of the subclass C23C18.

Reference to	Category	Proposed action	Comments/Questions
C25F	Limiting	Move to C23F	EP thinks the reference should also move to C23C because of the subclass C23C18

Class: C25

EP considers that references H01M, B01D are informative and should move to the definition layer of C25B. The reference B23H is also considered as informative and should move to the definition layer of C25F.

Reference to	Category	Proposed action	Comments/Questions
C02F 1/46	Special adaptation / Limiting	Move to C25F	EP is of the opinion that the reference should move to C25B

Reference to	Category	Proposed action	Comments/Questions
C23C 28/00	Informative	Remove and include in definitions of all subclasses of C25	EP agrees

Reference to	Category	Proposed action	Comments/Questions
C23F 17/00	Informative	Remove and include in definitions of all subclasses of	EP agrees

		C25	
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Reference to	Category	Proposed action	Comments/Questions
C23F	Limiting	Move to C25D	EP agrees that the reference is limiting and should move to all subclasses of C25

Reference to	Category	Proposed action	Comments/Questions
C30B	Informative	Remove, include in definitions of C25C	EP considers as limiting and it should move to subclass C25D, C25C

Reference to	Category	Proposed action	Comments/Questions
D06M 11/83	Informative	Remove, include in definitions of C25D	EP agrees

Reference to	Category	Proposed action	Comments/Questions
D06Q 1/04	Informative	Remove, include in definitions of C25D	EP agrees

Reference to	Category	Proposed action	Comments/Questions
G01N	Informative	Remove, include in definitions of C25F	EP considers the reference as limiting and it should move to the subclass title of C25B

Reference to	Category	Proposed action	Comments/Questions
G01R	Informative Limiting	Remove	EP considers the reference as limiting and it should move to the subclass title of C25B, C25C

Reference to	Category	Proposed action	Comments/Questions
H01G	Informative	Remove	EP considers the reference as limiting and it should move to the subclass title of C25D

Class: C30

Reference to	Category	Proposed action	Comments/Questions
B01D 9/00	application	Remove	EP would like to see the reference in the definition layer

DEUTSCHES PATENT- UND MARKENAMT German Patent and Trade Mark Office	Class/Subcl.:
	Date: 25 th September 2009
DE - Comments — M035	

Re: Annex 1

Please see DE-comments added in **blue/bold** to the list of annex 1.

Ralf Littger

Class: C01

Reference to	Category	Proposed action	Comments/Questions
C12P 3/00	Informative	Move to definitions of C01B,C	JP: place in C01D,F,G as well ? SE: is limiting ? US: is considered limiting in approved definition C01B,C, G. Move to all subclass titles of C01? DE: Is limiting, e.g. production of hydrogen; Agree with US - move to the subclass titles of C01B, C, D, F, G.

Reference to	Category	Proposed action	Comments/Questions
C21B	Informative	Move to definitions of C01D,F,G	US: is considered limiting in approved definition C01G. Move to subclass titles C01G? DE: Is limiting; Agree with US - move to subclass title of C01G.

Reference to	Category	Proposed action	Comments/Questions
C22B	Informative	Move to definitions of C01D,F,G	US: is considered limiting in approved definition C01G. Move to subclass titles C01G,D,F? DE: Is limiting; Agree with US - move to subclass titles of C01D, F, G.

Reference to	Category	Proposed action	Comments/Questions
C25B	Limiting	Move to subclass C01B	US: is considered limiting in approved definitions C01B,C,G. Move to subclass titles C01B,C,D,F,G? DE: Is limiting, e.g. production of sodium hydroxide; Agree with US - move to the subclass titles of C01B, C, D, F, G.

Class: C02

Reference to	Category	Proposed action	Comments/Questions
<u>B01D</u>	Limiting	Remove as a reference already exists in subclass C02F; better to modify the reference in C02F as: --- (<i>settling tanks and</i>	DE: Agree with IB.

		<i>filter devices</i> B01D; special arrangements on ---	
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Class: C07

Reference to	Category	Proposed action	Comments/Questions
C08	Limiting	Remove	IB: C08 follows immediately, it's use is evident See project M 714 DE: Agree with conversion to note.

Reference to	Category	Proposed action	Comments/Questions
C09	Limiting	Remove	IB: C09 follows immediately, it's use is evident SE: is application type ? move to definitions ? WG: Could the reference be more specific ? DE: In our opinion, the reference is limiting. A reference "organic dyes C09B" could be placed in the subclass titles of C07C, D, F, G.

Reference to	Category	Proposed action	Comments/Questions
C12	Informative	Remove	IB: see the note and reference in C12P SE: is limiting? move to C07B ? DE: Remove.

Reference to	Category	Proposed action	Comments/Questions
C12P	Informative	Remove	IB: see the note and reference in C12P JP: is limiting? convert to note or move to all C07 subclasses (see proposal in Annex 47) ? SE: is limiting? move to C07B ? DE: Agree with JP. Should be converted to a note, as proposed in Annex 47 of M032)

Reference to	Category	Proposed action	Comments/Questions
C25B 3/00	Limiting	Remove	IB: is already in C07C JP: convert to note (see proposal in Annex 47) or move to all C07 subclasses ? DE: Agree with JP. Should be converted to a note, as proposed in Annex 47 of M032)

Reference to	Category	Proposed action	Comments/Questions
C25B 7/00	Limiting	Remove	IB: is already in C07C JP: convert to note (see proposal in Annex 47) or move to all C07 subclasses ? DE: Agree with JP. Should be converted to a note, as proposed in Annex 47 of M032)

Class: C22

Reference to	Category	Proposed action	Comments/Questions
C21	Limiting	Remove	IB: Is evident, C21 comes immediately before C22 SE: Should the first part of the title of class C22

			be modified to “Non-ferrous metallurgy” ? US: include in title of C22B ? DE: Agree with US – the reference “metallurgy of iron C21” should be moved to the title of C22B.
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Reference to	Category	Proposed action	Comments/Questions
C25	Limiting	Remove	IB: See reference in C22B SE: Should the reference to C25 in C22B be replaced with the one in C22 ? DE: Agree with SE.

Class: C23

Reference to	Category	Proposed action	Comments/Questions
C25D	Limiting	Move to C23F	IB: Is associated with title part that relates to C23F SE: Should also be moved to C23C ? DE: The reference to C25D could be moved as “coating of metals by electrolysis or electrophoresis C25D” to the title of C23C. The reference to C25F is already in the appropriate C23F-title.

Class: C25

Reference to	Category	Proposed action	Comments/Questions
C02F 1/46	Special adaptation / Limiting	Move to C25F	JP: place in all subclass definitions ? SE: is informative ? DE: Place as informative reference in all subclass definitions of C25.

Reference to	Category	Proposed action	Comments/Questions
C23C 28/00	Informative	Remove and include in definitions of all subclasses of C25	IB: Relates to combinations SE: convert to note ? DE: Agree with SE. A proposal for a note replacing this and the following reference could be: “Multi-step processes for surface treatment of metallic material involving at least one process provided for in class C23 and at least one process covered by class C25 are classified in C23F 17/00. In relation to this coating for obtaining at least two superposed coatings by combinations of methods provided for in subclasses C23C and C25C or C25D is classified with precedence in C23C 28/00”

Reference to	Category	Proposed action	Comments/Questions
C23F 17/00	Informative	Remove and include in definitions of all subclasses of C25	IB: Relates to combinations SE: convert to note ? DE: Agree with SE. For a proposal for a note see previous reference.

Reference to	Category	Proposed action	Comments/Questions
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C23F	Limiting	Move to C25D	SE: is informative ? US: could be more specific (C23F 13/00) ? DE: Seems to be informative for all subclasses of C25. Agree with US.
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Reference to	Category	Proposed action	Comments/Questions
C30B	Informative	Remove, include in definitions of C25C	SE: is limiting (see C30B 71/2, 9/14) ? Move to title of C25C ? US: include also in definition of C25B ? DE: Could be moved as “Single-crystal growth by electrolysis C30B” to the subclass titles of C25B, C, D.

Reference to	Category	Proposed action	Comments/Questions
D06M 11/83	Informative	Remove, include in definitions of C25D	SE: is application type ? DE: Application-type. Place in definition of C25D.

Reference to	Category	Proposed action	Comments/Questions
D06Q 1/04	Informative	Remove, include in definitions of C25D	SE: is application type ? DE: Application-type. Place in definition of C25D (Is already in the title of C25D – remove here too ?).

Reference to	Category	Proposed action	Comments/Questions
G01N	Informative	Remove, include in definitions of C25F	US: to be placed in all subclass definitions of C25 ? DE: Informative; agree with US.

Class: C30

Reference to	Category	Proposed action	Comments/Questions
B01D 9/00	application	Remove	SE: is informative ? DE: Move as informative reference to the definition of C30B.

WIPO – International Bureau

M035 – CONSOLIDATED PROPOSALS

REMOVAL OF INFORMATIVE REFERENCES FROM CLASS TITLES

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 3, comments were invited on all the questions reflected in Annex 1 to project M 035.

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

Class: C01

Reference to	Category	Proposed action	Comments/Questions
C04B35/00 WG/21 approved	Informative	<i>Move to definitions of all subclasses</i>	

Reference to	Category	Proposed action	Comments/Questions
C12P 3/00	Limiting	<i>Move to subclass titles of C01B, C, D, F, G</i>	

Reference to	Category	Proposed action	Comments/Questions
C21B	Limiting	<i>Move to subclass title of C01G</i>	

Reference to	Category	Proposed action	Comments/Questions
C22B	Limiting	<i>Move to subclass title of C01G</i>	

Reference to	Category	Proposed action	Comments/Questions
C25B	Limiting	<i>Move to subclass titles of C01B, C, D, F, G</i>	

Class: C02

Reference to	Category	Proposed action	Comments/Questions
B01D	Limiting	<i>Remove as a reference already exists in subclass</i>	

WG/21 approved		<i>C02F; better to modify the reference in C02F as: --- (separation, settling tanks or filter devices B01D; special arrangements on ---</i>	
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Class: C07

Reference to	Category	Proposed action	Comments/Questions
C08	Limiting	<i>Remove (to be discussed in project M 714)</i>	

Reference to	Category	Proposed action	Comments/Questions
C09	Limiting	<i>Remove and put in C09B subclass definitions, refined to "organic dyes C09B"</i>	

Reference to	Category	Proposed action	Comments/Questions
C12	Informative	<i>Remove</i>	

Reference to	Category	Proposed action	Comments/Questions
C12P	Informative	<i>Remove and add in new Note 1 after C07 (see project M 714?)</i>	

Reference to	Category	Proposed action	Comments/Questions
C25B 3/00	Limiting	<i>Remove and add in new Note 1 after C07? (see project M 714)</i>	

Reference to	Category	Proposed action	Comments/Questions
C25B 7/00	Limiting	<i>Remove and add in new Note 1 after C07? (see project M 714)</i>	

