

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 605

DATE: JANUARY 1, 2019

PROJECT RP0454

The following classification changes will be effected by this Notice of Changes:

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	G21C	2001/088
	G21C	2003/045, 2003/047, 2003/048, 2003/3225, 2003/3262, 2003/3265, 2003/3267, 2003/3432
	G21C	2013/063
	G21C	2015/185, 2015/187
	G21D	2003/002, 2003/004, 2003/005, 2003/007
	G21D	2010/00
	G21F	2005/125
	G21Y	Subclass, 2002/00, 2002/10, 2002/101, 2002/102, 2002/103, 2002/104, 2002/20, 2002/201, 2002/202, 2002/203, 2002/204, 2002/205, 2002/206, 2002/207, 2002/208, 2002/30, 2002/301, 2002/302, 2002/303, 2002/304, 2002/305, 2002/306, 2002/40, 2002/401, 2002/402, 2002/50, 2002/501, 2002/502, 2002/60, 2002/601, 2004/00, 2004/10, 2004/101, 2004/20, 2004/201, 2004/202, 2004/30, 2004/301, 2004/302, 2004/303, 2004/304, 2004/305, 2004/40, 2004/401, 2004/402, 2004/403, 2004/50, 2004/501, 2004/502, 2004/503, 2004/504, 2004/60, 2004/601
Symbols New:	G21C	1/088
	G21C	3/045, 3/047, 3/048, 3/3225, 3/3262, 3/3265, 3/3267, 3/3432
	G21C	13/063
	G21C	15/185, 15/187
	G21D	3/002, 3/004, 3/005, 3/007
	G21F	5/125
Title wording change:	G21D	Subclass

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	G21F	Subclass
Notes Deleted:	G21Y	Subclass
DEFINITIONS:		
Definitions Deleted:	G21C	3/04, 3/322, 3/326
Definitions Modified:	G21C	Subclass
	G21D	Subclass, 3/001
	G21F	Subclass

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following [Check the ones included]:

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

- 3. REVISION CONCORDANCE LIST (RCL)
- 4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS G21C – NUCLEAR REACTORS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	G21C 2001/088	4	{Inherently safe boiling water reactors}	<administrative transfer to G21C 1/088>
N	G21C 1/088	4	{Inherently safe boiling water reactors}	
D	G21C 2003/045	3	{Pellets}	<administrative transfer to G21C 3/045>
N	G21C 3/045	3	{Pellets}	
D	G21C 2003/047	4	{Pellet-clad interaction}	<administrative transfer to G21C 3/047>
N	G21C 3/047	4	{Pellet-clad interaction}	
D	G21C 2003/048	4	{Shape of pellets}	<administrative transfer to G21C 3/048>
N	G21C 3/048	4	{Shape of pellets}	
D	G21C 2003/3225	4	{by waterrods}	<administrative transfer to G21C 3/3225>
N	G21C 3/3225	4	{by waterrods}	
D	G21C 2003/3262	4	{Enrichment distribution in zones}	<administrative transfer to G21C 3/3262>
N	G21C 3/3262	4	{Enrichment distribution in zones}	
D	G21C 2003/3265	5	{Radial distribution}	<administrative transfer to G21C 3/3265>
N	G21C 3/3265	5	{Radial distribution}	
D	G21C 2003/3267	5	{Axial distribution}	<administrative transfer to G21C 3/3267>
N	G21C 3/3267	5	{Axial distribution}	
D	G21C 2003/3432	4	{Grids designed to influence the coolant, i.e. coolant mixing function}	<administrative transfer to G21C 3/3432>
N	G21C 3/3432	4	{Grids designed to influence the coolant, i.e. coolant mixing function}	
D	G21C 2013/063	3	{Seals for closures or for rotatable closures}	<administrative transfer to G21C 13/063>
N	G21C 13/063	3	{Seals for closures or for rotatable closures}	
D	G21C 2015/185	3	{using energy stored in reactor system}	<administrative transfer to G21C 15/185>
N	G21C 15/185	3	{using energy stored in reactor system}	
D	G21C 2015/187	3	{using energy from the electric grid}	<administrative transfer to G21C 15/187>

