

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 805

DATE: JANUARY 1, 2020

PROJECT MP0452

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	E21C	11/00
	E21C	25/64
Warnings Deleted:	G11B	
Warnings Modified:	C01B	
DEFINITIONS:		
Definitions Modified:	A01B	
	A01K	37/00
	A01K	45/00
	A01N	43/82
	A01N	53/00
	A01N	55/00
	A23J	
	A41C	3/04
	A47G	21/08
	A47G	27/00
	A61B	
	A61B	5/0215
	A61B	6/00
	A61B	2017/1205
	A61B	2090/3987
	A61F	2/013
	A61F	2/82
	A61F	2/95
	A61F	9/008
	A61H	1/0218
	A61H	33/14
	A61H	35/00
	A61J	3/002
	A61K	8/02
	A61K	8/046
	A61K	8/14
	A61L	
	A61M	
	A61M	2025/0183
	A61Q	
	A61Q	3/00
	A61Q	5/065
	A61Q	17/04

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	A61Q	19/00
	A61Q	19/02
	A61Q	19/08
	A62D	1/00
	A62D	3/00
	A63B	23/02
	A63B	23/18
	A63B	45/00
	A63B	65/12
	A63C	
	A63C	11/003
	A63C	11/224
	A63F	13/235
	A63F	13/327
	B01D	
	B01D	15/00
	B01F	3/0807
	B01J	2/18
	B09B	
	B22C	
	B23B	
	B23B	5/00
	B23B	31/00
	B23B	45/00
	B23B	47/00
	B23K	35/00
	B23P	19/047
	B24D	
	B25D	3/00
	B25F	
	B26D	
	B27G	17/00
	B27N	3/06
	B27N	7/005
	B29C	37/02
	B29C	45/14639
	B29C	49/0005
	B29D	30/00
	B43K	21/00
	B60J	5/00
	B60K	15/04
	B60R	25/00
	B61D	19/00
	B63G	
	B63G	8/00
	B64F	1/20
	B65D	83/643
	B65D	88/62
	B65D	88/74
	B65D	90/0013

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B65D	90/008
	B65D	2585/56
	B65H	75/34
	B66D	3/04
	B81C	
	C01B	
	C01C	1/083
	C04B	18/24
	C04B	35/491
	C04B	35/6267
	C08F	
	C08G	
	C08H	
	C08L	
	C08L	23/00
	C09C	1/482
	C09K	8/00
	C10B	
	C10G	
	C11B	9/00
	C12N	1/00
	C12P	
	C22B	
	C22C	
	C23F	
	C25B	
	E01D	1/00
	E04C	3/02
	F01L	
	F01N	3/00
	F01N	13/00
	F02M	47/027
	F02M	51/06
	F02M	51/0603
	F02M	63/0012
	F15B	13/00
	F16G	3/10
	F16G	11/00
	F16G	11/10
	F17C	2205/0302
	F17C	2265/06
	F23C	99/00
	F23Q	
	F25B	37/00
	F25D	
	F28D	13/00
	F28F	27/00
	F41B	11/00
	F41B	11/72
	F41F	1/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	G01C	3/00
	G01C	5/06
	G01C	21/26
	G01J	9/00
	G01N	33/98
	G01S	15/8993
	G03H	1/02
	G03H	5/00
	G04G	21/00
	G06F	3/041
	G06F	3/16
	G06F	3/162
	G06F	9/45516
	G06F	11/36
	G06F	17/20
	G06F	17/50
	G06K	19/07
	G06M	
	G06Q	10/06
	G08G	1/123
	G08G	1/127
	G08G	1/20
	G09G	
	G10H	3/125
	G10H	5/005
	G11B	20/00992
	G11B	20/1262
	G11B	27/00
	G11C	11/22
	G11C	16/00
	H01B	
	H01P	1/045
	H01P	3/06
	H01P	5/085
	H02K	49/00
	H03F	
	H03F	3/08
	H03K	5/15026
	H03M	1/00
	H04J	
	H04J	3/175
	H04L	1/24
	H04L	67/34
	H04M	9/00
	H05B	37/00

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

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

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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 E21C – MINING OR QUARRYING

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	E21C 11/00	0	{Supports or guides for drilling machines; Columns to which the machine is clamped (slitting machines mounted on supports E21C 25/64; guiding, slitting, or dislodging machines E21C 35/08; feed legs E21B19/087)}	
M	E21C 25/64	1	Slitting machines guided solely by hand and either carried by hand or mounted on supports (hand-held power-operated tools E21C 37/22)	

*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; T= 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).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). 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.
- “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.

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- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

SUBCLASS VARIOUS

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	C01B	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:</p> <p>2. General concordance IPC4 or IPC5 to IPC6 groups is as follows: C01B25/37 (partly) : C01B37/002 C01B25/453 : C01B37/00, C01B39/54 C01B33/185 : C01B37/02 C01B33/28 and subgroups : C01B37/00, C01B39/00 C01B35/1009 : C01B37/06, C01B39/12, C01B39/54</p>	<p><u>Replace:</u> Warning 1.</p> <p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: C01B35/16, C01B35/18 covered by C01B35/00</p> <p><u>Delete:</u> Warning 2.</p>
D	G11B	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups are classified in the following CPC groups: G11B 5/667 covered by G11B 5/66 G11B 5/673 covered by G11B 5/66 G11B 5/738 covered by G11B 5/73, G11B 5/733, G11B 5/7334, and G11B 5/736 - G11B 5/7377 G11B 7/30 covered by G11B 7/00 G11B 9/12 - G11B 9/14 covered by G11B 9/00 G11B 11/24 - G11B 11/26 covered by G11B 11/00 G11B 13/08 covered by G11B 13/00</p>	<p><u>Delete:</u> Warning 1.</p>

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

NOTE: The “Location” column only requires the symbol PRIOR to the location of the warning. 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>
A01B	Special rules of classification	The following IPC groups are not used in the internal ECLA classification system. Subject matter covered by these groups is classified in the following ECLA groups: A01B69/04 covered by A01B 69/008 A01B69/06 covered by A01B 69/005 A01B69/08 covered by A01B 69/006	<u>Delete</u> : The following from the Special rules section. The following IPC groups are not used in the internal ECLA classification system. Subject matter covered by these groups is classified in the following ECLA groups: A01B69/04 covered by A01B 69/008 A01B69/06 covered by A01B 69/005 A01B69/08 covered by A01B 69/006
A01K 37/00	Informative references	Artificial insemination A61D7/02	<u>Replace</u> : invalid symbol A61D7/02 with A61D 19/02
A01K 45/00	Informative references	Artificial insemination A61D7/02	<u>Replace</u> : invalid symbol A61D7/02 with A61D 19/02
A01N 43/82	Special rules of classification	NB: The lower IPC subgroups A01N43/824-A01N43/836 are not used.	<u>Delete</u> : the section, and therefore the entire definition.
A01N 53/00	Special rules of classification	The lower IPC subgroups of A01N53/02-A01N53/14 are not used.	<u>Delete</u> : the section, and therefore the entire definition.