Class: C22

Reference to	Category	Proposed action	Comments/Questions
C21	Limiting	<i>Remove and add to the title of C22B</i>	

Reference to	Category	Proposed action	Comments/Questions
C21D IPC/WG/21 approved	Limiting	<i>Move to C22F</i>	

Reference to	Category	Proposed action	Comments/Questions
C25	Limiting	<i>Remove and replace the ref. to C25 in C22B by:</i>	

		<i>“production of metals by electrolysis or electrophoresis C25”</i>	
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Class: C23

Reference to	Category	Proposed action	Comments/Questions
C25D	Limiting	<i>Move to C23C, F</i>	

Reference to	Category	Proposed action	Comments/Questions
C25F IPC/WG/21 approved	Limiting	<i>Move to C23C (ref. to C25F already in C23F)</i>	

Class: C25

Reference to	Category	Proposed action	Comments/Questions
B23H WG/21 approved	Informative	<i>Remove and move to definition of C25<u>F</u></i>	

Reference to	Category	Proposed action	Comments/Questions
C02F 1/46	Special adaptation / Limiting	<i>Move to C25F and include note 2 after C25 in definitions of all subclasses of C25</i>	

Reference to	Category	Proposed action	Comments/Questions
C23C 28/00	Informative	<i>Remove and include in definitions of all subclasses of C25 SE, US and DE agree to create a note, new M project ?</i>	

Reference to	Category	Proposed action	Comments/Questions
C23F 17/00	Informative	<i>Remove and include in definitions of all subclasses of C25 SE, US and DE agree to create a note, new M project</i>	

Reference to	Category	Proposed action	Comments/Questions
C23F	Limiting	<i>Move to C25B, C,D, F</i>	

Reference to	Category	Proposed action	Comments/Questions
C30B	Limiting	<i>Move to subclasses C25C, C25D</i>	

Reference to	Category	Proposed action	Comments/Questions
D06M 11/83	Special adaptation	<i>Remove, include in definitions of C25D</i>	

Reference to	Category	Proposed action	Comments/Questions
D06Q 1/04	Limiting	<i>Remove and include in definitions of C25D; Remove also from subclass title C25D</i>	

Reference to	Category	Proposed action	Comments/Questions
G01N	Informative	<i>Remove and include in definitions of C25B, C, D, F</i>	

Reference to	Category	Proposed action	Comments/Questions
G01R <i>IPC/WG/21 approved</i>	Limiting	<i>Move to C25C,D</i>	

Reference to	Category	Proposed action	Comments/Questions
H01G <i>IPC/WG/21 approved</i>	Limiting	<i>Move to C25D</i>	

Class: C30

Reference to	Category	Proposed action	Comments/Questions
B01D 9/00	Application	<i>Remove and put in C30B definitions</i>	

United States Patent and Trademark Office	
IPC Revision Working Group	
Topic: M035 – Removal of Informative References from Class Titles/Chemical	Date: November 18, 2009

US supports the Rapporteur proposal of Annex 7 except for one issue under Class C01.

We agree the reference to C22B which is listed in the title of C01 is limiting, but think it should be included in not only the subclass title of C01G but also the subclass titles of C01D and C01F, as well as all of the definitions for these subclasses (US comments of M032 Annex 49). However, we can agree to whatever the RWG decides.

JAPAN PATENT OFFICE

November 26, 2009

Project: C443,D212,D213,M035	Subject: Subclass titles of C13B and C13K
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Comment

JP deems it necessary to draw the attention of colleagues to the fact that the titles of subclasses C13B and C13K have not been used in unanimous wordings depending on each of the projects of C443, D212, D213 and M032 (M035). JP has prepared table summarizing the part of history of each project involving the varied titles. In that table, following font colours are used with meanings explained below.

Green : subclass titles in the current IPC

Red : subclass titles approved at the WG20 in the course of Project C443

Blue : subclass titles amended and approved at the WG21 in the course of Project C443

As can be seen in the table, the title of subclass C13B has been approved with amended title (printed in blue) in each project of D212 and M032 (M035). However, title of C13K was approved either with the title before amended (printed in red) or with the current IPC title (printed in green) depending on the project D213 or M032 (M035).

In the circumstances, JP considers that the subclass titles of C13B and C13K appearing in projects D213 and M032 (M035), including their French version, should be corrected to the ones that were amended and approved in the course of Project C443 (printed in blue).

C443			D212		D213		M032(M035)				
current	C13B	C13K	current	C13B	current	C13K	current	C13B	C13K		
		GLUCOSE; INVERT SUGAR; LACTOSE; MALTOSE; SYNTHESIS OF SUGARS BY HYDROLYSIS OF DI- OR POLYSACCHARIDES (carbohydrate syrups in foods or foodstuffs A23L 1/09; chemical synthesis other than by hydrolysis of di- or polysaccharides C07H; fermentation or enzyme-using processes C12P 19/00)				GLUCOSE; INVERT SUGAR; LACTOSE; MALTOSE; SYNTHESIS OF SUGARS BY HYDROLYSIS OF DI- OR POLYSACCHARIDES (carbohydrate syrups in foods or foodstuffs A23L 1/09; chemical synthesis other than by hydrolysis of di- or polysaccharides C07H; fermentation or enzyme-using processes C12P 19/00)				GLUCOSE; INVERT SUGAR; LACTOSE; MALTOSE; SYNTHESIS OF SUGARS BY HYDROLYSIS OF DI- OR POLYSACCHARIDES (carbohydrate syrups in foods or foodstuffs A23L 1/09; chemical synthesis other than by hydrolysis of di- or polysaccharides C07H; fermentation or enzyme-using processes C12P 19/00)	
							#45(M032) IB proposal REMOVAL OF INFORMATIVE REFERENCES FROM THE SCHEME (08/05/09)	Class: C13			
								Refere nce to	Category	Proposed action	Comm
								C07H	Limiting	Move to subclass C13B, C13K	See C
								C08B	Limiting	Move to subclass C13B, C13K	
								C12C	Limiting	Move to subclass C13B, C13K	
#22 Working Group decision of IPC/WG/19 (08/06/28)	PRODUCTION OF SUGARS; APPARATUS SPECIALLY ADAPTED THEREFOR (fermentation or enzyme-using processes for preparing compounds containing saccharide radicals C12P 19/00)	OBTAINING SACCHARIDES FROM NATURAL SOURCES OR BY HYDROLYSIS OF NATURALLY OCCURRING DI-, OLIGO- OR POLYSACCHARIDES (fermentation or enzyme-using processes for preparing compounds containing saccharide radicals C12P 19/00)									
	(comment) Two new definition projects D 212 and D 213 for subclasses C13B and C13K were created with Germany as Rapporteur.										
			#1 DE initial proposal (08/09/10)	PRODUCTION OF SUGARS; APPARATUS SPECIALLY ADAPTED THEREFOR	#1 DE initial proposal (08/09/09)	OBTAINING SACCHARIDES FROM NATURAL SOURCES OR BY HYDROLYSIS OF NATURALLY-OCCURRING DI-, OLIGO- OR POLYSACCHARIDES					
				(comment) The working title for the project D212 will be adapted once agreement has been achieved on the title in project C443.		(comment) The working title for the project D213 will be adapted once agreement has been achieved on the title in project C443.					
#31 Working Group decision of IPC/WG/20 (09/01/08)	PRODUCTION OF SUCROSE; APPARATUS SPECIALLY ADAPTED THEREFOR (fermentation or enzyme-using processes for preparing compounds containing saccharide radicals C12P 19/00)	SACCHARIDES, OTHER THAN SUCROSE, OBTAINED FROM NATURAL SOURCES OR BY HYDROLYSIS OF NATURALLY OCCURRING DI-, OLIGO- OR POLYSACCHARIDES (fermentation or enzyme-using processes for preparing compounds containing saccharide radicals C12P 19/00)									
	(comment) It was decided to amend the titles of subclasses C13B and C13K.										
			#7 JP comment (09/05/21)	JP thinks that the attention should be given to the amendment of the subclass title in C443.							
			#10 English version by Editorial Board (09/09/01)	PRODUCTION OF SUCROSE; APPARATUS SPECIALLY ADAPTED THEREFOR	#10 English version by Editorial Board (09/09/01)	OBTAINING SACCHARIDES FROM NATURAL SOURCES OR BY HYDROLYSIS OF NATURALLY-OCCURRING DI-, OLIGO- OR POLYSACCHARIDES	#3(M035) Working Group decision of IPC/WG/21 (09/08/25)	PRODUCTION OF SUCROSE; APPARATUS SPECIALLY ADAPTED THEREFOR (malt: C12C; fermentation or enzyme-using processes for preparing compounds containing saccharide radicals C12P 19/00)		GLUCOSE; INVERT SUGAR; LACTOSE; MALTOSE; SYNTHESIS OF SUGARS BY HYDROLYSIS OF DI- OR POLYSACCHARIDES (carbohydrate syrups in foods or foodstuffs A23L 1/09; chemical synthesis other than by hydrolysis of di- or polysaccharides C07H; fermentation or enzyme-using processes C12P 19/00)	
					#13 CA comment (09/10/14)	CA would like the title found in Annex 31 of C443 (below) to be considered as a new title for C13K					
			#11 proposal of French version form FR (09/10/28)	Production de saccharose; Appareils spécialement adaptés à la production de saccharose	#14 proposal of French version from FR (09/10/29)	Glucose; Sucre inverti Lactose; Synthèse de sucres par hydrolyse de di- ou polysaccharides					

Japan Patent Office

November 26, 2009

Project: M035

Classes for Chemical

Comment

JP thanks IB for the posting of Consolidated Proposals as Annex 7. JP would like to add the following comments and request.

Paragraph 1, below, is a request for confirmation about the type of reference called “Special Adaptation” in the IB proposal. Paragraph 2 is JP comments on two entries in the IB table. Paragraph 3 is JP observation of the task under M033 - M038 projects.

1. “Special Adaptation / Limiting” and “Special Adaptation / Informative”

References

- There are appearing “Special Adaptation / Limiting” category of References in the IB proposal (e.g. C25 in this Project M035 or F01 in Project M033). Is it correct to understand that they are equivalent to “Limiting” references?
- There are appearing “Special Adaptation / Informative” category of References in the IB proposal (e.g. G06 in Project M034). Is it correct to understand that they are equivalent to “Special Adaptation”?

2. JP opinion on the tables of references in the schemes for classes

(1)

Class: C07

Reference to	Category	Proposed action	JP Comments/Questions
C12P	Informative	<i>Remove and add in new Note 1 after C07 (see project M 714?)</i>	Although JP agrees with “Proposed action”, JP believes that “Category” should be Limiting.

(2)

Class: C13

Reference to	Category	Proposed action	Comments
C12C	Limiting	Move to subclass C13B, C13K	(Please see below.)

JP Comments/Questions;

In connection with the removal of references from class titles, it was decided at the WG21 to move the reference from C13 to C12C to the ones from C13B and C13K to C12C (Technical Annex 101E and 102E attached to the Working Group decision in Annex 3 of the project file of M035).