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
N	G21C 15/187	3	{using energy from the electric grid}	

SUBCLASS G21D – Nuclear Power Plant

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G21D	0	NUCLEAR POWER PLANT	
D	G21D 2003/002	2	{Core design; Core simulations}	<administrative transfer to G21D 3/002>
N	G21D 3/002	2	{Core design; core simulations; core optimisation}	
D	G21D 2003/004	2	{Fuel shuffle simulations}	<administrative transfer to G21D 3/004>
N	G21D 3/004	2	{Fuel shuffle simulation; fuel shuffle optimisation}	
D	G21D 2003/005	2	{Thermo-hydraulic simulations}	<administrative transfer to G21D 3/005>
N	G21D 3/005	2	{Thermo-hydraulic simulations}	
D	G21D 2003/007	1	{Expert systems}	<administrative transfer to G21D 3/007>
N	G21D 3/007	1	{Expert systems}	
D	G21D 2010/00	0	Protection of plant or environment from mutual hazards : means for monitoring the effects of plant or environment upon each other	<administrative transfer to G21D 1/00>

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SUBCLASS G21F - PROTECTION AGAINST X-RADIATION, GAMMA RADIATION, CORPUSCULAR RADIATION OR PARTICLE BOMBARDMENT; TREATING RADIOACTIVELY CONTAMINATED MATERIAL; DECONTAMINATION ARRANGEMENTS THEREFOR (radiation protection by pharmaceutical means A61K 8/00, A61Q 17/04; in cosmonautic vehicles B64G 1/54; combined with a reactor G21C 11/00; combined with X-ray tubes H01J 35/16; combined with X-ray apparatus H05G 1/02)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally</u> <u>be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	G21F	0	PROTECTION AGAINST X-RADIATION, GAMMA RADIATION, CORPUSCULAR RADIATION OR PARTICLE BOMBARDMENT; TREATING RADIOACTIVELY CONTAMINATED MATERIAL; DECONTAMINATION ARRANGEMENTS THEREFOR (radiation protection by pharmaceutical means A61K 8/00, A61Q 17/04; in cosmonautic vehicles B64G 1/54; combined with a reactor G21C 11/00; combined with X-ray tubes H01J 35/16; combined with X-ray apparatus H05G 1/02)	
D	G21F 2005/125	3	{Means to monitor or detect the leak-tightness of the closure}	<administrative transfer to G21F 5/125>
N	G21F 5/125	3	{Means to monitor or detect the leak-tightness of the closure}	

SUBCLASS G21Y – INDEXING SCHEME RELATING TO NUCLEAR REACTORS, POWER PLANTS AND EXPLOSIVES, TO PROTECTION AGAINST RADIATION, TO THE TREATMENT OF RADIOACTIVELY CONTAMINATED MATERIAL, TO APPLICATIONS OF RADIOACTIVE SOURCES AND TO THE UTILISATION OF COSMIC RADIATION