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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>
A01N 55/00	Special rules of classification	The lower IPC subgroup A01N55/10 is not used. Organosilicon compounds are classified in A01N 55/00.	<u>Delete</u> : the first sentence. The lower IPC subgroup A01N55/10 is not used.
A23J	Informative references	Protein compositions or phosphatide compositions for pharmaceuticals or cosmetics A61K 8/64, A61K9/38, A61K9/64 ... Use of substances as emulsifying, wetting, dispersing or foam-producing agents B01F17/30	<u>Replace</u> : invalid symbol A61K9/38 with A61K 9/28 <u>Replace</u> : invalid symbol A61K9/64 with A61K 9/50 <u>Replace</u> : invalid symbol B01F17/30 with B01F 17/00
A41C 3/04	Informative references	Suction cups for milking pumps A61M2001/066	<u>Replace</u> : invalid symbol A61M2001/066 with A61M 1/066

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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>
A47G 21/08	Informative references	<p>Controlling members specially adapted for actuation by other parts of the human body than hand or foot G05G1/20</p> <p>Input arrangements for transferring data, in interaction with the human body G06F3/00B8</p> <p>Human body operated eating aid 414/9 (UC)</p> <p>Nursing equipment for supplying foods 4C341/LL01 (FT)</p>	<p>Replace: invalid symbol G05B1/20 with G05G 1/52</p> <p>Replace: invalid symbol G06F3/00B8 with G06F 3/011</p> <p>Delete: the following two rows from the Informative references table.</p> <p>Human body operated eating aid 414/9 (UC)</p> <p>Nursing equipment for supplying foods 4C341/LL01 (FT)</p>
A47G 27/00	Informative references	<p>Manufacturing layered products B32B31/00</p>	<p>Replace: invalid symbol B32B31/00 with B32B 37/00</p>
A61B	Limiting references	<p>Saliva removers combined with instruments for opening or keeping open the mouth (e.g., mouth props, tongue guards, tongue depressors, cheek spreaders) A61C17/10</p>	<p>Replace: invalid symbol A61C17/10 with A61C 17/00</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>
A61B	Special rules of classification	<p>The following IPC groups are not used in the internal ECLA classification scheme. Subject matter covered by these groups is classified in the following ECLA groups:</p> <p>A61B 5/0295 covered by A61B 5/026 A61B 5/151 covered by A61B 5/1411 A61B 5/153 covered by A61B 5/1405 A61B 5/154 covered by A61B 5/1438 A61B 5/157 covered by A61B 5/00 A61B17/03 covered by A61B 17/00 A61B17/125 covered by A61B 17/122 A61B17/138 covered by A61B 17/12 A61B17/76 covered by A61B 17/74 A61B 2017/90 covered by A61B 17/88 A61B17/94 covered by A61B 17/29</p>	<p>Delete: the following seven rows from the Special rules table.</p> <p>A61B 5/157 covered by A61B 5/00</p> <p>A61B17/03 covered by A61B 17/00</p> <p>A61B17/125 covered by A61B 17/122</p> <p>A61B17/138 covered by A61B 17/12</p> <p>A61B17/76 covered by A61B 17/74</p> <p>A61B 2017/90 covered by A61B 17/88</p> <p>A61B17/94 covered by A61B 17/29</p>
A61B 5/0215	Informative references	Solid probes A61M23/00	<p>Replace: invalid symbol A61M23/00 with A61B 17/00, A61M 25/09, A61M 29/00</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>
A61B 6/00	Relationships with other classification places	<Image> The preceding image includes references to A61B 5/00, A61B 8/00, A61B19/52, G01R 33/48, A61B 6/00, G06T, G06F 19/00, G06K 9/00, G01N 23/00, G01V 5/0008, A61N 5/00, G01T 1/00, H01J 35/00, H05G 1/00, G21K 1/02, A61K 49/04, A61K 51/00, A61B19/54.	Delete: the image and the following paragraph. The preceding image includes references to A61B 5/00, A61B 8/00, A61B19/52, G01R 33/48, A61B 6/00, G06T, G06F 19/00, G06K 9/00, G01N 23/00, G01V 5/0008, A61N 5/00, G01T 1/00, H01J 35/00, H05G 1/00, G21K 1/02, A61K 49/04, A61K 51/00, A61B19/54.
A61B 2090/3987	Informative references	Devices for implanting pellets, radium seeds or the like A61M37/04	Replace: invalid symbol A61M37/04 with A61M 37/0069
A61F 2/95	Informative references	Closing wounds, or holding wounds closed A61B17/03	Replace: invalid symbol A61B17/03 with A61B 17/04 - A61B 17/115
A61F 9/008	Special rules of classification	The IPC groups A61F9/01 and A61F9/011 are not used.	Delete: the following line from the Special rules section The IPC groups A61F9/01 and A61F9/011 are not used.
A61H 1/0218	Informative references	Interface with user for active exercising A63B21/14	Replace: invalid symbol A63B21/14 with A63B 21/40
A61H 33/14	Informative references	Sealing means for masks A61M2016/0627	Replace: invalid symbol A61M2016/0627 with A61M 16/0627
A61H 35/00	Informative references	Bidets without upward-spraying means A47K3/22	Replace: invalid symbol A47K3/22 with A47K 3/26

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A61J 3/002	Limiting references	Bottling liquids B67C, B67C1/00	Replace: invalid symbol B67C1/00 with B08B 9/20 Delete: the symbol B67C
A61K 8/02	Special rules of classification	Compositions characterized by special physical form should be classified in group A61K 8/02 together with the appropriate Indexing Code under A61K2201/10 or subgroups, if it exists.	Replace: the existing paragraph with the following. Compositions characterized by special physical form should be classified in group A61K 8/02 together with the appropriate Indexing Code under A61K 2800/00.
A61K 8/046	Special rules of classification	Effervescent compositions should be classified in subclass A61K 8/046 together with the Indexing Code A61K2201/045.	Replace: the existing paragraph with the following. Effervescent compositions should be classified in subclass A61K 8/046 together with the appropriate Indexing Code under A61K 2800/00.
A61K 8/14	Special rules of classification	Nanosomes and nanovesicles should be classified in subclass A61K 8/14 together with the Indexing Code A61K2201/103.	Replace: the existing paragraph with the following. Nanosomes and nanovesicles should be classified in subclass A61K 8/14 together with the appropriate Indexing Code under A61K 2800/00.