However, while C13B covers the techniques related to “Production of sucrose”, the subject sugar of C12C is normally interpreted as maltose. Consequently, the reference from C13B to C12C is apparently an Informative one, which should be removed from the scheme.

(3)

Class: C22

Reference to	Category	Proposed action	JP Comments/Questions
C21	Limiting	<i>Remove and add to the title of C22B</i>	(Please see below.)

JP Comments/Questions;

While C22 and C22B deals with the metallurgy in general, C21 is specialized in the metallurgy of iron. Among the technology for metallurgy in general, those that are used only for the manufacture of iron should be covered by C21 so that JP agrees that the reference from C22 to C21 has one aspect of the Limiting. However, C22 also covers the techniques that can be utilized for both metallurgy of iron as well as for metallurgy of non-ferrous metals, e.g. sintering of ferrous ores or remelting metals. This point is apparent when reviewing the reference to “preliminary treatment of ferrous ores or scrap C22B 1/00” after the title of subclass C21B, or the reference to “remelting ferrous metals C22B” after the title of main group C21C 7/00. With respect to such techniques for multiple use, the classification should be given in C21 if it is specially adopted for the metallurgy of iron and, if that is not the case, the classification should be given in C22. As such, **the reference from C22 to C21 is regarded as the one from general place to application-oriented place.**

In this context, JP agrees with the proposal to remove the reference to C21 from the class title of C22, but, **JP would oppose to the idea of adding the reference to C21 after the title of C22B.**

JP also opposes to the SE proposal to amend the class title of C22 as “Non-ferrous metallurgy” since it is obvious that C22 covers those techniques that can be utilized for the production of iron too as was mentioned above.

3. JP Observation of the task under M033-M038

JP would like to reiterate the argument made in Annex 43 in the project file of M032 in that, in many cases, IB proposals are not accompanied by the reason why certain Category and Proposed action were selected. That makes it difficult to conduct discussion with persuasive arguments and makes the background or reasons for the decision ambiguous even when the conclusion was reached. It would not make much sense in claiming the content of proposals only. It is hoped that each office would supplementary disclose the reason for the adoption of certain opinion.

[END]



IPC/M 038
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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 :
		C

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	31.08.2009
3	Comments	Observations	JP	13.10.2009
4	Comments	Observations	IB	13.10.2009
5	Comments	Observations	US	14.10.2009
6	Comments	Observations	EP	14.10.2009
7	Rapporteur proposal	Proposition du rapporteur	IB	17.11.2009
8	Comments	Observations	US	18.11.2009

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.

Proposal by the International Bureau

Project M 038 was created for removal of non-limiting references from the scheme for subclasses with completed definitions for chemistry (see IPC/WG/21/2, paragraphs 19 to 24).

The following proposal was prepared by the Rapporteur after the WG/21, this 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: C01B Project: D 112

Place	Reference to	Category	Proposed action	Comments
C01B 3/00	B01D	Informative (R)	Delete from the scheme and move to group definitions	
C01B 3/00	C10J	Informative (R)	Delete from the scheme and move to group definitions	
C01B 3/00	C10K	Informative (R)	Delete from the scheme and move to group definitions	
C01B 3/06	C25B 1/04	Limiting (D)/(R)	None	
C01B 3/22	C10B 55/00	Informative (R)	Delete from the scheme and move to group definitions	
C01B 4/00	B01D 59/00	Informative (R)	Delete from the scheme and move to group definitions	
C01B 4/00	C01	Informative (R)	Delete from the scheme	
C01B 6/00	C01B 35/00	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR
C01B 7/00	C01B 11/00	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR
C01B 9/00	C01B-C01G	Informative (R)	Delete from the scheme	No need to add it in group definitions because

				of LPR (see Note 1 after C01)
C01B 9/00	C25B	Informative (R)	Delete from the scheme and move to group definitions	
C01B 13/02	F25J	Informative (R)	Delete from the scheme and move to group definitions	
C01B 13/14	C01B-C01G	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 13/14	C25B	Informative (R)	Delete from the scheme and move to group definitions	
C01B 17/20	C01C	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 17/20	C01F	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 17/20	C01G	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 17/62	C01B-C01G	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 17/96	C01B-C01G	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 17/98	C01B 15/06	Informative (R)	Delete from the scheme and move to group definitions	
C01B 17/98	C01B 15/08	Informative (R)	Delete from the scheme and move to group definitions	
C01B 19/00	C01B 25/14	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR
C01B 21/02	C01B 3/04	Limiting (R)	None	
C01B 21/04	F25J	Informative (R)	Delete from the scheme and move to group definitions	
C01B 21/06	C01B 21/08	Informative (R)	Delete from the scheme	No need to add it in group

				definitions because of LPR
C01B 21/48	C01B-C01G	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 23/00	F25J	Informative (R)	Delete from the scheme and move to group definitions	
C01B 25/00	C01B 15/16	Limiting (R)	None	
C01B 25/16	C01B 15/00	Limiting (R)	None	
C01B 25/234	C01B 25/22	Limiting (R)	None	
C01B 25/234	C01B 25/46	Limiting (R)	None	Could be removed from the scheme, because of the LPR?
C01B 25/26	C01B 15/16	Limiting (R)	None	
C01B 25/46	B01D 11/00	Informative (R)	Delete from the scheme and move to group definitions	
C01B 31/00	C01B 15/10	Limiting (R)	None	
C01B 31/00	C09C 1/48	Limiting (R)	None	
C01B 31/00	C10B	Informative (R)	Delete from the scheme and move to group definitions	
C01B 31/02	B01J 3/06	Informative (R)	Delete from the scheme and move to group definitions	
C01B 31/02	C30B	Limiting (R)	None	
C01B 31/14	B01J 2/00	Informative (R)	Delete from the scheme and move to group definitions	
C01B 31/18	C01G	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 31/24	C01B 15/10	Limiting (R)	None	
C01B 31/24	C01B-C01G	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 31/30	C22	Informative (R)	Delete from the scheme and move to group definitions (point to subclass C22C)	
C01B 33/00	C01B 15/14	Limiting (R)	None	
C01B 33/00	C01B 31/36	Limiting (R)	None	
C01B 33/02	C30B	Limiting (R)	None	
C01B 33/021	C23C 16/00	Limiting (R)	None	
C01B 33/037	C30B 13/00	Limiting (R)	None	
C01B 33/06	C22	Informative (R)	Delete from the scheme and move to group definitions (point to subclass C22C)	

C01B 33/146	C01B 33/145	Limiting (R)	None	It could be considered to remove it from the scheme, as the referenced group it points to is just above it.
C01B 33/18	C01B 33/158	Informative (R)	Delete from the scheme and move to group definitions	
C01B 33/18	C09C	Limiting (R)	None	
C01B 33/20	C01B 15/14	Limiting (R)	None	
C01B 33/36	B01J 49/00	Informative (R)	Delete from the scheme and move to group definitions	
C01B 33/46	C01B 39/00	Informative (R)	Delete from the scheme	No need to add it in group definitions because of LPR
C01B 35/00	C01B 6/00	Limiting (R)	None	
C01B 35/00	C01B 15/12	Limiting (R)	None	
C01B 35/00	C01B 21/06	Limiting (R)	None	
C01B 35/00	C01B 25/08	Limiting (R)	None	
C01B 35/00	C01B 31/36	Limiting (R)	None	
C01B 35/00	C22	Informative (R)	Delete from the scheme and move to group definitions (point to subclass C22C)	
C01B 35/18	C01B 35/14	Limiting (R)?	None	We are not sure about the nature of these references?
C01B 39/00	B01J 20/10	Limiting (R)?	None	
C01B 39/00	B01J 29/04	Limiting (R)?	None	
C01B 39/00	B01J 39/14	Limiting (R)?	None	
C01B 39/00	B01J 49/00	Limiting (R)?	None	
C01B 39/00	C11D 3/12	Special adaptation /Limiting(R)	None	

Subclass: C01C Project: D 113

Place	Reference to	Category	Proposed action	Comments
C01C	C01B 11/00	Limiting (D)/(R)	None	
C01C	C01B 15/00	Limiting (D)/(R)	None	
C01C	C01B 17/64	Limiting (D)/(R)	None	
C01C	C01B 19/00	Limiting (D)/(R)	None	
C01C	C01B 21/08	Limiting (D)/(R)	None	
C01C	C01B 21/092	Limiting (D)/(R)	None	
C01C	C01B 21/50	Limiting (D)/(R)	None	
C01C	C01B 25/08	Limiting (D)/(R)	None	
C01C	C01B 25/16	Limiting (D)/(R)	None	
C01C	C01B 33/00	Limiting (D)/(R)	None	
C01C	C01B 35/00	Limiting (D)/(R)	None	
C01C 1/04	C01B 3/02	Limiting (D)/(R)	None	
C01C 3/16	C07C 279/28	Informative(D)/(R)	Delete from the scheme and move to group definitions	

Subclass: C01G Project: D 114

Place	Reference to	Category	Proposed action	Comments
C01G	C01B 6/00	Limiting (D)/(R)	None	
C01G	C01B 11/00	Limiting (D)/(R)	None	
C01G	C01B 15/00	Limiting (D)/(R)	None	
C01G	C01B 17/64	Limiting (D)/(R)	None	
C01G	C01B 19/00	Limiting (D)/(R)	None	
C01G	C01B 21/06	Limiting (D)/(R)	None	
C01G	C01B 21/08	Limiting (D)/(R)	None	
C01G	C01B 21/092	Limiting (D)/(R)	None	
C01G	C01B 21/50	Limiting (D)/(R)	None	
C01G	C01B 25/08	Limiting (D)/(R)	None	
C01G	C01B 25/16	Limiting (D)/(R)	None	
C01G	C01B 31/30	Limiting (D)/(R)	None	
C01G	C01B 33/00	Limiting (D)/(R)	None	
C01G	C01B 35/00	Limiting (D)/(R)	None	
C01G	C01B 37/00	Limiting (D)/(R)	None	
C01G	C01B 39/00	Limiting (D)/(R)	None	
C01G	C01C 3/08	Limiting (D)/(R)	None	
C01G	C01C 3/14	Limiting (D)/(R)	None	
C01G	C01C 3/16	Limiting (D)/(R)	None	
C01G	C01C 3/20	Limiting (D)/(R)	None	
C01G 1/00	C25B 1/00	Limiting (D)/(R)	None	

Subclass: C02F Project: D 099

Place	Reference to	Category	Proposed action	Comments
C02F	A62D 3/00	Limiting (D)/(R)	Should be added in the scheme.	
C02F	B01D	Limiting(D)/ Informative(R)	Delete from the scheme and move to subclass definitions with a title "separation in general B01D"	
C02F	B63J	Limiting (D)/(R)	None	
C02F	C23F	Limiting (D)/(R)	None	
C02F	G21F 9/04	Limiting (D)/(R)	None	
C02F 1/02	F22B	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 1/02	F22D	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 1/20	B01D 19/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 1/20	F22D	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 1/28	C02F 1/42	Limiting (R)	None	
C02F 1/28	B01J	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 1/40	E02B 15/04	Limiting (D)/(R)	None	
C02F 1/40	E02B 15/14	Limiting (D)/(R)	None	