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots</u> <u>(e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed in</u> <u>curly brackets**</u>	<u>Transferred to#</u>
D	G21Y	0	INDEXING SCHEME RELATING TO NUCLEAR REACTORS, POWER PLANTS AND EXPLOSIVES, TO PROTECTION AGAINST RADIATION, TO THE TREATMENT OF RADIOACTIVELY CONTAMINATED MATERIAL, TO APPLICATIONS OF RADIOACTIVE SOURCES AND TO THE UTILISATION OF COSMIC RADIATION	
D	G21Y 2002/00	0	PROBLEM	<no transfer>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in curly brackets**	Transferred to#
D	G21Y 2002/10	1	Shortcomings in materials	<no transfer>
D	G21Y 2002/101	1	Wear	<no transfer>
D	G21Y 2002/102	1	Embrittlement	<no transfer>
D	G21Y 2002/103	1	Corrosion	<no transfer>
D	G21Y 2002/104	1	Inadequate performance, deformation, cracks, rupture	<no transfer>
D	G21Y 2002/20	1	Operational shortcomings	<no transfer>
D	G21Y 2002/201	1	Inadequate efficiency	<no transfer>
D	G21Y 2002/202	1	Slowness of a process or function	<no transfer>
D	G21Y 2002/203	1	Lack of manoeuvrability	<no transfer>
D	G21Y 2002/204	1	Imprecision (measuring, positioning, guiding)	<no transfer>
D	G21Y 2002/205	1	Lack of Automation	<no transfer>
D	G21Y 2002/206	1	Insufficient reliability (durability)	<no transfer>
D	G21Y 2002/207	1	Abnormal conditions	<no transfer>
D	G21Y 2002/208	1	Risk of human error	<no transfer>
D	G21Y 2002/30	1	Design and construction shortcomings	<no transfer>
D	G21Y 2002/301	1	Heavy, bulky, cumbersome constructions, shape	<no transfer>
D	G21Y 2002/302	1	Fabricating, assembling, replacing, dismantling	<no transfer>
D	G21Y 2002/303	1	Risk of damage	<no transfer>
D	G21Y 2002/304	1	Lack of versatility, compatibility	<no transfer>
D	G21Y 2002/305	1	Inadequate transportation	<no transfer>
D	G21Y 2002/306	1	Non-compliance with regulations	<no transfer>
D	G21Y 2002/40	1	Maintenance shortcomings (Servicing)	<no transfer>
D	G21Y 2002/401	1	Inconvenient access	<no transfer>
D	G21Y 2002/402	1	Complicated assembling, disassembling, replacing, dismantling	<no transfer>
D	G21Y 2002/50	1	Safety, security and safeguard shortcomings	<no transfer>
D	G21Y 2002/501	1	Radiation exposure	<no transfer>
D	G21Y 2002/502	1	Lack of monitoring	<no transfer>
D	G21Y 2002/60	1	Disposal shortcomings	<no transfer>
D	G21Y 2002/601	1	Excess of irradiated inventory	<no transfer>
D	G21Y 2004/00	0	SOLUTION	<no transfer>
D	G21Y 2004/10	1	Compositions	<no transfer>
D	G21Y 2004/101	1	Inherent characteristics	<no transfer>
D	G21Y 2004/20	1	Obtaining improvement by treatment	<no transfer>
D	G21Y 2004/201	1	Heat treatment	<no transfer>
D	G21Y 2004/202	1	Cold working	<no transfer>
D	G21Y 2004/30	1	Improving a design	<no transfer>
D	G21Y 2004/301	1	Joints, fixing devices	<no transfer>
D	G21Y 2004/302	1	Fluid mechanics, thermodynamics	<no transfer>
D	G21Y 2004/303	1	Protection cover, catching devices	<no transfer>
D	G21Y 2004/304	1	Redundancy, adding material or parts	<no transfer>
D	G21Y 2004/305	1	Reducing size, material or number of parts	<no transfer>
D	G21Y 2004/40	1	Improving a procedure	<no transfer>
D	G21Y 2004/401	1	Automation	<no transfer>
D	G21Y 2004/402	1	Inherent action	<no transfer>

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in curly brackets**	Transferred to#
D	G21Y 2004/403	1	Tuning, adjustment	<no transfer>
D	G21Y 2004/50	1	Repair, replacement	<no transfer>
D	G21Y 2004/501	1	Improving a tool	<no transfer>
D	G21Y 2004/502	1	Remote operation	<no transfer>
D	G21Y 2004/503	1	in factory	<no transfer>
D	G21Y 2004/504	1	on site	<no transfer>
D	G21Y 2004/60	1	Reusing items, recycling	<no transfer>
D	G21Y 2004/601	1	Discarding, Repository	<no transfer>

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except "D" which requires only a symbol.
- # "Transferred to" column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>" or "<administrative transfer to XX and YY simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be "invention information", unless otherwise indicated, and to 2000 series groups is assumed to be "additional information".

