

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 540

DATE: AUGUST 1, 2018

PROJECT RP0343

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:	B23K	26/0054
	B23K	26/0057
	B23K	26/006
	B23K	26/0063
	B23K	26/0066
	B23K	26/0069
	B23K	26/0072
	B23K	26/0075
	B23K	26/0078
	B23K	26/0081
	B23K	26/0084
	B23K	26/0087
	B23K	26/1429
	B23K	2201/00
	B23K	2201/001
	B23K	2201/002
	B23K	2201/003
	B23K	2201/005
	B23K	2201/006
	B23K	2201/007
	B23K	2201/008
	B23K	2201/02
	B23K	2201/04
	B23K	2201/045
	B23K	2201/06
	B23K	2201/08
	B23K	2201/10
	B23K	2201/12
	B23K	2201/125
	B23K	2201/14
	B23K	2201/16
	B23K	2201/18
	B23K	2201/185
	B23K	2201/20
	B23K	2201/22
	B23K	2201/24
	B23K	2201/26
	B23K	2201/28
	B23K	2201/30
	B23K	2201/32
	B23K	2201/34

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B23K	2201/35
	B23K	2201/36
	B23K	2201/38
	B23K	2201/40
	B23K	2201/42
	B23K	2203/00
	B23K	2203/02
	B23K	2203/04
	B23K	2203/05
	B23K	2203/06
	B23K	2203/08
	B23K	2203/10
	B23K	2203/12
	B23K	2203/14
	B23K	2203/15
	B23K	2203/16
	B23K	2203/166
	B23K	2203/172
	B23K	2203/18
	B23K	2203/20
	B23K	2203/22
	B23K	2203/24
	B23K	2203/26
	B23K	2203/30
	B23K	2203/32
	B23K	2203/34
	B23K	2203/36
	B23K	2203/38
	B23K	2203/40
	B23K	2203/42
	B23K	2203/50
	B23K	2203/52
	B23K	2203/54
	B23K	2203/56
Symbols New:	B23K	26/355
	B23K	26/3568
	B23K	26/3576
	B23K	26/3584
	B23K	2101/00
	B23K	2101/001
	B23K	2101/002
	B23K	2101/003
	B23K	2101/005
	B23K	2101/006
	B23K	2101/007
	B23K	2101/008
	B23K	2101/02

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B23K	2101/04
	B23K	2101/045
	B23K	2101/06
	B23K	2101/08
	B23K	2101/10
	B23K	2101/12
	B23K	2101/125
	B23K	2101/14
	B23K	2101/16
	B23K	2101/18
	B23K	2101/185
	B23K	2101/20
	B23K	2101/22
	B23K	2101/24
	B23K	2101/26
	B23K	2101/28
	B23K	2101/30
	B23K	2101/32
	B23K	2101/34
	B23K	2101/35
	B23K	2101/36
	B23K	2101/38
	B23K	2101/40
	B23K	2101/42
	B23K	2103/00
	B23K	2103/02
	B23K	2103/04
	B23K	2103/05
	B23K	2103/06
	B23K	2103/08
	B23K	2103/10
	B23K	2103/12
	B23K	2103/14
	B23K	2103/15
	B23K	2103/16
	B23K	2103/166
	B23K	2103/172
	B23K	2103/18
	B23K	2103/20
	B23K	2103/22
	B23K	2103/24
	B23K	2103/26
	B23K	2103/30
	B23K	2103/32
	B23K	2103/34
	B23K	2103/36
	B23K	2103/38
	B23K	2103/40

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B23K	2103/42
	B23K	2103/50
	B23K	2103/52
	B23K	2103/54
	B23K	2103/56
DEFINITIONS:		
Definitions Deleted:	B23K	26/0066
Definitions Modified:	B23K	26/0006
	B23K	26/0626
	B23K	26/20
	B23K	26/32
	B23K	26/322
	B23K	26/34
	B23K	26/40