C02F 1/40	E03F 5/16	Informative (R)	Delete from the scheme and move to group definitions	
C02F 1/42	B01J	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 1/58	C02F 1/42	Limiting (R)	None	
C02F 1/58	C02F 5/00	Limiting (R)	None	
C02F 1/66	C02F 1/20	Limiting (R)	None	
C02F 1/66	C02F 1/42	Limiting (R)	None	
C02F 1/66	C02F 1/52	Limiting (R)	None	
C02F 1/66	C02F 1/58	Limiting (R)	None	
C02F 1/68	A61K	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 1/74	C02F 7/00			
C02F 3/10	B01J 19/30	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 3/10	B01J 19/32	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 5/00	C02F 1/42	Limiting (R)	None	
C02F 11/06	F23G 7/04	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C02F 11/18	C02F 11/10	Limiting (R)	None	

Subclass: C06B Project: D 088

Place	Reference to	Category	Proposed action	Comments
C06B	F42D	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C06B	C01	Informative (R)	Delete from the scheme and move to group definitions	
C06B	C07	Informative (R)	Delete from the scheme and move to group definitions	
C06B	C08	Informative (R)	Delete from the scheme and move to group definitions	
C06B 45/00	F42B 1/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C06B 45/00	F42D 3/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C06B 45/18	C06B 45/04	Limiting (R)	None	
C06B 45/18	F42B	Informative(D)/(R)	Delete from the scheme and move to group definitions	

Subclass: C07B Project: D 096

Place	Reference to	Category	Proposed action	Comments
C07B	C07C 67/47	Limiting (D)/(R)	None	
C07B	C08F	Limiting (D)/(R)	A reference to C08G should also be added.	
C07B 63/00	C07B 57/00	Limiting (R)	None	

Subclass: C07D Project: D 056

Place	Reference to	Category	Proposed action	Comments
C07D 201/16	C01	Informative (R)	Delete from the scheme	
C07D 211/20	C07D 211/30	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 211/56	C07D 211/38	Limiting (R)	None	
C07D 213/28	C07D 213/44	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 213/36	C07D 213/26	Limiting (R)	None	
C07D 213/42	C07D 213/26	Limiting (R)	None	
C07D 213/72	C07D 213/61	Limiting (R)	None	
C07D 213/76	C07D 213/61	Limiting (R)	None	
C07D 215/20	C09B 25/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C07D 215/38	C07D 215/18	Limiting (R)	None	
C07D 219/08	C09B 15/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C07D 221/08	C07D 219/00	Informative (R)	Delete from the scheme	No need to add to group definitions because of 221/00 main group title.
C07D 223/06	C07D 223/04	Limiting (R)	None	
C07D 231/38	C07D 231/16	Limiting (R)	None	
C07D 233/62	C09B 11/26	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C07D 233/88	C07D 233/91	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 235/14	C07D 235/10	Limiting (R)	None	
C07D 237/20	C07D 237/12	Limiting (R)	None	
C07D 239/42	C07D 239/30	Limiting (R)	None	
C07D 239/42	C07D 239/69	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 239/46	C07D 239/69	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 241/20	C07D 241/16	Limiting (R)	None	
C07D 251/64	C08G	Limiting (D)/(R)	None	
C07D 277/50	C07D 277/58	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 295/10	C07D 295/16	Limiting (R)	None	Could be moved to

				group definitions because of LPR?
C07D 295/12	C07D 295/06	Limiting (R)	None	
C07D 301/22	C07D 301/04	Limiting (R)	None	
C07D 301/27	C08	Limiting (D)/(R)	None	
C07D 303/10	C07J	Informative (R)?	Could be removed from the scheme anyway, as LPR applies among C07C-C07K!	We are not sure about the nature of these references?
C07D 303/36	C07D 303/08	Limiting (R)	None	
C07D 307/42	C07D 307/46	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 307/66	C07D 307/70	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 311/18	C07D 311/42	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 317/28	C07D 317/16	Limiting (R)	None	
C07D 317/58	C07D 317/52	Limiting (R)	None	
C07D 333/20	C07D 333/12	Limiting (R)	None	
C07D 333/36	C07D 333/42	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 457/00	C07D 519/02	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 461/00	C07D 519/04	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 463/02	C12P 17/18	Limiting (R)	None	
C07D 471/04	C07D 463/00	Informative (R)	Delete from the scheme	No need to add to group definitions because of 471/00 main group title.
C07D 477/02	C12P 17/18	Limiting (D)/(R)	None	
C07D 487/04	C07D 477/00	Informative (R)	Delete from the scheme	No need to add to group definitions because of 487/00 main group title.
C07D 491/14	C07D 455/03	Informative (R)	Delete from the scheme	No need to add to group definitions because of 491/00 main group title.
C07D 491/18	C07D 451/00	Informative (R)	Delete from the scheme	No need to add to group definitions because of 491/00 main group title.
C07D 498/00	C07D 503/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 498/00	C07D 505/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07D 498/00	C07D 507/00	Limiting (R)	None	Could be moved to

				group definitions because of LPR?
C07D 499/06	C12P 37/00	Limiting (D)/(R)	None	
C07D 501/08	C12P 35/00	Limiting (D)/(R)	None	
C07D 503/02	C12P 17/18	Limiting (D)/(R)	None	

Subclass: C07H Project: D 097

Place	Reference to	Category	Proposed action	Comments
C07H	C07C	Limiting (D)/(R)	None	
C07H	C07D	Limiting (D)/(R)	None	
C07H	C07C 59/105	Limiting (D)/(R)	None	
C07H	C07C 59/285	Limiting (D)/(R)	None	
C07H	C07C 255/16	Limiting (D)/(R)	None	
C07H	C07D	Limiting (D)/(R)	None	
C07H	C07G	Limiting (D)/(R)	None	
C07H	C08B	Limiting (D)/(R)	None	
C07H	C12N 15/00	Limiting (D)/(R)	None	
C07H 3/00	C13	Limiting (D)/(R)	None	
C07H 3/00	C13	Limiting (D)/(R)	None	
C07H 3/08	C07D	Limiting (D)/(R)	None	
C07H 11/00	C07H 5/02	Limiting (R)	None	
C07H 11/00	C07H 5/08	Limiting (R)	None	
C07H 11/00	C07H 13/12	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07H 11/04	C07H 13/00	Informative (R)	Delete from the scheme and add to group definitions	
C07H 15/08	C07C 41/00	Informative (R)	Delete from the scheme and add to group definitions	
C07H 15/08	C07C 43/00	Informative (R)	Delete from the scheme and add to group definitions	
C07H 15/24	C07J	Informative (R)?	Could be removed from the scheme anyway, as LPR applies among C07C-C07K!	We are not sure about the nature of these references?
C07H 19/207	C07H 21/02	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07H 23/00	C07H 11/00	Informative (R)	Delete from the scheme and add to group definitions	

Subclass: C07J Project: D 037

Place	Reference to	Category	Proposed action	Comments
C07J	C07C	Limiting (D)/(R)	None	
C07J 17/00	C07J 19/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07J 71/00	C07J 21/00	Limiting (R)	None	Could be moved to

				group definitions because of LPR?
C07J 71/00	C07J 33/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C07J 71/00	C07J 43/00	Limiting (R)	None	Could be moved to group definitions because of LPR?

Subclass: C08F Project: D 090

Place	Reference to	Category	Proposed action	Comments
C08F	C10G 50/00	Limiting (D)/(R)	None	
C08F	C12P	Limiting (D)/(R)	Should be added in the scheme.	
C08F	D06M 14/00	Limiting (D)/(R)	None	
C08F 4/00	B01J	Informative(D)/(R)	Delete from the scheme and move to group definitions	
C08F 6/00	C08C	Limiting (R)	None	
C08F 6/02	C08F 2/42	Limiting (R)	None	
C08F 8/00	C08F 251/00- C08F 299/00	Limiting (R)	None	
C08F 8/00	C08C	Limiting (R)	None	
C08F 8/00	C08J	Informative (R)	Delete from the scheme and add to group definitions	
C08F 8/30	C08G	Informative (R)	Delete from the scheme and add to group definitions	
C08F 24/00	C08F 18/00	Limiting (R)	None	
C08F 24/00	C08F 20/00	Limiting (R)	None	
C08F 24/00	C08F 22/00	Limiting (R)	None	
C08F 32/08	C08F 244/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C08F 34/00	C08F 18/00	Limiting (R)	None	
C08F 34/00	C08F 22/00	Limiting (R)	None	
C08F 34/02	C08F 244/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C08F 124/00	C08F 118/00	Limiting (R)	None	
C08F 124/00	C08F 120/00	Limiting (R)	None	
C08F 124/00	C08F 122/00	Limiting (R)	None	
C08F 134/00	C08F 118/00	Limiting (R)	None	
C08F 134/00	C08F 122/00	Limiting (R)	None	
C08F 220/62	C08F 242/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C08F 224/00	C08F 218/00	Limiting (R)	None	
C08F 224/00	C08F 220/00	Limiting (R)	None	
C08F 224/00	C08F 222/00	Limiting (R)	None	
C08F 232/08	C08F 244/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C08F 234/00	C08F 218/00	Limiting (R)	None	

C08F 234/00	C08F 222/00	Limiting (R)	None	
C08F 234/02	C08F 244/00	Limiting (R)	None	Could be moved to group definitions because of LPR?
C08F 291/18	C08F 291/10	Limiting (R)	None	
C08F 293/00	C08F 290/02	Limiting (R)	None	
C08F 299/00	C08F 251/00- C08F 291/00	Informative (R)	Delete from the scheme and add to group definitions	
C08F 299/00	C08G 81/00	Informative (R)	Delete from the scheme and add to group definitions	

JAPAN PATENT OFFICE

October 13 , 2009

Project: M038

Subclass: C07D, H, J

Comment

JP thanks IB for the posting of a list of entries in subclasses with completed definitions for chemistry of which removal of non-limiting references should be addressed. After having perused the IB list, JP is desirous of submitting different opinion from the IB proposal in respect of below-listed entries in C07D, C07H and C07J. JP opinion is indicated in each of the relevant column after "JP:" in red ink.

With respect to those entries in these three subclasses where IB made comment that the last place priority rule (LPR) was applicable, JP agrees with the IB opinion that they are all Limiting references. Furthermore, JP considers that it would be more prudent to retain these references in the scheme without discriminating them from other Limiting references for the purpose of minimizing the possible occurrence of classification errors.

Subclass: C07D**Project: D 056**

Place	Reference to	Category	Proposed action	Comments
C07D 211/20	C07D 211/30	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 213/28	C07D 213/44	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 233/88	C07D 233/91	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 239/42	C07D 239/69	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 239/46	C07D 239/69	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 277/50	C07D 277/58	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 295/10	C07D 295/16	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 307/42	C07D 307/46	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 307/66	C07D 307/70	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 311/18	C07D 311/42	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.