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B. New, Modified or Deleted Note(s)

SUBCLASS G21Y - INDEXING SCHEME RELATING TO NUCLEAR REACTORS, POWER PLANTS AND EXPLOSIVES, TO PROTECTION AGAINST RADIATION, TO THE TREATMENT OF RADIOACTIVELY CONTAMINATED MATERIAL, TO APPLICATIONS OF RADIOACTIVE SOURCES AND TO THE UTILISATION OF COSMIC RADIATION

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
D	G21Y	This subclass constitutes an internal scheme for indexing only, relating to problems (G21Y 2002/00) or solutions (G21Y 2004/00).	

*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
G21C	Special rules of classification	The following Indexing Codes do not follow the general ECLA/Indexing Code parallel scheme but are used to classify additional invention information for which an ECLA class is not available: G21C 2003/045, G21C 2003/047, G21C 2003/048, G21C 2003/3225, G21C 2003/3262, G21C 2003/3265, G21C 2003/3267, G21C 2015/185, G21C 2015/187. If appropriate, these Indexing Codes must be assigned if the corresponding ECLA subgroup is given, i.e. if either G21C 3/04, G21C 3/322, G21C 3/326 or G21C 15/18 is assigned.	Delete: The following text from the Special rules of classification section: The following Indexing Codes do not follow the general ECLA/Indexing Code parallel scheme but are used to classify additional invention information for which an ECLA class is not available: G21C 2003/045, G21C 2003/047, G21C 2003/048, G21C 2003/3225, G21C 2003/3262, G21C 2003/3265, G21C 2003/3267, G21C 2015/185, G21C 2015/187. If appropriate, these Indexing Codes must be assigned if the corresponding ECLA subgroup is given, i.e. if either G21C 3/04, G21C 3/322, G21C 3/326 or G21C 15/18 is assigned.
G21C 3/04			Delete: The entire definition
G21C 3/322			Delete: The entire definition
G21C 3/326			Delete: The entire definition
G21D	Limiting references		Delete: The entire <i>Limiting references</i> section

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
G21D	Informative references		<p>Insert: The following rows in the <i>Informative references</i> table:</p> <p>Nuclear fusion reactors G21B</p> <p>Aspects related to nuclear fission reactors per se G21C</p> <p>Structural combination of fuel element with thermoelectric element G21C 3/40</p> <p>Control of nuclear reaction G21C 7/00</p> <p>Emergency protection arrangements structurally associated with a reactor; for rapid reduction of reactivity under fault conditions; for suppressing fires G21C 9/00, G21C 9/02, G21C 9/04</p> <p>Pumping arrangements for the coolant by means within the reactor pressure vessel G21C 15/24</p> <p>Obtaining electrical energy from radioactive sources G21H 1/00</p> <p>Nuclear explosives and their applications G21J</p>
G21D	Special rules of classification	<p>Classification of both important (invention) information and additional information is obligatory.</p> <p>The following Indexing Codes do not follow the general EC/Indexing Code parallel scheme but are used to classify additional invention information for which an EC class is presently not available: G21D 2003/002, G21D 2003/004, G21D 2003/005. If appropriate, these Indexing Codes must be assigned if the corresponding EC subgroup is given, i.e. if G21D 3/001 is assigned.</p>	<p>Delete: The entire Special rules of classification section.</p>

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
G21D 3/001	Special rules of classification	When this class is assigned, if appropriate, an additional Indexing Code amongst G21D 2003/002, G21D 2003/004 and G21D 2003/005 should also be assigned.	Delete: The entire Special rules of classification section.
G21F	Limiting references	Radiation protection in cosmonautic vehicles B64G 1/56	Replace: The existing symbol in the <i>Limiting references</i> table so the row reads as follows: Radiation protection in cosmonautic vehicles B64G 1/54
G21F	Limiting references		Delete: The following two rows from the <i>Limiting references</i> table: Apparatus or processes for producing X-rays, not involving X-ray tubes, e.g. involving generation of a plasma H05G 2/00 Screening of electronic apparatus or components against electromagnetic fields H05K 9/00
G21F	Application-oriented references	Applying radioactive material to the body; shielding of fluid reservoirs therefor, e.g. syringe shielding A61M 36/08	Replace: The existing symbol in the <i>Application-oriented references</i> table so the row reads as follows: Applying radioactive material to the body; shielding of fluid reservoirs therefor, e.g. syringe shielding A61M 5/1785
G21F	Informative references	Applying radioactive material to, or placing it within, the body A61M 36/00	Replace: The existing symbol in the <i>Informative references</i> table with two new symbols so that the row reads as follows: Applying radioactive material to, or placing it within, the body A61M 37/0069, A61N 5/10