The following subclasses are also impacted by this Notice of Changes: B23P, B24B, B24D, B28D, B60B, C04B, C14B, D06H, F28F, H01L, H01S

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 Notice(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS B23K - SOLDERING OR UNSOLDERING; WELDING; CLADDING OR PLATING BY SOLDERING OR WELDING; CUTTING BY APPLYING HEAT LOCALLY, e.g. FLAME CUTTING; WORKING BY LASER

<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>
D	B23K 26/0054	1	{Working by transmitting the laser beam within the workpiece}	<administrative transfer to B23K 26/50>
D	B23K 26/0057	2	{by modifying or reforming the material inside the workpiece, e.g. for producing break initiation cracks}	<administrative transfer to B23K 26/53>
D	B23K 26/006	2	{by creating voids inside the workpiece, e.g. for forming flow passages or flow patterns}	<administrative transfer to B23K 26/55>
D	B23K 26/0063	2	{the laser beam entering a face of the workpiece from which it is transmitted through the workpiece material to work on a face remote from the face where the laser beam entered the workpiece, e.g. for effecting removal, fusion splicing, modifying or reforming}	<administrative transfer to B23K 26/57>
D	B23K 26/0066	1	{for surface treatment (for changing the physical structure of ferrous metals or alloys C21D, of non-ferrous metals or alloys C22F; for alloying C23C; annealing crystalline material C30B33/02; laser treatment of semiconductors H01L)}	<administrative transfer to B23K 26/352>
D	B23K 26/0069	2	{Laser shock processing (modifying the physical properties of ferrous metals by laser shock processing C21D10/005)}	<administrative transfer to B23K 26/356>
D	B23K 26/0072	2	{Modifying rugosity}	<administrative transfer to B23K 26/3568>
D	B23K 26/0075	3	{Diminishing rugosity, e.g. grinding; Polishing; Smoothing}	<administrative transfer to B23K 26/3576>
D	B23K 26/0078	3	{Increasing rugosity, e.g. roughening}	<administrative transfer to B23K 26/3584>
D	B23K 26/0081	2	{by melting (laser re-melting of metals by wave energy C22B9/22; laser melting of glass C03C; laser melting for crystal growth C30B)}	<administrative transfer to B23K 26/354>

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D	B23K26/0084	2	{Texturing}	<administrative transfer to B23K 26/355>
D	B23K 26/0087	2	{by providing a line or line pattern, e.g. a dotted break initiation line}	<administrative transfer to B23K 26/359>
D	B23K 26/1429	3	{the flow carrying an electric arc, e.g. laser arc hybrid welding}	<administrative transfer to B23K 26/348>
E	B23K 26/348	2	in combination with arc heating, e.g. TIG [tungsten inert gas], MIG [metal inert gas] or plasma welding (laser beam for starting a welding or cutting arc B23K 9/067)	
E	B23K 26/352	1	for surface treatment	
E	B23K 26/354	2	by melting	
N	B23K 26/355	2	{Texturing}	
E	B23K 26/356	2	by shock processing	
N	B23K 26/3568	2	{Modifying rugosity}	
N	B23K 26/3576	3	{Diminishing rugosity, e.g. grinding; Polishing; Smoothing}	
N	B23K 26/3584	3	{Increasing rugosity, e.g. roughening}	
E	B23K 26/359	2	by providing a line or line pattern, e.g. a dotted break initiation line	
E	B23K 26/50	1	Working by transmitting the laser beam through or within the workpiece	
E	B23K 26/53	2	for modifying or reforming the material inside the workpiece, e.g. for producing break initiation cracks	
E	B23K 26/55	2	for creating voids inside the workpiece, e.g. for forming flow passages or flow patterns	
E	B23K 26/57	2	the laser beam entering a face of the workpiece from which it is transmitted through the workpiece material to work on a different workpiece face, e.g. for effecting removal, fusion splicing, modifying or reforming	
U	B23K 37/08	1	for flash removal	
N	B23K 2101/00	0	Articles made by soldering, welding or cutting	
N	B23K 2101/001	1	{Turbines}	
N	B23K 2101/002	1	{Drill-bits}	
N	B23K 2101/003	1	{Pistons}	
N	B23K 2101/005	1	{Camshafts}	
N	B23K 2101/006	1	{Vehicles}	
N	B23K 2101/007	1	{Marks, e.g. trade marks}	