C07D 333/36	C07D 333/42	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 457/00	C07D 519/02	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 461/00	C07D 519/04	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 498/00	C07D 503/00	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 498/00	C07D 505/00	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07D 498/00	C07D 507/00	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.

Subclass: C07H

Project: D 097

Place	Reference to	Category	Proposed action	Comments
C07H 11/00	C07H 13/12	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07H 19/207	C07H 21/02	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07H 23/00	C07H 11/00	Informative (R) JP: Limiting	Delete from the scheme and add to group definitions JP: None	JP: This is a Limiting reference aiming at clearly indicating that even “compounds containing boron, silicon, or a metal” must be classified in C07H 11/00 when they are “esters of inorganic acids.” Being an “indication to the contrary” to usual LPR ones, this reference should definitely be retained in the scheme.

Subclass: C07J

Project: D 037

Place	Reference to	Category	Propose	Comments
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			d action	
C07J 17/00	C07J 19/00	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07J 71/00	C07J 21/00	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07J 71/00	C07J 33/00	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in the scheme.
C07J 71/00	C07J 43/00	Limiting (R)	None	Could be moved to group definitions because of LPR? JP: Should be retained in 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.

United States Patent and Trademark Office	
IPC Revision Working Group	
Topic: M038 – Removal of non-limiting references from chemical subclasses	Date: October 13, 2009

US appreciates the work done by the International Bureau in order to compile Annex 2 of M038.

The IB raised a point for consideration:

- 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?

US believes they should be considered case by case.

US agrees with most of the recommendations made by the IB except for the following:

Subclass: C01B Project: D 112

Place	Reference to	Category	Proposed action	Comments
C01B 9/00	C25B	Informative (R)	Delete from the scheme and move to group definitions	USPTO: Reference should stay in scheme. Perhaps it should be changed to C25B 1/00. This reference should also go in the scheme title of C01B.
C01B 17/98	C01B 15/06	Informative (R)	Delete from the scheme and move to group definitions	USPTO: Believe this reference should stay in scheme
C01B 17/98	C01B 15/08	Informative (R)	Delete from the scheme and move to group definitions	USPTO: Believe this reference should stay in scheme
C01B 33/146	C01B 33/145	Limiting (R)	None	It could be considered to

				remove it from the scheme, as the referenced group it points to is just above it. USPTO: Believe it should stay in scheme.
C01B 39/00	B01J 20/10	Limiting (R)?	None	USPTO: Since B01 is a "general" class these reference would appear to be informative and could be moved to the definitions
C01B 39/00	B01J 29/04	Limiting (R)?	None	
C01B 39/00	B01J 39/14	Limiting (R)?	None	
C01B 39/00	B01J 49/00	Limiting (R)?	None	

Subclass: C02F Project: D 099

Place	Reference to	Category	Proposed action	Comments
C02F 1/40	E02B 15/04	Limiting (D)/(R)	None	USPTO: this reference should be E03F 5/14, and we agree with proposed action
C02F 1/74	C02F 7/00			USPTO: Believe this is limiting reference

Subclass: C06B Project: D 088

Place	Reference to	Category	Proposed action	Comments
C06B	F42D	Informative(D)/(R)	Delete from the scheme and move to group definitions	USPTO: This is limiting in the definition. Should stay in the scheme. We also wonder if F42B should be added to the C06B subclass title in the scheme.
C06B 45/00	F42B 1/00	Informative(D)/(R)	Delete from the scheme and move to	USPTO: F42B is limiting in the

			group definitions	definition. Should stay in the scheme.
C06B 45/00	F42D 3/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	USPTO: This reference should be F42B rather than F42D. F42B is limiting in the definition. Should stay in scheme.
C06B 45/18	F42B	Informative(D)/(R)	Delete from the scheme and move to group definitions	USPTO: F 42B is limiting in the definition. Should stay in the scheme.

Subclass: C07D Project: D 056

C07D 223/06	C07D 223/04	Limiting (R)	None	USPTO: This reference seems informative. If not perhaps it needs to be worded more clearly?
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Subclass: C07H Project: D 097

Place	Reference to	Category	Proposed action	Comments
C07H 3/00	C13	Limiting (D)/(R)	None	USPTO: Agree but perhaps this reference should be pointing to the more specific subclass C13K.
C07H 3/00	C13	Limiting (D)/(R)	None	USPTO: Agree but perhaps this reference should be pointing to the more specific subclass C13K.
C07H 15/24	C07J	Informative (R)?	Could be removed from the scheme	We are not sure about the nature of

			anyway, as LPR applies among C07C-C07K!	these references? USPTO: Agree with removal, but should be in a definition if not already.
C07H 23/00	C07H 11/00	Informative (R)	Delete from the scheme and add to group definitions	USPTO: Believe reference is limiting and should stay in scheme.

Subclass: C07J

Project: D 037

Place	Reference to	Category	Proposed action	Comments
C07J 71/00	C07J 21/00	Limiting (R)	None	Could be moved to group definitions because of LPR? USPTO: Should stay in scheme
C07J 71/00	C07J 33/00	Limiting (R)	None	Could be moved to group definitions because of LPR? USPTO: Should stay in scheme
C07J 71/00	C07J 43/00	Limiting (R)	None	Could be moved to group definitions because of LPR? USPTO: Should stay in scheme

Principal Directorate Patent Grant Automation - Directorate Classification		
Project: M038	Subject:	IPC Subclass
Removal of Informative references from Class titles/chemical		13-10-2009

The opinion of the EPO is mentioned in the Comments.

Subclass: C01B Project: D 112

Place	Reference to	Category	Proposed action	Comments
C01B 3/00	B01D	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 3/00	C10J	Informative (R)	Delete from the scheme and move to group definitions	EP doesn't agree , it's a limitative reference
C01B 3/00	C10K	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 3/06	C25B 1/04	Limiting (D)/(R)	None	EP agrees
C01B 3/22	C10B 55/00	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 4/00	B01D 59/00	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 4/00	C01	Informative (R)	Delete from the scheme	EP agrees
C01B 6/00	C01B 35/00	Informative (R)	Delete from the scheme	EP agrees
C01B 7/00	C01B 11/00	Informative (R)	Delete from the scheme	EP agrees
C01B 9/00	C01B-C01G	Informative (R)	Delete from the scheme	EP doesn't agree as the reference concern particular compounds and the subgroup deal with methods only
C01B 9/00	C25B	Informative (R)	Delete from the scheme and move to group definitions	EP doesn't agree for the same reason as above
C01B 13/02	F25J	Informative (R)	Delete from the scheme and move to group definitions	EP doesn't agree because all process including liquefaction are classified in F25J (limiting reference)
C01B 13/14	C01B-C01G	Informative (R)	Delete from the scheme	EP doesn't agree as the reference concern particular

				compounds and the subgroup deal with methods only
C01B 13/14	C25B	Informative (R)	Delete from the scheme and move to group definitions	EP doesn't agree for the same reason as above
C01B 17/20	C01C	Informative (R)	Delete from the scheme	EP doesn't agree for the same reason as above
C01B 17/20	C01F	Informative (R)	Delete from the scheme	EP doesn't agree for the same reason as above
C01B 17/20	C01G	Informative (R)	Delete from the scheme	EP doesn't agree for the same reason as above
C01B 17/62	C01B-C01G	Informative (R)	Delete from the scheme	EP doesn't agree for the same reason as above
C01B 17/96	C01B-C01G	Informative (R)	Delete from the scheme	EP doesn't agree for the same reason as above
C01B 17/98	C01B 15/06	Informative (R)	Delete from the scheme and move to group definitions	EP doesn't not agree since the last appropriate place rule is applicable in C01
C01B 17/98	C01B 15/08	Informative (R)	Delete from the scheme and move to group definitions	EP doesn't not agree since the last appropriate place rule is applicable in C01
C01B 19/00	C01B 25/14	Informative (R)	Delete from the scheme	EP agrees
C01B 21/02	C01B 3/04	Limiting (R)	None	EP agrees
C01B 21/04	F25J	Informative (R)	Delete from the scheme and move to group definitions	EP doesn't agree because all process including liquefaction are classified in F25J (limiting reference)
C01B 21/06	C01B 21/08	Informative (R)	Delete from the scheme	EP doesn't agree as azides are binary compounds, therefore the reference is limitative
C01B 21/48	C01B-C01G	Informative (R)	Delete from the scheme	EP doesn't agree as the reference concern particular compounds and the subgroup deal with methods only
C01B 23/00	F25J	Informative (R)	Delete from the scheme and move to	EP doesn't agree because all

			group definitions	process including liquefaction are classified in F25J (limiting reference)
C01B 25/00	C01B 15/16	Limiting (R)	None	EP agrees
C01B 25/16	C01B 15/00	Limiting (R)	None	EP agrees
C01B 25/234	C01B 25/22	Limiting (R)	None	EP agrees
C01B 25/234	C01B 25/46	Limiting (R)	None	EP agrees with keeping the reference
C01B 25/26	C01B 15/16	Limiting (R)	None	EP agrees
C01B 25/46	B01D 11/00	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 31/00	C01B 15/10	Limiting (R)	None	EP agrees
C01B 31/00	C09C 1/48	Limiting (R)	None	EP agrees
C01B 31/00	C10B	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 31/02	B01J 3/06	Informative (R)	Delete from the scheme and move to group definitions	EP considers the reference as limitative
C01B 31/02	C30B	Limiting (R)	None	EP agrees
C01B 31/14	B01J 2/00	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 31/18	C01G	Informative (R)	Delete from the scheme	EP agrees
C01B 31/24	C01B 15/10	Limiting (R)	None	EP agrees
C01B 31/24	C01B-C01G	Informative (R)	Delete from the scheme	EP doesn't agree as the reference concern particular compounds and the subgroup deal with methods only
C01B 31/30	C22	Informative (R)	Delete from the scheme and move to group definitions (point to subclass C22C)	EP agrees
C01B 33/00	C01B 15/14	Limiting (R)	None	EP agrees
C01B 33/00	C01B 31/36	Limiting (R)	None	EP agrees
C01B 33/02	C30B	Limiting (R)	None	EP agrees
C01B 33/021	C23C 16/00	Limiting (R)	None	EP agrees
C01B 33/037	C30B 13/00	Limiting (R)	None	EP agrees
C01B 33/06	C22	Informative (R)	Delete from the scheme and move to group definitions (point to subclass C22C)	EP agrees
C01B 33/146	C01B 33/145	Limiting (R)	None	EP agrees with limiting reference, then no action
C01B 33/18	C01B 33/158	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 33/18	C09C	Limiting (R)	None	EP agrees