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	G21C 2001/088	<administrative transfer to G21C 1/088>
D	G21C 2003/045	<administrative transfer to G21C 3/045>
D	G21C 2003/047	<administrative transfer to G21C 3/047>
D	G21C 2003/048	<administrative transfer to G21C 3/048>
D	G21C 2003/3225	<administrative transfer to G21C 3/3225>
D	G21C 2003/3262	<administrative transfer to G21C 3/3262>
D	G21C 2003/3265	<administrative transfer to G21C 3/3265>
D	G21C 2003/3267	<administrative transfer to G21C 3/3267>
D	G21C 2003/3432	<administrative transfer to G21C 3/3432>
D	G21C 2013/063	<administrative transfer to G21C 13/063>
D	G21C 2015/185	<administrative transfer to G21C 15/185>
D	G21C 2015/187	<administrative transfer to G21C 15/187>
D	G21D 2003/002	<administrative transfer to G21D 3/002>
D	G21D 2003/004	<administrative transfer to G21D 3/004>
D	G21D 2003/005	<administrative transfer to G21D 3/005>
D	G21D 2003/007	<administrative transfer to G21D 3/007>
D	G21D 2010/00	<administrative transfer to G21D 1/00>
D	G21F 2005/125	<administrative transfer to G21F 5/125>
D	G21Y 2002/00	<no transfer>
D	G21Y 2002/10	<no transfer>
D	G21Y 2002/101	<no transfer>
D	G21Y 2002/102	<no transfer>
D	G21Y 2002/103	<no transfer>
D	G21Y 2002/104	<no transfer>
D	G21Y 2002/20	<no transfer>
D	G21Y 2002/201	<no transfer>
D	G21Y 2002/202	<no transfer>
D	G21Y 2002/203	<no transfer>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	G21Y 2002/204	<no transfer>
D	G21Y 2002/205	<no transfer>
D	G21Y 2002/206	<no transfer>
D	G21Y 2002/207	<no transfer>
D	G21Y 2002/208	<no transfer>
D	G21Y 2002/30	<no transfer>
D	G21Y 2002/301	<no transfer>
D	G21Y 2002/302	<no transfer>
D	G21Y 2002/303	<no transfer>
D	G21Y 2002/304	<no transfer>
D	G21Y 2002/305	<no transfer>
D	G21Y 2002/306	<no transfer>
D	G21Y 2002/40	<no transfer>
D	G21Y 2002/401	<no transfer>
D	G21Y 2002/402	<no transfer>
D	G21Y 2002/50	<no transfer>
D	G21Y 2002/501	<no transfer>
D	G21Y 2002/502	<no transfer>
D	G21Y 2002/60	<no transfer>
D	G21Y 2002/601	<no transfer>
D	G21Y 2004/00	<no transfer>
D	G21Y 2004/10	<no transfer>
D	G21Y 2004/101	<no transfer>
D	G21Y 2004/20	<no transfer>
D	G21Y 2004/201	<no transfer>
D	G21Y 2004/202	<no transfer>
D	G21Y 2004/30	<no transfer>
D	G21Y 2004/301	<no transfer>
D	G21Y 2004/302	<no transfer>
D	G21Y 2004/303	<no transfer>
D	G21Y 2004/304	<no transfer>
D	G21Y 2004/305	<no transfer>
D	G21Y 2004/40	<no transfer>
D	G21Y 2004/401	<no transfer>
D	G21Y 2004/402	<no transfer>
D	G21Y 2004/403	<no transfer>
D	G21Y 2004/50	<no transfer>
D	G21Y 2004/501	<no transfer>
D	G21Y 2004/502	<no transfer>
D	G21Y 2004/503	<no transfer>
D	G21Y 2004/504	<no transfer>
D	G21Y 2004/60	<no transfer>
D	G21Y 2004/601	<no transfer>

* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries.