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N	B23K 2101/008	1	{Gears}	
N	B23K 2101/02	1	Honeycomb structures	
N	B23K 2101/04	1	Tubular or hollow articles	
N	B23K 2101/045	2	{Hollow panels}	
N	B23K 2101/06	2	Tubes	
N	B23K 2101/08	3	finned or ribbed	
N	B23K 2101/10	2	Pipe-lines	
N	B23K 2101/12	2	Vessels	
N	B23K 2101/125	3	{Cans}	
N	B23K 2101/14	2	Heat exchangers	
N	B23K 2101/16	1	Bands or sheets of indefinite length	
N	B23K 2101/18	1	Sheet panels	
N	B23K 2101/185	2	{Tailored blanks}	
N	B23K 2101/20	1	Tools	
N	B23K 2101/22	1	Nets, wire fabrics or the like	
N	B23K 2101/24	1	Frameworks	
N	B23K 2101/26	1	Railway- or like rails	
N	B23K 2101/28	1	Beams	
N	B23K 2101/30	1	Chains, hoops or rings	
N	B23K 2101/32	1	Wires	
N	B23K 2101/34	1	Coated articles {, e.g. plated or painted; Surface treated articles }	
N	B23K 2101/35	2	{Surface treated articles }	
N	B23K 2101/36	1	Electric or electronic devices	
N	B23K 2101/38	2	Conductors	
N	B23K 2101/40	2	Semiconductor devices	
N	B23K 2101/42	2	Printed circuits	
N	B23K 2103/00	0	Materials to be soldered, welded or cut	
N	B23K 2103/02	1	Iron or ferrous alloys	
N	B23K 2103/04	2	Steel or steel alloys	
N	B23K 2103/05	3	{Stainless steel}	
N	B23K 2103/06	2	Cast-iron alloys	
N	B23K 2103/08	1	Non-ferrous metals or alloys	
N	B23K 2103/10	2	Aluminium or alloys thereof	
N	B23K 2103/12	2	Copper or alloys thereof	
N	B23K 2103/14	2	Titanium or alloys thereof	
N	B23K 2103/15	2	{Magnesium or alloys thereof}	
N	B23K 2103/16	1	Composite materials {, e.g. fibre reinforced}	
N	B23K 2103/166	2	{Multilayered materials}	
N	B23K 2103/172	3	{wherein at least one of the layers is non-metallic}	
N	B23K 2103/18	1	Dissimilar materials	