C01B 33/20	C01B 15/14	Limiting (R)	None	EP agrees
C01B 33/36	B01J 49/00	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C01B 33/46	C01B 39/00	Informative (R)	Delete from the scheme	EP agrees
C01B 35/00	C01B 6/00	Limiting (R)	None	EP agrees
C01B 35/00	C01B 15/12	Limiting (R)	None	EP agrees
C01B 35/00	C01B 21/06	Limiting (R)	None	EP agrees
C01B 35/00	C01B 25/08	Limiting (R)	None	EP agrees
C01B 35/00	C01B 31/36	Limiting (R)	None	EP agrees
C01B 35/00	C22	Informative (R)	Delete from the scheme and move to group definitions (point to subclass C22C)	EP agrees
C01B 35/18	C01B 35/14	Limiting (R)?	None	The reference was in the version IPC 2008.04. EP considers as limitative
C01B 39/00	B01J 20/10	Limiting (R)?	None	EP agrees
C01B 39/00	B01J 29/04	Limiting (R)?	None	EP agrees
C01B 39/00	B01J 39/14	Limiting (R)?	None	EP agrees
C01B 39/00	B01J 49/00	Limiting (R)?	None	EP considers the reference as informative
C01B 39/00	C11D 3/12	Special adaptation /Limiting(R)	None	EP considers the reference as informative

Subclass: C02F Project: D 099

Place	Reference to	Category	Proposed action	Comments
C02F	A62D 3/00	Limiting (D)/(R)	Should be added in the scheme.	EP agrees
C02F	B01D	Limiting(D)/ Informative(R)	Delete from the scheme and move to subclass definitions with a title "separation in general B01D"	EP doesn't agree, the reference is limitative and should be kept as proposed in the project M035
C02F	B63J	Limiting (D)/(R)	None	EP agrees
C02F	C23F	Limiting (D)/(R)	None	EP agrees
C02F	G21F 9/04	Limiting (D)/(R)	None	EP agrees
C02F 1/02	F22B	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C02F 1/02	F22D	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C02F 1/20	B01D 19/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C02F 1/20	F22D	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C02F 1/28	C02F 1/42	Limiting (R)	None	EP agrees

C02F 1/28	B01J	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP doesn't agree and considers the reference as limitative
C02F 1/40	E02B 15/04	Limiting (D)/(R)	None	EP agrees
C02F 1/40	E02B 15/14	Limiting (D)/(R)	None	EP agrees
C02F 1/40	E03F 5/16	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C02F 1/42	B01J	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP doesn't agree and considers the reference as limitative
C02F 1/58	C02F 1/42	Limiting (R)	None	EP agrees
C02F 1/58	C02F 5/00	Limiting (R)	None	EP agrees
C02F 1/66	C02F 1/20	Limiting (R)	None	EP agrees
C02F 1/66	C02F 1/42	Limiting (R)	None	EP agrees
C02F 1/66	C02F 1/52	Limiting (R)	None	EP agrees
C02F 1/66	C02F 1/58	Limiting (R)	None	EP agrees
C02F 1/68	A61K	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C02F 1/74	C02F 7/00			EP considers as limitative reference
C02F 3/10	B01J 19/30	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C02F 3/10	B01J 19/32	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C02F 5/00	C02F 1/42	Limiting (R)	None	EP agrees
C02F 11/06	F23G 7/04	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C02F 11/18	C02F 11/10	Limiting (R)	None	EP agrees

Subclass: C06B Project: D 088

Place	Reference to	Category	Proposed action	Comments
C06B	F42D	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP doesn't agree , the reference is limitative as mentioned in the project
C06B	C01	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C06B	C07	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C06B	C08	Informative (R)	Delete from the scheme and move to group definitions	EP agrees
C06B 45/00	F42B 1/00	Informative(D)/(R)	Delete from the scheme and move to	EP agrees

			group definitions	
C06B 45/00	F42D 3/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C06B 45/18	C06B 45/04	Limiting (R)	None	EP agrees
C06B 45/18	F42B	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP doesn't agree , the reference is limitative as mentioned in the project

Subclass: C07B Project: D 096

Place	Reference to	Category	Proposed action	Comments
C07B	C07C 67/47	Limiting (D)/(R)	None	EP agrees
C07B	C08F	Limiting (D)/(R)	A reference to C08G should also be added.	EP agrees
C07B 63/00	C07B 57/00	Limiting (R)	None	EP agrees

Subclass: C07D Project: D 056

Place	Reference to	Category	Proposed action	Comments
C07D 201/16	C01	Informative (R)	Delete from the scheme	EP agrees
C07D 211/20	C07D 211/30	Limiting (R)	None	EP agrees
C07D 211/56	C07D 211/38	Limiting (R)	None	EP agrees
C07D 213/28	C07D 213/44	Limiting (R)	None	EP agrees
C07D 213/36	C07D 213/26	Limiting (R)	None	EP agrees
C07D 213/42	C07D 213/26	Limiting (R)	None	EP agrees
C07D 213/72	C07D 213/61	Limiting (R)	None	EP agrees
C07D 213/76	C07D 213/61	Limiting (R)	None	EP agrees
C07D 215/20	C09B 25/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C07D 215/38	C07D 215/18	Limiting (R)	None	EP agrees
C07D 219/08	C09B 15/00	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C07D 221/08	C07D 219/00	Informative (R)	Delete from the scheme	EP agrees main group title.
C07D 223/06	C07D 223/04	Limiting (R)	None	EP agrees
C07D 231/38	C07D 231/16	Limiting (R)	None	EP agrees
C07D 233/62	C09B 11/26	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C07D 233/88	C07D 233/91	Limiting (R)	None	EP agrees
C07D 235/14	C07D 235/10	Limiting (R)	None	EP agrees
C07D 237/20	C07D 237/12	Limiting (R)	None	EP agrees
C07D 239/42	C07D 239/30	Limiting (R)	None	EP agrees
C07D 239/42	C07D 239/69	Limiting (R)	None	EP agrees
C07D 239/46	C07D 239/69	Limiting (R)	None	EP agrees
C07D 241/20	C07D 241/16	Limiting (R)	None	EP agrees
C07D 251/64	C08G	Limiting (D)/(R)	None	EP agrees
C07D 277/50	C07D 277/58	Limiting (R)	None	EP agrees
C07D 295/10	C07D 295/16	Limiting (R)	None	EP agrees
C07D 295/12	C07D 295/06	Limiting (R)	None	EP agrees

C07D 301/22	C07D 301/04	Limiting (R)	None	EP agrees
C07D 301/27	C08	Limiting (D)/(R)	None	EP agrees
C07D 303/10	C07J	Informative (R)?	Could be removed from the scheme anyway, as LPR applies among C07C-C07K!	We think it is informative, and therefore could be deleted
C07D 303/36	C07D 303/08	Limiting (R)	None	EP agrees
C07D 307/42	C07D 307/46	Limiting (R)	None	EP agrees
C07D 307/66	C07D 307/70	Limiting (R)	None	EP agrees
C07D 311/18	C07D 311/42	Limiting (R)	None	EP agrees
C07D 317/28	C07D 317/16	Limiting (R)	None	EP agrees
C07D 317/58	C07D 317/52	Limiting (R)	None	EP agrees
C07D 333/20	C07D 333/12	Limiting (R)	None	EP agrees
C07D 333/36	C07D 333/42	Limiting (R)	None	EP agrees
C07D 457/00	C07D 519/02	Limiting (R)	None	EP agrees
C07D 461/00	C07D 519/04	Limiting (R)	None	EP agrees
C07D 463/02	C12P 17/18	Limiting (R)	None	EP agrees
C07D 471/04	C07D 463/00	Informative (R)	Delete from the scheme	EP agrees
C07D 477/02	C12P 17/18	Limiting (D)/(R)	None	EP agrees
C07D 487/04	C07D 477/00	Informative (R)	Delete from the scheme	EP agrees
C07D 491/14	C07D 455/03	Informative (R)	Delete from the scheme	EP agrees
C07D 491/18	C07D 451/00	Informative (R)	Delete from the scheme	EP agrees
C07D 498/00	C07D 503/00	Limiting (R)	None	EP agrees
C07D 498/00	C07D 505/00	Limiting (R)	None	EP agrees
C07D 498/00	C07D 507/00	Limiting (R)	None	EP agrees
C07D 499/06	C12P 37/00	Limiting (D)/(R)	None	EP agrees
C07D 501/08	C12P 35/00	Limiting (D)/(R)	None	EP agrees
C07D 503/02	C12P 17/18	Limiting (D)/(R)	None	EP agrees

Subclass: C07H Project: D 097

Place	Reference to	Category	Proposed action	Comments
C07H	C07C	Limiting (D)/(R)	None	EP agrees
C07H	C07D	Limiting (D)/(R)	None	EP agrees
C07H	C07C 59/105	Limiting (D)/(R)	None	EP agrees
C07H	C07C 59/285	Limiting (D)/(R)	None	EP agrees
C07H	C07C 255/16	Limiting (D)/(R)	None	EP agrees
C07H	C07D	Limiting (D)/(R)	None	EP agrees
C07H	C07G	Limiting (D)/(R)	None	EP agrees
C07H	C08B	Limiting (D)/(R)	None	EP agrees
C07H	C12N 15/00	Limiting (D)/(R)	None	EP agrees
C07H 3/00	C13	Limiting (D)/(R)	None	EP agrees
C07H 3/00	C13	Limiting (D)/(R)	None	EP agrees
C07H 3/08	C07D	Limiting (D)/(R)	None	EP agrees
C07H 11/00	C07H 5/02	Limiting (R)	None	EP agrees
C07H 11/00	C07H 5/08	Limiting (R)	None	EP agrees
C07H 11/00	C07H 13/12	Limiting (R)	None	EP agrees
C07H 11/04	C07H 13/00	Informative (R)	Delete from the scheme and add to group definitions	EP agrees
C07H 15/08	C07C 41/00	Informative (R)	Delete from the	EP agrees

			scheme and add to group definitions	
C07H 15/08	C07C 43/00	Informative (R)	Delete from the scheme and add to group definitions	EP agrees
C07H 15/24	C07J	Informative (R)?	Could be removed from the scheme anyway, as LPR applies among C07C-C07K!	We think it is informative, and therefore could be deleted
C07H 19/207	C07H 21/02	Limiting (R)	None	EP agrees
C07H 23/00	C07H 11/00	Informative (R)	Delete from the scheme and add to group definitions	EP agrees

Subclass: C07J Project: D 037

Place	Reference to	Category	Proposed action	Comments
C07J	C07C	Limiting (D)/(R)	None	EP agrees
C07J 17/00	C07J 19/00	Limiting (R)	None	EP agrees
C07J 71/00	C07J 21/00	Limiting (R)	None	EP agrees
C07J 71/00	C07J 33/00	Limiting (R)	None	EP agrees
C07J 71/00	C07J 43/00	Limiting (R)	None	EP agrees