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A61L	Special rules of classification	Multiple classification When enzymes or microorganisms are used within processes fully provided for in subclass A61L in order to liberate, separate or purify a preexisting compound or composition or to treat or clean textiles or solid material surfaces, they should also be classified in subclass C12S based upon its (1) Note to provide a complete search.	Delete: the following. <u>Multiple classification</u> When enzymes or microorganisms are used within processes fully provided for in subclass A61L in order to liberate, separate or purify a preexisting compound or composition or to treat or clean textiles or solid material surfaces, they should also be classified in subclass C12Y based upon its (1) Note to provide a complete search.
A61M	Special rules of classification	Main group A61M36/00 takes precedence over all other main groups of subclass A61M.	Delete: the following line. Main group A61M36/00 takes precedence over all other main groups of subclass A61M.
A61M 2025/0183	Informative references	Rapid exchange or monorail catheters as well in A61F2/84, A61N, A61B 17/00	Replace: invalid symbol A61F2/82 with A61F 2/95

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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>
A61Q	Special rules of classification	<p>This subclass is always combined with the subclass A61K 8/00 and can be further classified in A61K2201/00 and/or A61Q.</p> <p>Compositions or compounds characterized by specific properties A61K2201/00 and subgroups (ex: peeling preparations in A61K2201/08)</p>	<p>Replace: the existing text “This subclass... and/or A61Q” with the following.</p> <p>This subclass is always combined with the subclass A61K 8/00 and can be further classified in A61K 2800/00 and/or A61Q.</p> <p>Replace: the existing text “Compositions or compounds characterized by specific properties” with the following.</p> <p>Properties of cosmetic compositions or active ingredients thereof or formulation aids used therein and process related aspects</p> <p>Replace: the existing text “A61K2201/00 and subgroups (ex: peeling preparations in A61K2201/08)” with the following.</p> <p>A61K 2800/00 and subgroups</p>
A61Q 3/00	Special rules of classification	Compositions for the in situ formation of artificial nails should be classified in A61K 8/02 together with the Indexing Code A61K2201/131.	<p>Replace: the existing text with the following.</p> <p>Compositions for the in situ formation of artificial nails should be classified in A61K 8/02 together with the appropriate Indexing Code under A61K 2800/00.</p>

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A61Q 5/065	Special rules of classification	Hair dye compositions containing a direct dye and an oxidising agent, "lightening compositions" ("compositions éclaircissante") should be classified in A61Q 5/065 together with the Indexing Code A61K2201/023.	Replace: invalid symbol A61K2201/023 with A61K 2800/434
A61Q 17/04	Limiting references	Indexing Code A61K2201/062	Delete: the following row Indexing Code A61K2201/062
A61Q 17/04	Special rules of classification	Preparations for treating skin and hair damage due to free radical action from external sources, e.g. sun damage, should be classified in A61Q 17/04 together with the Indexing Code A61K2201/062	Replace: invalid symbol A61K2201/062 with A61K 2800/522
A61Q 19/00	Special rules of classification	Peeling and exfoliating compositions should be classified in A61Q 19/00 together with the Indexing Code A61K2201/08.	Replace: invalid symbol A61K2201/08 with A61K 2800/28
A61Q 19/02	Informative references	Tattoo removing compositions A61Q 19/02 Indexing Code A61K2201/125	Delete: the entire section. Add: new Special rules section with the following text. Tattoo removing compositions should be classified in A61Q 19/02 together with the appropriate Indexing Code under A61K 2800/00 .

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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>
A61Q 19/08	Special rules of classification	Preparations for treating ageing of skin and hair due to free radical action should be classified in A61Q 19/08 together with the Indexing Code A61K2201/062.	Replace: invalid symbol A61K2201/062 with A61K 2800/522
A62D 1/00	Special rules of classification	<p>The following IPC groups are not used in the internal ECLA classification scheme. Subject matter covered by these groups is classified in the following ECLA groups:</p> <p>A62D1/02 covered by A62D 1/0007, A62D 1/0071</p> <p>A62D1/04 covered by A62D 1/0071</p> <p>A62D1/08 covered by A62D 1/0007 - A62D 1/0028, A62D 1/0057, A62D 1/0092</p>	Delete: the entire 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>
A62D 3/00	Relationships with other classification places	When enzymes or microorganisms are used within processes fully provided for in subclass A62D in order to liberate, separate or purify a pre-existing compound or composition or to treat or clean textiles or solid material surfaces, they should also be classified in subclass C12S based upon its Note (1) to provide a complete search.	Delete: the following paragraph. When enzymes or microorganisms are used within processes fully provided for in subclass A62D in order to liberate, separate or purify a pre-existing compound or composition or to treat or clean textiles or solid material surfaces, they should also be classified in subclass C12S based upon its Note (1) to provide a complete search.
A63B 23/02	Informative references	Exercising belts without indicating means A63B21/26	Replace: invalid symbol A63B21/26 with A63B 21/00
A63B 23/18	Informative references	Means for creating vibrations in patient's airways A61M2016/0006	Replace: invalid symbol A61M2016/0006 with A61M 16/0006
A63B 65/12	Informative references	Apparatus for projecting balls for indoor games A63F7/10	Replace: invalid symbol A63F7/10 with A63F 7/24

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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>
A63C 5/12	Informative references	Skis with plurality of bonded layers of synthetic material (IPC only) A63C5/14 Materials processing for skis B29L2031/5364	Delete: the following two rows from the Informative references table. Skis with plurality of bonded layers of synthetic material (IPC only) A63C5/14 Materials processing for skis B29L2031/5364
A63C 11/003	Informative references	Lights F21K7/00, F21S 9/04	Replace: invalid symbol F21K7/00 with F21K 99/00
A63C 11/224	Informative references	Multifunction wrist watch G04G1/00	Replace: invalid symbol G04G1/00 with G04G 99/00
A63F 13/235	Informative references	transmission through free space H04B10/10	Replace: invalid symbol H04B10/10 with H04B 10/11
A63F 13/327	Informative references	transmission through free space H04B10/10	Replace: invalid symbol H04B10/10 with H04B 10/11
B01D 15/00	Special rules of classification	<ul style="list-style-type: none"> The IPC group B01D15/04 is not used in the CPC classification scheme. Subject-matter covered by this group is classified in B01J 39/00 - B01J 49/90. 	Delete: the following bulleted line. <ul style="list-style-type: none"> The IPC group B01D15/04 is not used in the CPC classification scheme. Subject-matter covered by this group is classified in B01J 39/00 - B01J 49/90.
B01F 3/0807	Limiting references	Cosmetics A61K7/00	Replace: invalid symbol A61K7/00 with A61K 8/00