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N	B23K 2103/20	2	Ferrous alloys and aluminium or alloys thereof	
N	B23K 2103/22	2	Ferrous alloys and copper or alloys thereof	
N	B23K 2103/24	2	Ferrous alloys and titanium or alloys thereof	
N	B23K 2103/26	2	{Alloys of Nickel and Cobalt and Chromium}	
N	B23K 2103/30	1	{Organic material}	
N	B23K 2103/32	2	{Material from living organisms, e.g. skins}	
N	B23K 2103/34	3	{Leather}	
N	B23K 2103/36	2	{Wood or similar materials}	
N	B23K 2103/38	2	{Fabrics, fibrous materials}	
N	B23K 2103/40	2	{Paper}	
N	B23K 2103/42	2	{Plastics (B23K 2103/16 takes precedence)}	
N	B23K 2103/50	1	{Inorganic material, e.g. metals, not provided for in B23K 2103/02 – B23K 2103/26}	
N	B23K 2103/52	2	{Ceramics}	
N	B23K 2103/54	2	{Glass}	
N	B23K 2103/56	2	{semiconducting (semiconducting devices B23K 2101/40)}	
D	B23K 2201/00	0	Articles made by soldering, welding or cutting by applying heat locally	<administrative transfer to B23K 2101/00>
D	B23K 2201/001	1	Turbines	<administrative transfer to B23K 2101/001>
D	B23K 2201/002	1	Drill-bits	<administrative transfer to B23K 2101/002>
D	B23K 2201/003	1	Pistons	<administrative transfer to B23K 2101/003>
D	B23K 2201/005	1	Camshafts	<administrative transfer to B23K 2101/005>
D	B23K 2201/006	1	Vehicles	<administrative transfer to B23K 2101/006>
D	B23K 2201/007	1	Marks, e.g. trade marks	<administrative transfer to B23K 2101/007>
D	B23K 2201/008	1	Gears	<administrative transfer to B23K 2101/008>
D	B23K 2201/02	1	Honeycomb structures	<administrative transfer to B23K 2101/02>
D	B23K 2201/04	1	Tubular or hollow articles	<administrative transfer to B23K 2101/04>

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D	B23K 2201/045	2	Hollow panels	<administrative transfer to B23K 2101/045>
D	B23K 2201/06	2	Tubes	<administrative transfer to B23K 2101/06>
D	B23K 2201/08	3	finned or ribbed	<administrative transfer to B23K 2101/08>
D	B23K 2201/10	2	Pipe-lines	<administrative transfer to B23K 2101/10>
D	B23K 2201/12	2	Vessels	<administrative transfer to B23K 2101/12>
D	B23K 2201/125	3	Cans	<administrative transfer to B23K 2101/125>
D	B23K 2201/14	2	Heat exchangers	<administrative transfer to B23K 2101/14>
D	B23K 2201/16	1	Bands or sheets of indefinite length	<administrative transfer to B23K 2101/16>
D	B23K 2201/18	1	Sheet panels	<administrative transfer to B23K 2101/18>
D	B23K 2201/185	2	Tailored blanks	<administrative transfer to B23K 2101/185>
D	B23K 2201/20	1	Tools	<administrative transfer to B23K 2101/20>
D	B23K 2201/22	1	Nets, wire fabrics or the like	<administrative transfer to B23K 2101/22>
D	B23K 2201/24	1	Frameworks	<administrative transfer to B23K 2101/24>
D	B23K 2201/26	1	Railway or like rails	<administrative transfer to B23K 2101/26>
D	B23K 2201/28	1	Beams	<administrative transfer to B23K 2101/28>
D	B23K 2201/30	1	Chains, hoops or rings	<administrative transfer to B23K 2101/30>
D	B23K 2201/32	1	Wires	<administrative transfer to B23K 2101/32>
D	B23K 2201/34	1	Coated articles, e.g. plated or painted; Surface treated articles	<administrative transfer to B23K 2101/34>
D	B23K 2201/35	2	Surface treated articles	<administrative transfer to B23K 2101/35>
D	B23K 2201/36	1	Electric or electronic devices	<administrative transfer to B23K 2101/36>
D	B23K 2201/38	2	Conductors	<administrative transfer to B23K 2101/38>
D	B23K 2201/40	2	Semiconductor devices	<administrative transfer to B23K 2101/40>