Subclass: C08F Project: D 090

Place	Reference to	Category	Proposed action	Comments
C08F	C10G 50/00	Limiting (D)/(R)	None	EP agrees
C08F	C12P	Limiting (D)/(R)	Should be added in the scheme.	EP agrees
C08F	D06M 14/00	Limiting (D)/(R)	None	EP agrees
C08F 4/00	B01J	Informative(D)/(R)	Delete from the scheme and move to group definitions	EP agrees
C08F 6/00	C08C	Limiting (R)	None	EP agrees
C08F 6/02	C08F 2/42	Limiting (R)	None	EP agrees
C08F 8/00	C08F 251/00-C08F 299/00	Limiting (R)	None	EP agrees
C08F 8/00	C08C	Limiting (R)	None	EP agrees
C08F 8/00	C08J	Informative (R)	Delete from the scheme and add to group definitions	EP agrees
C08F 8/30	C08G	Informative (R)	Delete from the scheme and add to group definitions	EP agrees
C08F 24/00	C08F 18/00	Limiting (R)	None	EP agrees
C08F 24/00	C08F 20/00	Limiting (R)	None	EP agrees
C08F 24/00	C08F 22/00	Limiting (R)	None	EP agrees
C08F 32/08	C08F 244/00	Limiting (R)	None	EP agrees
C08F 34/00	C08F 18/00	Limiting (R)	None	EP agrees
C08F 34/00	C08F 22/00	Limiting (R)	None	EP agrees
C08F 34/02	C08F 244/00	Limiting (R)	None	EP agrees
C08F 124/00	C08F 118/00	Limiting (R)	None	EP agrees
C08F 124/00	C08F 120/00	Limiting (R)	None	EP agrees
C08F 124/00	C08F 122/00	Limiting (R)	None	EP agrees
C08F 134/00	C08F 118/00	Limiting (R)	None	EP agrees

C08F 134/00	C08F 122/00	Limiting (R)	None	EP agrees
C08F 220/62	C08F 242/00	Limiting (R)	None	EP agrees
C08F 224/00	C08F 218/00	Limiting (R)	None	EP agrees
C08F 224/00	C08F 220/00	Limiting (R)	None	EP agrees
C08F 224/00	C08F 222/00	Limiting (R)	None	EP agrees
C08F 232/08	C08F 244/00	Limiting (R)	None	EP agrees
C08F 234/00	C08F 218/00	Limiting (R)	None	EP agrees
C08F 234/00	C08F 222/00	Limiting (R)	None	EP agrees
C08F 234/02	C08F 244/00	Limiting (R)	None	EP agrees
C08F 291/18	C08F 291/10	Limiting (R)	None	EP agrees
C08F 293/00	C08F 290/02	Limiting (R)	None	EP agrees
C08F 299/00	C08F 251/00- C08F 291/00	Informative (R)	Delete from the scheme and add to group definitions	EP agrees
C08F 299/00	C08G 81/00	Informative (R)	Delete from the scheme and add to group definitions	EP agrees

Agnès Gamez and Anne Glanddier

Proposal by the International Bureau

Project M038

As requested at the WG/21, please find below the consolidated proposal prepared by the International Bureau, taken into account comments submitted by EP, JP 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: C01B Project: D 112

Place	Reference to	Category	Proposed action	Comments
C01B 3/00	B01D	Informative (R)	Remove from the scheme and put in group definitions	
C01B 3/00	C10J	<i>Limiting (R)</i>	<i>No action</i>	US: OK EPO: limiting
C01B 3/00	C10K	Informative (R)	Remove from the scheme and put in group definitions	
C01B 3/06	C25B 1/04	Limiting (D)/(R)	No action	
C01B 3/22	C10B 55/00	Informative (R)	Remove from the scheme and put in group definitions	
C01B 4/00	B01D 59/00	Informative (R)	Remove from the scheme and put in group definitions	
C01B 4/00	C01	Informative (R)	Remove from the scheme	
C01B 6/00	C01B 35/00	Informative (R)	Remove from the scheme	No need to add it in group definitions because of LPR
C01B 7/00	C01B 11/00	Informative (R)	Remove from the scheme	No need to add it in group definitions because of LPR
C01B 9/00	C01B-C01G	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 9/00	C25B	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 13/02	F25J	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 13/14	C01B-C01G	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 13/14	C25B	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 17/20	C01C	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 17/20	C01F	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 17/20	C01G	<i>Limiting (R)</i>	<i>No action</i>	US: informative

				EPO: limiting
C01B 17/62	C01B-C01G	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 17/96	C01B-C01G	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 17/98	C01B 15/06	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 17/98	C01B 15/08	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 19/00	C01B 25/14	Informative (R)	Remove from the scheme	No need to add it in group definitions because of LPR
C01B 21/02	C01B 3/04	Limiting (R)	No action	
C01B 21/04	F25J	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 21/06	C01B 21/08	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 21/48	C01B-C01G	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 23/00	F25J	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 25/00	C01B 15/16	Limiting (R)	No action	
C01B 25/16	C01B 15/00	Limiting (R)	No action	
C01B 25/234	C01B 25/22	Limiting (R)	No action	
C01B 25/234	C01B 25/46	Limiting (R)	No action	Could be removed from the scheme, because of the LPR?
C01B 25/26	C01B 15/16	Limiting (R)	No action	
C01B 25/46	B01D 11/00	Informative (R)	Remove from the scheme and put in group definitions	
C01B 31/00	C01B 15/10	Limiting (R)	No action	
C01B 31/00	C09C 1/48	Limiting (R)	No action	
C01B 31/00	C10B	Informative (R)	Remove from the scheme and put in group definitions	
C01B 31/02	B01J 3/06	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 31/02	C30B	Limiting (R)	No action	
C01B 31/14	B01J 2/00	Informative (R)	Remove from the scheme and put in group definitions	
C01B 31/18	C01G	Informative (R)	Remove from the scheme	No need to add it in group definitions because of LPR (see Note 1 after C01)
C01B 31/24	C01B 15/10	Limiting (R)	No action	
C01B 31/24	C01B-C01G	<i>Limiting (R)</i>	<i>No action</i>	US: informative EPO: limiting
C01B 31/30	C22	Informative (R)	Remove from the scheme and put in group definitions (point to subclass C22C)	
C01B 33/00	C01B 15/14	Limiting (R)	No action	
C01B 33/00	C01B 31/36	Limiting (R)	No action	
C01B 33/02	C30B	Limiting (R)	No action	

C01B 33/021	C23C 16/00	Limiting (R)	No action	
C01B 33/037	C30B 13/00	Limiting (R)	No action	
C01B 33/06	C22	Informative (R)	Remove from the scheme and put in group definitions (point to subclass C22C)	
C01B 33/146	C01B 33/145	Limiting (R)	No action	
C01B 33/18	C01B 33/158	Informative (R)	Remove from the scheme and put in group definitions	
C01B 33/18	C09C	Limiting (R)	No action	
C01B 33/20	C01B 15/14	Limiting (R)	No action	
C01B 33/36	B01J 49/00	Informative (R)	Remove from the scheme and put in group definitions	
C01B 33/46	C01B 39/00	Informative (R)	Remove from the scheme	No need to add it in group definitions because of LPR
C01B 35/00	C01B 6/00	Limiting (R)	No action	
C01B 35/00	C01B 15/12	Limiting (R)	No action	
C01B 35/00	C01B 21/06	Limiting (R)	No action	
C01B 35/00	C01B 25/08	Limiting (R)	No action	
C01B 35/00	C01B 31/36	Limiting (R)	No action	
C01B 35/00	C22	Informative (R)	Remove from the scheme and put in group definitions (point to subclass C22C)	
C01B 35/18	C01B 35/14	Limiting (R)	No action	US: informative EPO: limiting
C01B 39/00	B01J 20/10	Limiting (R)	No action	US: informative EPO: limiting
C01B 39/00	B01J 29/04	Limiting (R)	No action	US: informative EPO: limiting
C01B 39/00	B01J 39/14	Limiting (R)	No action	US: informative EPO: limiting
C01B 39/00	B01J 49/00	Informative (R)	Remove from the scheme and put in group definitions	
C01B 39/00	C11D 3/12	Special adaptation /Non-Limiting(R)	Remove from the scheme and put in group definitions	

Subclass: C01C Project: D 113

Place	Reference to	Category	Proposed action	Comments
C01C	C01B 11/00	Limiting (D)/(R)	No action	
C01C	C01B 15/00	Limiting (D)/(R)	No action	
C01C	C01B 17/64	Limiting (D)/(R)	No action	
C01C	C01B 19/00	Limiting (D)/(R)	No action	
C01C	C01B 21/08	Limiting (D)/(R)	No action	
C01C	C01B 21/092	Limiting (D)/(R)	No action	
C01C	C01B 21/50	Limiting (D)/(R)	No action	
C01C	C01B 25/08	Limiting (D)/(R)	No action	
C01C	C01B 25/16	Limiting (D)/(R)	No action	

C01C	C01B 33/00	Limiting (D)/(R)	No action	
C01C	C01B 35/00	Limiting (D)/(R)	No action	
C01C 1/04	C01B 3/02	Limiting (D)/(R)	No action	
C01C 3/16	C07C 279/28	Informative(D)/(R)	Remove from the scheme and put in group definitions	

Subclass: C01G Project: D 114

Place	Reference to	Category	Proposed action	Comments
C01G	C01B 6/00	Limiting (D)/(R)	No action	
C01G	C01B 11/00	Limiting (D)/(R)	No action	
C01G	C01B 15/00	Limiting (D)/(R)	No action	
C01G	C01B 17/64	Limiting (D)/(R)	No action	
C01G	C01B 19/00	Limiting (D)/(R)	No action	
C01G	C01B 21/06	Limiting (D)/(R)	No action	
C01G	C01B 21/08	Limiting (D)/(R)	No action	
C01G	C01B 21/092	Limiting (D)/(R)	No action	
C01G	C01B 21/50	Limiting (D)/(R)	No action	
C01G	C01B 25/08	Limiting (D)/(R)	No action	
C01G	C01B 25/16	Limiting (D)/(R)	No action	
C01G	C01B 31/30	Limiting (D)/(R)	No action	
C01G	C01B 33/00	Limiting (D)/(R)	No action	
C01G	C01B 35/00	Limiting (D)/(R)	No action	
C01G	C01B 37/00	Limiting (D)/(R)	No action	
C01G	C01B 39/00	Limiting (D)/(R)	No action	
C01G	C01C 3/08	Limiting (D)/(R)	No action	
C01G	C01C 3/14	Limiting (D)/(R)	No action	
C01G	C01C 3/16	Limiting (D)/(R)	No action	
C01G	C01C 3/20	Limiting (D)/(R)	No action	
C01G 1/00	C25B 1/00	Limiting (D)/(R)	No action	

Subclass: C02F Project: D 099

Place	Reference to	Category	Proposed action	Comments
C02F	A62D 3/00	<i>Limiting (D)/(R)</i>	<i>Should be added in the scheme</i>	
C02F	B01D	<i>Limiting(D)/(R)</i>	<i>No action in this project (see M035)</i>	
C02F	B63J	Limiting (D)/(R)	No action	
C02F	C23F	Limiting (D)/(R)	No action	
C02F	G21F 9/04	Limiting (D)/(R)	No action	
C02F 1/02	F22B	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C02F 1/02	F22D	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C02F 1/20	B01D 19/00	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C02F 1/20	F22D	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C02F 1/28	C02F 1/42	Limiting (R)	No action	