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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>
B01J 2/18	Special rules of classification	Processes for granulating materials in general using a pressure or shock waves will be classified in B01J 2/18, B01J9/10 and B01J 3/08	Replace: invalid symbol B01J9/10 with B01J 19/10
B09B	Informative references	Disintegrating by knives or other cutting or tearing members, which chop material into fragments, specially adapted for disintegrating garbage, waste or sewage B02C18/40	Replace: invalid symbol B02C18/40 with B02C 18/00 Delete: the following text. “, specially adapted for disintegrating garbage, waste or sewage”

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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>
B22C	Special rules of classification	<p>The following IPC groups are not used in the internal ECLA classification scheme.</p> <p>Subject matter covered by these groups is classified in the following ECLA groups :</p> <p>B22C3/02 covered by B22C 3/00</p> <p>B22C5/13 covered by B22C 5/12</p> <p>B22C7/05 covered by B22C 7/04</p> <p>B22C9/11 covered by B22C 9/10</p> <p>B22C9/14 covered by B22C 9/12</p> <p>B22C9/16 covered by B22C 9/12</p> <p>B22C15/264 - B22C15/276 covered by B22C 15/23</p> <p>B22C19/01 covered by B22C 19/00</p>	Delete: the entire section.

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<p>B23B</p>	<p>Special rules of classification</p>	<p>Note that the IPC groups and subgroups shown in the following table are missing from ECLA. The table shows where documents that fall under these IPC headings are classed in ECLA:</p> <p><Table> IPC Symbol</p> <p>In ECLA</p> <p>B23B15/00 Arrangements for loading or discharging workpieces B23B 7/00</p> <p>B23B17/00 Lathe beds B23Q 1/01</p> <p>B23B19/00 Headstocks B23Q 1/70</p> <p>B23B21/00 Lathe carriages B23Q 1/25</p> <p>B23B45/14 Stands for portable drilling machines B25H 1/0021</p> <p>B23B45/16 Portable drilling machines with superimposed percussion B25D 16/00</p> <p>B23B47/02 - B23B47/24 Drive or feed mechanisms for drilling machines B23Q 5/00</p>	<p>Delete: the following paragraph and the table underneath</p> <p>Note that the IPC groups and subgroups shown in the following table are missing from ECLA. The table shows where documents that fall under these IPC headings are classed in ECLA:</p> <p><Table></p>
<p>B23B 5/00</p>	<p>Definition statement</p>	<p>machines for turning wheel-sets on trains (B23B 5/28 & B23B5/30).</p>	<p>Delete: the following text from the fifth bullet.</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>
			" & B23B5/30"
B23B 31/00	Definition statement	<p>Actuated by spiral groove. IC is B23B31/163 B23B 31/16045; Actuated by oblique rack, IC is B23B31/165. Actuated by screws and nuts, IC is B23B31/167. B23B 27/1625; Actuated by gears and racks. IC is B23B31/169. B23B 31/1612; Actuated by cam in plane perpendicular to chuck axis IC is B23B31/171 B23B 31/16158; Actuated by coaxial conical surfaces. IC is B23B31/173 B23B 31/16195; Actuated by pivoting levers (bellcranks). IC is B23B31/175. B23B 31/16233; Actuated by oblique surfaces of coaxial rod (usually T-slots). IC is B23B31/177.</p>	<p>Delete: the following text. "IC is B23B31/163" ", IC is B23B31/165" ", IC is B23B31/167" "IC is B23B31/169." "IC is B23B31/171" "IC is B23B31/173" "IC is B23B31/175." "IC is B23B31/177."</p>
B23B 31/00	Definition statement	<p>See notes to B23B 31/117 and B23B31/04.</p> <p>Includes chucks for shanks of tools (documents which were previously classed in B23B31/04, which has since been deleted).</p>	<p>Delete: the following text. "and B23B31/04"</p> <p>Delete: the following text. "(documents which were previously classed in B23B31/04, which has since been deleted)"</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>
B23B 45/00	Definition statement	IPC class B23B45/14, relating to means for holding or guiding the drilling device or securing it to the work, is missing from ECLA as documents relating to stands for portable drills are classed in B25H 1/0021. Similarly IPC class B23B45/16 is missing from ECLA as documents relating to portable drilling machines having superimposed percussion are classified in B25D 16/00 if the percussion is in an axial direction.	Delete: the following sentences from the first paragraph of the section. IPC class B23B45/14, relating to means for holding or guiding the drilling device or securing it to the work, is missing from ECLA as documents relating to stands for portable drills are classed in B25H 1/0021. Similarly IPC class B23B45/16 is missing from ECLA as documents relating to portable drilling machines having superimposed percussion are classified in B25D 16/00 if the percussion is in an axial direction.
B23B 47/00	Relationships with other classification places	IPC Classes B23B47/02 - B23B47/24 not present in EC as documents for constructional features of drive and feed mechanisms are classed in B23Q.	Replace: with the following text. Contrary to the IPC, documents for constructional features of drive and feed mechanisms are classified in B23Q.
B23K 35/00	Special rules of classification	The IPC groups B23K35/04 - B23K35/20 are not used and instead covered by B23K 35/0205 - B23K 35/0294 , while IPC group B23K35/363 is covered by B23K 35/3601 - B23K 35/3618.	Delete: the first sentence of the paragraph. The IPC groups B23K35/04 - B23K35/20 are not used and instead covered by B23K 35/0205 - B23K 35/0294 , while IPC group B23K35/363 is covered by B23K 35/3601 - B23K 35/3618.

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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>
B23P 19/047	Informative references	Assembling sealing arrangements with vehicle parts B60J10/45 Joining weather strips or seals B62D65/08	Replace: "Assembling sealing arrangements with vehicle parts B60J10/45" with: Assembly of weather strips or seals with vehicle parts B60J10/45 Delete: the following row. Joining weather strips or seals B62D65/08
B24D	Relationships with other classification places	The manufacture of abrasive articles or shaped materials containing macromolecular substances, e.g. as bonding agent, is covered by C08J5/14.	Delete: this paragraph.
B24D	Informative references	Manufacture of abrasive articles or shaped materials containing macromolecular (polymeric) substances C08J5/14	Delete: this row.
B25D	Informative references	Hand tools for fitting together or separating parts employing impacting means B25B27/067	Replace: invalid symbol B25B27/067 with B25B 27/06
B25D	Relationships with other classification places	Mortise chisels for wood-working are classified in B27G17/08.	Delete: this sentence from the end of the third paragraph.