NOTES:

- Only C, D, and Q type entries are included in the table above.

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- When multiple symbols are included in the “To” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G21C 2001/088		DELETE
G21C 1/088	G21C 1/08	NEW
G21C 2003/045		DELETE
G21C 3/045	G21C 3/04	NEW
G21C 2003/047		DELETE
G21C 3/047	G21C 3/04	NEW
G21C 2003/048		DELETE
G21C 3/048	G21C 3/04	NEW
G21C 2003/3225		DELETE
G21C 3/3225	G21C 3/322	NEW
G21C 2003/3262		DELETE
G21C 3/3262	G21C 3/326	NEW
G21C 2003/3265		DELETE
G21C 3/3265	G21C 3/326	NEW
G21C 2003/3267		DELETE
G21C 3/3267	G21C 3/326	NEW
G21C 2003/3432		DELETE
G21C 3/3432	G21C 3/34	NEW
G21C 2013/063		DELETE
G21C 13/063	G21C 13/06	NEW
G21C 2015/185		DELETE
G21C 15/185	G21C 15/18	NEW
G21C 2015/187		DELETE
G21C 15/187	G21C 15/18	NEW
G21D 2003/002		DELETE
G21D 3/002	G21D 3/00	NEW
G21D 2003/004		DELETE
G21D 3/004	G21D 3/00	NEW
G21D 2003/005		DELETE
G21D 3/005	G21D 3/00	NEW
G21D 2003/007		DELETE
G21D 3/007	G21D 3/00	NEW
G21D 2010/00		DELETE
G21F 2005/125		DELETE
G21F 5/125	G21F 5/12	NEW
G21Y 2002/00		DELETE
G21Y 2002/10		DELETE
G21Y 2002/101		DELETE
G21Y 2002/102		DELETE
G21Y 2002/103		DELETE
G21Y 2002/104		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G21Y 2002/20		DELETE
G21Y 2002/201		DELETE
G21Y 2002/202		DELETE
G21Y 2002/203		DELETE
G21Y 2002/204		DELETE
G21Y 2002/205		DELETE
G21Y 2002/206		DELETE
G21Y 2002/207		DELETE
G21Y 2002/208		DELETE
G21Y 2002/30		DELETE
G21Y 2002/301		DELETE
G21Y 2002/302		DELETE
G21Y 2002/303		DELETE
G21Y 2002/304		DELETE
G21Y 2002/305		DELETE
G21Y 2002/306		DELETE
G21Y 2002/40		DELETE
G21Y 2002/401		DELETE
G21Y 2002/402		DELETE
G21Y 2002/50		DELETE
G21Y 2002/501		DELETE
G21Y 2002/502		DELETE
G21Y 2002/60		DELETE
G21Y 2002/601		DELETE
G21Y 2004/00		DELETE
G21Y 2004/10		DELETE
G21Y 2004/101		DELETE
G21Y 2004/20		DELETE
G21Y 2004/201		DELETE
G21Y 2004/202		DELETE
G21Y 2004/30		DELETE
G21Y 2004/301		DELETE
G21Y 2004/302		DELETE
G21Y 2004/303		DELETE
G21Y 2004/304		DELETE
G21Y 2004/305		DELETE
G21Y 2004/40		DELETE
G21Y 2004/401		DELETE
G21Y 2004/402		DELETE
G21Y 2004/403		DELETE
G21Y 2004/50		DELETE
G21Y 2004/501		DELETE
G21Y 2004/502		DELETE
G21Y 2004/503		DELETE
G21Y 2004/504		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
G21Y 2004/60		DELETE
G21Y 2004/601		DELETE

*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:

- F symbols are not included in the CICL table above.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.