C02F 1/28	B01J	Informative(D)/ Limiting(R)	No action	US: informative EPO: limiting
C02F 1/40	E02B 15/04	Limiting (D)/(R)	No action	
C02F 1/40	E02B 15/14	Limiting (D)/(R)	No action	
C02F 1/40	E03F 5/16	Informative (R)	Remove from the scheme and put in group definitions	
C02F 1/42	B01J	Informative(D)/(R)	Remove from the scheme and put in group definitions	US: informative EPO: limiting
C02F 1/58	C02F 1/42	Limiting (R)	No action	
C02F 1/58	C02F 5/00	Limiting (R)	No action	
C02F 1/66	C02F 1/20	Limiting (R)	No action	
C02F 1/66	C02F 1/42	Limiting (R)	No action	
C02F 1/66	C02F 1/52	Limiting (R)	No action	
C02F 1/66	C02F 1/58	Limiting (R)	No action	
C02F 1/68	A61K	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C02F 1/74	C02F 7/00	Limiting (R)	No action	
C02F 3/10	B01J 19/30	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C02F 3/10	B01J 19/32	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C02F 5/00	C02F 1/42	Limiting (R)	No action	
C02F 11/06	F23G 7/04	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C02F 11/18	C02F 11/10	Limiting (R)	No action	

Subclass: C06B Project: D 088

Place	Reference to	Category	Proposed action	Comments
C06B	F42D	Limiting (D)/(R)	No action	
C06B	C01	Informative (R)	Remove from the scheme and put in group definitions	
C06B	C07	Informative (R)	Remove from the scheme and put in group definitions	
C06B	C08	Informative (R)	Remove from the scheme and put in group definitions	
C06B 45/00	F42B 1/00	Limiting (D)/(R)	No action	US: limiting EPO: informative
C06B 45/00	F42D 3/00	Limiting (D)/(R)	No action	US: limiting EPO: informative
C06B 45/18	C06B 45/04	Limiting (R)	No action	
C06B 45/18	F42B	Limiting (D)/(R)	No action	

Subclass: C07B Project: D 096

Place	Reference to	Category	Proposed action	Comments
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C07B	C07C 67/47	Limiting (D)/(R)	No action	
C07B	C08F	Limiting (D)/(R)	A reference to C08G should also be added (use the wording in definitions).	
C07B 63/00	C07B 57/00	Limiting (R)	No action	

Subclass: C07D Project: D 056

Place	Reference to	Category	Proposed action	Comments
C07D 201/16	C01	Informative (R)	Remove from the scheme	
C07D 211/20	C07D 211/30	Limiting (R)	No action	
C07D 211/56	C07D 211/38	Limiting (R)	No action	
C07D 213/28	C07D 213/44	Limiting (R)	No action	
C07D 213/36	C07D 213/26	Limiting (R)	No action	
C07D 213/42	C07D 213/26	Limiting (R)	No action	
C07D 213/72	C07D 213/61	Limiting (R)	No action	
C07D 213/76	C07D 213/61	Limiting (R)	No action	
C07D 215/20	C09B 25/00	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C07D 215/38	C07D 215/18	Limiting (R)	No action	
C07D 219/08	C09B 15/00	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C07D 221/08	C07D 219/00	Informative (R)	Remove from the scheme	No need to add to group definitions because of 221/00 main group title.
C07D 223/06	C07D 223/04	Limiting (R)	No action	US: informative EPO&JP: limiting
C07D 231/38	C07D 231/16	Limiting (R)	No action	
C07D 233/62	C09B 11/26	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C07D 233/88	C07D 233/91	Limiting (R)	No action	
C07D 235/14	C07D 235/10	Limiting (R)	No action	
C07D 237/20	C07D 237/12	Limiting (R)	No action	
C07D 239/42	C07D 239/30	Limiting (R)	No action	
C07D 239/42	C07D 239/69	Limiting (R)	No action	
C07D 239/46	C07D 239/69	Limiting (R)	No action	
C07D 241/20	C07D 241/16	Limiting (R)	No action	
C07D 251/64	C08G	Limiting (D)/(R)	No action	
C07D 277/50	C07D 277/58	Limiting (R)	No action	
C07D 295/10	C07D 295/16	Limiting (R)	No action	
C07D 295/12	C07D 295/06	Limiting (R)	No action	
C07D 301/22	C07D 301/04	Limiting (R)	No action	
C07D 301/27	C08	Limiting (D)/(R)	No action	
C07D 303/10	C07J	Informative (R)	Remove from the scheme	
C07D 303/36	C07D 303/08	Limiting (R)	No action	
C07D 307/42	C07D 307/46	Limiting (R)	No action	
C07D 307/66	C07D 307/70	Limiting (R)	No action	
C07D 311/18	C07D 311/42	Limiting (R)	No action	

			scheme and add to group definitions	
C07H 15/24	C07J	Informative (R)	Remove from the scheme and add to group definitions	
C07H 19/207	C07H 21/02	Limiting (R)	No action	
C07H 23/00	C07H 11/00	Limiting (R)	No action	JP&US: Limiting, keep in the scheme EPO: informative

Subclass: C07J **Project: D 037**

Place	Reference to	Category	Proposed action	Comments
C07J	C07C	Limiting (D)/(R)	No action	
C07J 17/00	C07J 19/00	Limiting (R)	No action	
C07J 71/00	C07J 21/00	Limiting (R)	No action	
C07J 71/00	C07J 33/00	Limiting (R)	No action	
C07J 71/00	C07J 43/00	Limiting (R)	No action	

Subclass: C08F **Project: D 090**

Place	Reference to	Category	Proposed action	Comments
C08F	C10G 50/00	Limiting (D)/(R)	No action	
C08F	C12P	Limiting (D)/(R)	Should be added in the scheme.	
C08F	D06M 14/00	Limiting (D)/(R)	No action	
C08F 4/00	B01J	Informative(D)/(R)	Remove from the scheme and put in group definitions	
C08F 6/00	C08C	Limiting (R)	No action	
C08F 6/02	C08F 2/42	Limiting (R)	No action	
C08F 8/00	C08F 251/00- C08F 299/00	Limiting (R)	No action	
C08F 8/00	C08C	Limiting (R)	No action	
C08F 8/00	C08J	Informative (R)	Remove from the scheme and add to group definitions	
C08F 8/30	C08G	Informative (R)	Remove from the scheme and add to group definitions	
C08F 24/00	C08F 18/00	Limiting (R)	No action	
C08F 24/00	C08F 20/00	Limiting (R)	No action	
C08F 24/00	C08F 22/00	Limiting (R)	No action	
C08F 32/08	C08F 244/00	Limiting (R)	No action	
C08F 34/00	C08F 18/00	Limiting (R)	No action	
C08F 34/00	C08F 22/00	Limiting (R)	No action	
C08F 34/02	C08F 244/00	Limiting (R)	No action	
C08F 124/00	C08F 118/00	Limiting (R)	No action	
C08F 124/00	C08F 120/00	Limiting (R)	No action	
C08F 124/00	C08F 122/00	Limiting (R)	No action	
C08F 134/00	C08F 118/00	Limiting (R)	No action	
C08F 134/00	C08F 122/00	Limiting (R)	No action	
C08F 220/62	C08F 242/00	Limiting (R)	No action	
C08F 224/00	C08F 218/00	Limiting (R)	No action	
C08F 224/00	C08F 220/00	Limiting (R)	No action	

C08F 224/00	C08F 222/00	Limiting (R)	No action	
C08F 232/08	C08F 244/00	Limiting (R)	No action	
C08F 234/00	C08F 218/00	Limiting (R)	No action	
C08F 234/00	C08F 222/00	Limiting (R)	No action	
C08F 234/02	C08F 244/00	Limiting (R)	No action	
C08F 291/18	C08F 291/10	Limiting (R)	No action	
C08F 293/00	C08F 290/02	Limiting (R)	No action	
C08F 299/00	C08F 251/00- C08F 291/00	Informative (R)	Remove from the schemeand add to group definitions	
C08F 299/00	C08G 81/00	Informative (R)	Remove from the schemeand add to group definitions	

United States Patent and Trademark Office	
IPC Revision Working Group	
Topic: M038 – Removal of non-limiting references from chemical subclasses	Date: November 18, 2009

US can accept most of the “proposed actions” in the Rapporteur proposal of Annex 7. However we have a few comments which we would like to have considered.

Subclass: C01B **Project:** D 112

Place	Reference to	Category	Proposed action	Comments
C01B 9/00	C25B	Limiting (R)	No action	USPTO: We agree that the reference should stay in scheme (limiting) as we stated in Annex 5, but perhaps it should be changed to C25B 1/00 (Electrolytic production of inorganic compounds or non-metals) if its wording remains “electrolytic production of inorganic compounds”. This reference could also go in the scheme title of C01B.
C01B 17/98	C01B 15/06	Limiting (R)	No action	USPTO: In annex 7 R reports that US thought this was informative. US comments of A-

				5 agreed this reference should stay in the scheme and is therefore limiting
C01B 17/98	C01B 15/08	Limiting (R)	No action	USPTO: In annex 7 R reports that US thought this was informative. US comments of A-5 agreed this reference should stay in the scheme and is therefore limiting

Subclass: C02F Project: D 099

Place	Reference to	Category	Proposed action	Comments
C02F 1/40	E02B 15/14	Limiting (D)/(R)	No action	USPTO: There is no existing E02B 15/14. This reference should be E03F 5/14 , based on the wording in the C02F 1/40 subgroup. We agree with proposed action

Subclass: C06B Project: D 088

Place	Reference to	Category	Proposed action	Comments
C06B 45/00	F42D 3/00	Limiting(D)/(R)	No action	USPTO: This reference should be F42B rather than F42D. We agree with action

Subclass: C07D Project: D 056

C07D 223/06	C07D 223/04	Limiting (R)	No action	USPTO: We will agree with the proposed action and that this reference is limiting, but wonder if the actual wording of the reference can be clarified. The title of C07D 223/06 includes "with at the most one bond to halogen" yet the reference states "halogen atoms C07D 223/04)". This appears to be contradictory as it now stands.
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Subclass: C07H

Project: D 097

Place	Reference to	Category	Proposed action	Comments
C07H 3/00	C13	Limiting (D)/(R)	No action	USPTO: There are two references to C13 in C07H 3/00. One states "preparation by hydrolysis of di- or polysaccharide" and the other states "separation or purification of sucrose, glucose, fructose, lactose or maltose". Based on the new C13B

				<p>and C13K perhaps it would be useful to modify the wording of these references. For example: "production of sucrose C13B; production of saccharides other than sucrose by hydrolysis of di- or polysaccharides and separation or purification of glucose, fructose, lactose or maltose C13K"</p>
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