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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>
B25D	Definition statement		Add: the following paragraph after the existing bullet points. Mortise chisels for wood-working are classified in the group B25D3/00, rather than in the group B27G17/00.
B25D	Limiting references	Mortise chisels for wood-working B27G17/08	Delete: this row.
B25D 3/00	Application-oriented references	Mortise chisels for wood-working B27G17/08	Delete: the entire section.
B25F	Informative references	Portable percussive tools with fluid-pressure drive, electromotor drive or electromagnetic drive B25D 9/00, B25D13/00	Replace: invalid symbol B25D13/00 with B25D 11/064
B26D	Application-oriented references	Hand- or power-operated cutting devices for opening closed containers B67B7/46	Replace: invalid symbol B67B7/46 with the range B67B 7/30-B67B 7/385
B27G 17/00	Definition statement	Note B27G17/08 (Chisels) not used see B25D 3/00.	Delete: the following text. Note B27G17/08 (Chisels) not used see B25D 3/00.
B27G 17/00	Limiting references		Add: a new Limiting reference section using the following reference. Limiting references Hand chisels B25D 3/00

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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>
B27N 3/06	Limiting references	Lamination of pressed boards B32B31/00	Replace: invalid symbol B32B31/00 with B32B 37/10
B27N 7/005	Limiting references	Lamination of pressed boards B32B31/00	Replace: invalid symbol B32B31/00 with B32B 37/10
B29C 37/02	Informative references	Cutting work characterised by the nature of the cutting made B29D3/00	Replace: invalid symbol B29D3/00 with B29C 70/00
B29C 45/14639	Informative references	Capacitors H01G 13/00, H01G1/10	Replace: invalid symbol H01G1/10 with H01G 4/002
B29C 49/0005	Special rules of classification	If reinforcing material is comprised in the material to be thermoformed, then the following Indexing Codes should additionally be allocated: B29K 2105/06 - B29K2105/22, B29K 2201/00 - B29K 2313/02	Replace: with the following. If reinforcing material is comprised in the material to be thermoformed, then the following Indexing Codes should additionally be allocated: the appropriate subgroups of B29K 2105/06 and B29K 2201/00 - B29K 2313/00 .
B29D 30/00	Limiting references	Means for sealing or repairing damaged tyres B60C21/00 Self-sealing arrangements or agents B60C21/08	Replace: invalid symbol B60C21/00 with B29C 73/00 Replace: invalid symbol B60C21/08 with B29C 73/16
B43K 21/00	Informative references	Layered products e.g. tubular B32B31/00	Replace: invalid symbol B32B31/00 with B32B 37/28

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B60J 5/00	Informative references	Locks for vehicles E05B65/12	Replace: invalid symbol E05B65/12 with range E05B 77/00 – E05B 85/00
B60K 15/04	Informative references	Apparatus or devices for transferring liquids B67D5/00 Arrangements for controlling, indicating registering quantity or price of liquid transferred B67D5/08	Delete: the following row: Apparatus or devices for transferring liquids B67D5/00 Replace: invalid symbol B67D5/08 with B67D 7/08
B60R 25/00	Limiting references	Antitheft of boats B62J5/00	Delete: this row.
B61D 19/00	Informative references	Locking means for railway freight cars E05B65/14, E05B65/20	Replace: invalid symbols E05B65/14 and E05B65/20 with the range E05B 83/02 - E05B 83/14
B63G	Informative references	Submerged exhausting apparatus F01N7/12	Replace: invalid symbol F01N7/12 with F01N 13/12
B63G 8/00	Informative references	Submerged exhausting apparatus F01N7/12	Replace: invalid symbol F01N7/12 with F01N 13/12
B64F 1/20	Informative references	Lights F21Q	Replace: invalid symbol F21Q with F21S
B65D 83/643	Limiting references	Fire extinguishers A62C5/08, A62C13/58, A62C35/48	Replace: this row with the following. For pressure gas in portable fire extinguishers A62C 13/02

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B65D 88/62	Limiting references	For transferring liquids other than fuel or lubricant B67D5/02 For transferring fuels, lubricants, or mixture thereof B67D5/04	Delete: the entire section.
B65D 88/62	Informative references		Add: the following two new rows. For transferring liquids other than fuel or lubricant B67D 7/02 For transferring fuels, lubricants, or mixture thereof B67D 7/04
B65D 88/74	Limiting references	Adaptations of heating or cooling devices for liquids to be transferred B67D5/62	Replace: invalid symbol B67D5/62 with B67D 7/80
B65D 90/0013	Limiting references	Locks or fastenings for railway freight cars or the like, for lorries, for forwarding containers E05B65/14	Replace: invalid symbol E05B65/14 with the range E05B 83/02 - E05B 83/14
B65D 90/008	Limiting references	Locking for back doors of vehicles in general E05B65/12 Locking for back doors of a van or container E05B65/16	Delete: the following row. Locking for back doors of vehicles in general E05B65/12 Replace: invalid symbol E05B65/16 with E05B 83/12

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B65D 2585/56	Special rules of classification	B65D85/56 does not exist as a class	<u>Delete</u> : the entire section.
B65H 75/34	Informative references	Reeling or storing devices in dispensing liquids B67D5/365	<u>Delete</u> : this row.
B66D 3/04	Relationships with other classification places	sheaves F16H55/04	<u>Delete</u> : the entire definition.
B81C	Informative references	Manufacturing microneedles by plastic moulding B29C27/00	<u>Replace</u> : invalid symbol B29C27/00 with B29C 65/00
C01B	Relationships with other classification places	Processes using enzymes or microorganisms in order to: <ul style="list-style-type: none"> • liberate, separate or purify a pre-existing compound or composition, or to • treat textiles or clean solid surfaces of materials are further classified in subclass C12S. 	<u>Delete</u> : paragraph and bullets.
C01C 1/083	Informative references	Treatment of molasses in general: C13J	<u>Delete</u> : the colon after "general" and replace invalid symbol C13J with C13B 50/006

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C04B 18/24	Limiting references	Processing, machining of boards fabricated from pressed wood fibers B29J5/00	<u>Replace</u> : invalid symbol B29J5/00 with B27N 3/04 , B27N 3/06
C04B 35/491	Informative references	Piezo-electric devices; Electrostrictive devices; Magnetostrictive devices; Processes or apparatus peculiar to the manufacture or treatment thereof or of parts thereof; Details thereof of devices of ceramic compositions H01L41/24	<u>Replace</u> : invalid symbol H01L41/24 with H01L 41/39
C04B 35/6267	Limiting references	Carbonisation of organic material into carbon powders C04B31/02 and subgroups	<u>Replace</u> : "C04B31/02 and subgroups" with C04B 16/00
C08F	Relationships with other classification places	Biocidal, pest-repellant, pest-attractant or plant growth regulatory activity of compounds or preparations is further classified in subclass A01N. Processes using enzymes or microorganisms in order to liberate, separate or purify a pre-existing compound or composition, or to treat textiles or clean solid surfaces of materials, are further classified in subclass C12R.	<u>Delete</u> : these paragraphs.

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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>
C08G	Relationships with other classification places	<p>Multiple classification</p> <p>Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass A01P.</p> <p>Therapeutic activity of macromolecular compounds is further classified in subclass A61P (as secondary classification).</p> <p>The use of cosmetics or similar toilet preparations is further classified in subclass A61Q.</p> <p>Processes using enzymes or microorganisms in order to (i) liberate, separate or purify a pre-existing compound or composition, or to (ii) treat textiles or clean solid surfaces of materials, are further classified in subclass C12S.</p>	Delete: paragraphs 1 (Application ...) and 4 (Processes ...)
C08G	Application-oriented references	Application for the treatment of fibres with polymers D06M5/00	Replace: invalid symbol D06M5/00 with D06M 15/00

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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>
C08H	Relationships with other classification places	<p>Biocidal, pest-repellent, pest-attractant or plant growth regulatory activity of compounds or preparations is further classified in subclass A01P.</p> <p>Processes using enzymes or microorganisms in order to</p> <ul style="list-style-type: none"> • liberate, separate or purify a pre-existing compound or composition, or to • treat textiles or clean solid surfaces of materials, are further classified in subclass C12S. 	Delete: these paragraphs and bullets.

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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>
C08L	Relationships with other classification places	<p>Multiple classification</p> <p>Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass A01N.</p> <p>Therapeutic activity of macromolecular compounds is further classified in subclass A61P (as secondary classification).</p> <p>The use of cosmetics or similar toilet preparations is further classified in subclass A61Q.</p> <p>Processes using enzymes or microorganisms in order to (i) liberate, separate or purify a pre-existing compound or composition, or to (ii) treat textiles or clean solid surfaces of materials, are further classified in subclass C12P.</p>	Delete: paragraphs 1 (Application ...) and 4 (Processes ...)

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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>
C08L 23/00	Relationships with other classification places	Application of macromolecular compositions as biocides, pest-repellants, pest-attractants, or plant growth activity regulators is further classified in subclass A01P.	Delete: this paragraph.
C09C 1/482	Limiting references	Processing of used rubber in general B29H19/00	Replace: invalid symbol B29H19/00 with B29B 17/00
C09K 8/00	Limiting references	Oil recovery from bituminous sands C10G31/04	Replace: invalid symbol C10G31/04 with C10G 32/04
C10B	Informative references	Processing of used rubber in general B29H19/00	Replace: invalid symbol B29H19/00 with B29B 17/00
C10G	Relationships with other classification places	Processes using enzymes or microorganisms in order to liberate, separate or purify a pre-existing compound or composition, or to treat textiles or clean solid surfaces of materials are further classified in subclass C12S.	Delete: this paragraph.
C11B 9/00	Limiting references	Synthesis of perfume compounds and the compounds per se C07C 1/00, C07D1/00	Delete: invalid symbol C07D1/00 and the comma preceding it.

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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>
C12N 1/00	Informative references	Whey preparations containing microorganisms A23C1/02	Replace: invalid symbol A23C1/02 with A23C 21/02
C12P	Informative references	Removal of alcohol from alcoholic beverages C12H3/00 (IPC only) Processes using enzymes or microorganisms to liberate, separate or purify a pre-existing compound or composition C12S (IPC only) Recovery/purification of carbohydrates C12S3/02 (IPC only) Recovery/purification of cellulose C12S3/04 (IPC only)	Delete: these four rows.
C12P	Relationships with other classification places	Contrarily to the IPC practice, the C12S scheme is not used for classification in CPC.	Delete: this paragraph.
C12P	Informative references	Methods for enhanced recovery of hydrocarbons using bacteria E21B43/22	Replace: invalid symbol E21B43/22 with C09K 8/58

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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>
C22B	Special rules of classification	Process using enzymes or microorganisms in order to liberate, separate or purify a pre-existing compound or composition, or to treat textiles or clean solid materials are further classified in subclass C12S.	Delete: this paragraph.
C22C	Special rules of classification	Rules for indexing compositions, composites and layers in C22C and B22: Classes: C22C 1/04+, C22C 1/05+, C22C1/09+, C22C 1/10+, C22C 26/00+, C22C 29/00+, C22C 32/00+, C22C 33/02+, B22F.	Delete: "C22C1/09+,"
C23F	Relationships with other classification places	Processes using enzymes or microorganisms in order to: liberate, separate or purify a pre-existing compound or composition, or to treat textiles or clean solid surfaces of materials are further classified in subclass C12S.	Delete: these four paragraphs.
C25B	Informative references	Electrodialysis, electroosmosis B01D13/02, B01D 61/42	Delete: invalid symbol B01D13/02 and the comma following.

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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>
E01D 1/00	Limiting references	Suspension ferries E01D13/00	Delete: the following row. Suspension ferries E01D13/00 Add: this following row. Bridges characterised by a combination of structures E01D12/00
E04C 3/02	Informative references	Girders for bridges E01D9/00	Delete: this row.
F01L	Informative references	In rotary-piston pumps for liquid, control of working-fluid admission or discharge F04C15/02 In rotary-piston pumps for elastic fluids, control of working-fluid admission or discharge F04C29/08	Replace: invalid symbol F04C15/02 with F04C 15/06 Replace: invalid symbol F04C29/08 with F04C 29/12
F01N 3/00	Informative references	Verifying (urea) quality, refractometers G01N21/14	Replace: invalid symbol G01N21/14 with G01N 21/4133
F01N 13/00	Special rules of classification	F01N7/08, pipe details, curvature, deformation, special position of pipe in relation to a vehicle part, further details should be also classified in F01N 2470/00 and below.	Replace: invalid symbol F01N7/08 with F01N 13/08

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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>
F02M47/027	Informative references	Details of injection valves F02M 61/00, F02M2063/0082	Replace: invalid symbol F02M2063/0082 with F02M 2200/00
F02M 51/0603	Informative references	Linkage between operating means and valve member F02M2063/0087	Replace: invalid symbol F02M2063/0087 with F02M 2200/70
F02M 63/0012	Special rules of classification	Not to be used to characterise fuel injection valves, i.e. fuel injectors, unless they have pertinent characteristics or have details, component parts or accessories not provided for in F02M 61/00, F02M 51/06, or Indexing Codes F02M2063/0082.	Replace: invalid symbol F02M2063/0082 with F02M 2200/00
F15B 13/00	Special rules of classification	F15B 1/04, F15B1/06, F15B 3/00, F15B 5/00, F15B 7/08, F15B 11/02, F15B 11/10, F15B 15/00, F15B 2201/00 take precedence	Delete: the entire section.
F16G 3/10	Informative references	Vulcanizing processes and devices B29H5/00	Delete: this row
F16G 11/00	Informative references	Rope safety clamp devices A62B35/02, A62B 35/04, A62B 1/14	Delete: invalid symbol A62B35/02 and the comma following.

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F16G 11/10	Informative references	Rope safety clamp devices A62B35/02, A62B 35/04, A62B 1/14	Delete: invalid symbol A62B35/02 and the comma following.
F17C 2205/0302	Informative references	Filling nozzles B67D5/37	Replace: invalid symbol B67D5/37 with B67D 7/42
F17C2265/06	Informative references	Apparatus or devices for transferring liquids B67D5/00	Delete: the entire section.
F23C 99/00	Special rules of classification	F23C11/00 - F23C11/00M are not used anymore for classification, please refer to subgroups F23C 99/00 - F23C99/40 instead.	Delete: the entire section.
F23Q	Application-oriented references	Ignition of light sources using charges of combustible material F21K5/12	Replace: invalid symbol F21K5/12 with F21K 5/023
F25B 37/00	Informative references	Absorption or adsorption in general B01J1/22	Delete: this row.
F25D	Informative references	Heat insulating devices, e.g. jackets for flasks, for laboratory B01L11/02	Replace: invalid symbol B01L11/02 with B01L 7/04
F28D 13/00	Limiting references	Fluidized bed combustors F23C11/02	Replace: invalid symbol F23C11/02 with F23C 10/00
F28F 27/00	Informative references	Thermal testing G01M19/00	Replace: invalid symbol G01M19/00 with G01M 99/00

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F41B 11/00	Special rules of classification	Every single compressed gas gun will inherently comprise a valve - DO NOT classify them in F41B11/32 if the valve as such is not relevant for the invention.	Replace: invalid symbol F41B11/32 with F41B 11/72 Replace: "DO NOT" with "Do not"
F41B 11/72	Special rules of classification	Every single compressed gas gun will inherently comprise a valve - DO NOT classify them in F41B11/32 if the valve as such is not relevant for the invention.	Replace: invalid symbol F41B11/32 with F41B 11/72 Replace: "DO NOT" with "Do not"
F41F 1/00	Limiting references	Compressed gas guns adapted to discharge harpoons F41B11/08	Replace: invalid symbol F41B11/08 with F41B 11/83
G01C 3/00	Informative references	Range finding by image processing G06T7/60	Delete: this row from the Informative references table.
G01C 21/26	Informative references	Locating mobile subscriber using cellular telephony H04Q7/3855, H04W 64/00	Delete: invalid symbol H04Q7/3855 and the comma following.
G01J 9/00	Informative references	Optical wavelength measurement for wavelength division multiplexing and telecom applications H04B10/18, H04J 14/00	Delete: invalid symbol H04B10/18, and the comma following it.

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G01N 33/98	Informative references	Biological Pharmaceutical preparations A61K 35/00 - A61K35/84, A61K 38/00 - A61K 39/44, A61K 45/00 - A61K 45/05, A61K	Replace: "A61K 35/00 – A61K 35/84" with the following. A61K 35/00 - A61K 48/00
G01N 33/98	Informative references	Laboratory Apparatus	Replace: B01L1/00- B01L11/02 with B01L
G01S 15/8993	Limiting references	Manipulating 3D images G06T17/40	Replace: invalid symbol G06T17/40 with G06T 19/00
G03H 1/02	Informative references	Layered product B32B 27/00, B32B31/00, B32B 33/00	Replace: invalid symbol B32B31/00 with B32B 37/00 (and place after reference to B32B33/00)
G03H 5/00	Informative references	Investigating and forming a picture of materials by the use of nuclear magnetic resonance, electron paramagnetic resonance or other spin effects G01N24/04	Replace: invalid symbol G01N24/04 with G01R 33/20
G04G 21/00	Special rules of classification	G04G1/02 and subgroups has been planned, within an IP5 reorganization project, to be moved to a dedicated IPC group, thereby separating the measuring instruments and leaving in G04G 21/00 only the properly named I/O devices.	Delete: the entire 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>
G06F 3/16	Limiting references		<p>Add: the following six rows.</p> <p>Production of synthetic speech signals G10L 13/00</p> <p>Recognition of speech G10L 15/00</p> <p>Coding/decoding of audio signals for compression and expansion G10L 19/00</p> <p>Modification of speech signals, speech enhancement, source separation G10L 21/00</p> <p>Noise filtering or echo cancellation in an audio signal G10L 21/02</p> <p>Processing of speech or voice signals in general G10L 25/00</p>

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<p>G06F 3/16</p>	<p>Relationships with other classification places</p>	<p>information retrieval of audio data G06F16/60;</p> <p>production of synthetic speech signals G10L13/00;</p> <p>recognition of speech G10L15/00;</p> <p>measurement of sound waves in general G01H;</p> <p>image data processing G06T;</p> <p>teaching or communicating with the blind, deaf or mute G09B;</p> <p>electronic musical instruments G10H;</p> <p>sound production G10K</p> <p>information storage, e.g. sound storage, G11B;</p> <p>electronic circuits for sound generation H03B;</p> <p>electronic filters H03H;</p> <p>coding, decoding or code conversion, error protection in general H03M;</p> <p>telephonic communication H04M;</p> <p>switching systems H04Q</p> <p>microphone arrangements, hearing</p>	<p>Delete: this 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>
		aids, public address systems H04R; spatial sound reproduction H04S;	
G06F 3/16	Informative references		Add: the following row. Speech analysis or synthesis; speech recognition; speech or voice processing; speech or audio coding or decoding G10L
G06F 3/162	Limiting references	Interfacing to a peripheral in general: G06F 13/385 CODECs as such: G10L19/14	Delete: the following text. Interfacing to a peripheral in general: G06F 13/385 CODECs as such: G10L19/14 Add: table with the following two new rows. Interfacing to a peripheral in general G06F 13/385 CODECs per se G10L 19/16 , G10L 19/24

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G06F 9/45516	Special rules of classification	Compilation techniques that occur at runtime but that are independent of the runtime aspect, i.e. that might equally well be used in an offline context, should be classified in G06F9/45 and get Indexing Code G06F 9/45516 .	Delete: the entire section.
G06F 11/36	Relationships with other classification places	Compiling; G06F9/45	Replace: invalid symbol G06F9/45 with G06F 8/41
G06F 17/20	Limiting references	Parsing of computer code G06F9/45 Translation, e.g. compilation, of computer code G06F9/45	Replace: invalid symbol G06F9/45 (first occurrence) with G06F 8/427 and G06F9/45 (second occurrence) with G06F 8/41
G06F 17/50	Limiting references	Software tools G06F 9/44, G06F9/45	Delete: invalid symbol G06F9/45 and preceding comma.
G06K 19/07	Informative references	Switched networks for telephone systems H04Q7/00	Delete: this row.
G06M	Informative references	Inhalers incorporating mechanisms for counting actuations A61M2015/0068	Replace: invalid symbol A61M2015/0068 with A61M 15/0068

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G06Q 10/06	Limiting references	Arrangements for executing specific programmes for compilation or interpretation of high level programme languages G06F9/45	Replace: invalid symbol G06F9/45 with G06F 8/40
G08G 1/123	Informative references	Location of subscribers H04Q7/3855	Replace: invalid symbol H04Q7/3855 with H04W 64/00
G08G 1/127	Informative references	Details of containers B67D5/01 Subscribers connected via radiolinks or inductive links: supplementary selecting services H04Q7/221	Delete: these two rows.
G08G 1/127	Informative references	Devices in which the computing operation is performed by varying electric or magnetic quantities analogue computers / for direction-finding, locating, velocity G06G 7/78	Delete: the following text. Devices in which the computing operation is performed by varying electric or magnetic quantities analogue computers / for direction-finding, locating, velocity G06G 7/78 Replace: with the following text. Analogue computers for direction-finding, locating or velocity G06G 7/78

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G08G 1/20	Informative references	Mobile subscribers locations H04Q7/3855 stolen cars B60R25/10D2 ACC B60W3/02 Distance control B60W3/04 Combination of GPS with other systems G01S5/14B3 Wireless LANs H04L12/28W	Replace: invalid symbol H04W7/3855 with H04W 64/00 Replace: invalid symbol B60R25/10D2 with B60R 2025/1016 Replace: invalid symbol B60W3/02 with B60W 30/14 Replace: invalid symbol B60W3/04 with B60W 30/16 Replace: invalid symbol G01S5/14B3 with G01S 19/45 Replace: invalid symbol H04L12/28W with H04L 12/28
G09G	Limiting references	Stereoscopic television systems H04N 13/00, H04N15/00	Delete: invalid symbol H04N15/00 and the comma preceding it.
G10H 3/125	Informative references	Pitch determination of speech signals in general G10L11/04	Replace: invalid symbol G10L11/04 with G10L 25/90
G10H 5/005	Informative references	Pitch determination of speech signal in general G10L11/04	Replace: invalid symbol G10L11/04 with G10L 25/90
G11B 20/00992	Informative references	Stereo broadcasting, AM/FM radio transmission H04H5/00	Replace: invalid symbol H04H5/00 with H04H 20/47

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G11B 20/1262	Informative references	Optical aspects of how to record the same data in two different forms of an optical record carrier G11B7/20	Replace: invalid symbol G11B7/20 with G11B 7/14
G11B 27/00	Informative references	Animation (editing) G06T 13/00, G06T15/70	Delete: invalid symbol G06T15/70 and the comma preceding it.
G11B 27/00	Limiting references	Audio broadcast recording H04H1/02	Replace: invalid symbol H04H1/02 with H04H 60/27
G11C 11/22	Informative references	Ferroelectric capacitors per se H01G1/00	Replace: invalid symbol H01G1/00 with H01G 4/002
G11C 16/00	Limiting references	Fabrication of EPROM H01L21/8247	Replace: invalid symbol H01L21/8247 with H01L 27/115
H01B	Limiting references	Insulating paper D21H27/12	Delete: this row.
H01P 1/045	Informative references	Coaxial connectors for coaxial cables H01R17/12	Replace: this row with the following. Coaxed connectors specifically adapted for high frequency H01R 24/40 - H01R 24/56
H01P 3/06	Limiting references	Coaxial connector for coaxial lines H01R17/12	Delete: the entire section.

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H01P 5/085	Relationships with other classification places	H01R17/12 (coaxial connectors) and the Keyword "wadded wire contact".	Replace: invalid symbol H01R17/12 with H01R 24/40
H02K 49/00	Informative references	Electrically or magnetically actuated clutches or brakes (e.g. electromagnetic clutches or brakes wherein only the actuation of the coupling / brake members is (electro)magnetic, the interaction between opposite members being based on mechanical engagement or friction between said members) F16D 27/00, F16D 29/00, F16D65/34, F16D65/36	Replace: invalid symbols "F16D65/34, F16D65/36" with F16D 65/28
H03F	Limiting references	Optical receivers H04B10/158	Replace: invalid symbol H04B10/158 with H04B 10/67
H03F3/08	Application-oriented references	Optical receivers H04B10/158	Replace: invalid symbol H04B10/158 with H04B 10/67
H03K 5/15026	Informative references	using a chain of active delay devices H03K5/132	Replace: invalid symbol H03K5/132 with H03K 5/133
H03M 1/00	Informative references	Multi-position switches H01H21/62	Replace: invalid symbol H01H21/62 with H01H 19/56
H04J	Limiting references	Optical monitoring arrangements, independent of the multiplexing method H04B10/08	Replace: invalid symbol H04B10/08 with H04B 10/07 - H04B 10/0799

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H04J 3/175	Informative references	VAD G10L11/02	Replace: invalid symbol G10L11/02 with G10L 25/78
H04L 1/24	Limiting references	Testing for optical arrangements H04B10/08	Replace: invalid symbol H04B10/08 with H04B 10/07
H04L 67/34	Informative references	Updating, downloading or transfer of parameters to mobile subscriber equipment. H04Q7/321	Replace: invalid symbol H04Q7/321 with H04W 8/245
H04M 9/00	Informative references	Detection of presence or absence of speech signals G10L11/02	Replace: invalid symbol G10L11/02 with G10L 25/78

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H04M 9/00	Special rules of classification	Two-way loud-speaking telephone systems with means for suppressing echoes or otherwise conditioning for one or other direction of traffic. This can be done for example, estimating level of noise or speech, suppressing near and far end background noise, introducing insertion losses (controlling gain) for reducing singing phenomenon. Subgroups includes H04M 9/085, where digital techniques are used, H04M 9/087 with subdivision in different frequency bands for transmitting and receiving part and H04M 9/10 with switching of direction of transmission by voice frequency. (active noise canceling by regenerating original acoustic wave in anti-phase G10K 11/178, detection of presence or absence of speech signals in general G10L11/02)	Replace: invalid symbol G10L11/02 with G10L 25/78

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H05B 37/00	Limiting references	Stage Lighting Lamp mechanical construction aspects F21P5/00	<p>Delete: the following row.</p> <p>Stage Lighting Lamp mechanical construction aspects F21P5/00</p> <p>Add: the following new row.</p> <p>Physical arrangement of lamp components and construction aspects F21</p>

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.