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D	B23K 2201/42	2	Printed circuits	<administrative transfer to B23K 2101/42>
D	B23K 2203/00	0	Materials to be soldered, welded or cut	<administrative transfer to B23K 2103/00>
D	B23K 2203/02	1	Iron or ferrous alloys	<administrative transfer to B23K 2103/02>
D	B23K 2203/04	2	Steel or steel alloys	<administrative transfer to B23K 2103/04>
D	B23K 2203/05	3	Stainless steel	<administrative transfer to B23K 2103/05>
D	B23K 2203/06	2	Cast-iron alloys	<administrative transfer to B23K 2103/06>
D	B23K 2203/08	1	Non-ferrous metals or alloys	<administrative transfer to B23K 2103/08>
D	B23K 2203/10	2	Aluminium or alloys thereof	<administrative transfer to B23K 2103/10>
D	B23K 2203/12	2	Copper or alloys thereof	<administrative transfer to B23K 2103/12>
D	B23K 2203/14	2	Titanium or alloys thereof	<administrative transfer to B23K 2103/14>
D	B23K 2203/15	2	Magnesium or alloys thereof	<administrative transfer to B23K 2103/15>
D	B23K 2203/16	1	Composite materials, e.g. fibre reinforced	<administrative transfer to B23K 2103/16>
D	B23K 2203/166	2	Multilayered materials	<administrative transfer to B23K 2103/166>
D	B23K 2203/172	3	wherein at least one of the layers is non-metallic	<administrative transfer to B23K 2103/172>
D	B23K 2203/18	1	Dissimilar materials	<administrative transfer to B23K 2103/18>
D	B23K 2203/20	2	Ferrous alloys and aluminium or alloys thereof	<administrative transfer to B23K 2103/20>
D	B23K 2203/22	2	Ferrous alloys and copper or alloys thereof	<administrative transfer to B23K 2103/22>
D	B23K 2203/24	2	Ferrous alloys and titanium or alloys thereof	<administrative transfer to B23K 2103/24>
D	B23K 2203/26	2	Alloys of Nickel and Cobalt and Chromium	<administrative transfer to B23K 2103/26>
D	B23K 2203/30	1	Organic material	<administrative transfer to B23K 2103/30>
D	B23K 2203/32	2	Material from living organisms, e.g. skins	<administrative transfer to B23K 2103/32>
D	B23K 2203/34	3	Leather	<administrative transfer to B23K 2103/34>

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D	B23K 2203/36	2	Wood or similar materials	<administrative transfer to B23K 2103/36>
D	B23K 2203/38	2	Fabrics, fibrous materials	<administrative transfer to B23K 2103/38>
D	B23K 2203/40	2	Paper	<administrative transfer to B23K 2103/40>
D	B23K 2203/42	2	Plastics (B23K 2203/16 takes precedence)	<administrative transfer to B23K 2103/42>
D	B23K 2203/50	1	Inorganic material, e.g. metals, not provided for in B23K 2203/02 – B23K 2203/26	<administrative transfer to B23K 2103/50>
D	B23K 2203/52	2	Ceramics	<administrative transfer to B23K 2103/52>
D	B23K 2203/54	2	Glass	<administrative transfer to B23K 2103/54>
D	B23K 2203/56	2	semiconducting (semiconducting devices B23K 2201/40)	<administrative transfer to B23K 2103/56>

*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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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol</u> <u>or text</u>	<u>Action; New symbol; New text</u>
B23K 26/0006			<p>Insert the following <u>new</u> Limiting references section.</p> <p>References Limiting references</p> <p><i>This place does not cover:</i></p> <p>Bonding taking account of the properties of the material involved B23K 26/32</p> <p>Removing material taking account of the properties of the material involved B23K 26/40</p>
B23K 26/0006	Special rules of classification	B23K 2203/00	<p>Replace the existing symbol (B23K 2203/00) in the Special rules section with the following <u>new</u> symbol.</p> <p>B23K 2103/00</p>
B23K 26/0066	Entire definition		<p>Delete the entire Definition – symbol, title, and all sections.</p>
B23K 26/0626			<p>Insert the following <u>new</u> Limiting references section.</p> <p>References Limiting references</p> <p><i>This place does not cover:</i></p> <p>Shaping laser beam by shaping pulses B23K 26/0622</p>
B23K 26/20	Limiting references	Welding light guides G02B 6/4237	<p>Delete the following <u>row</u> from the Limiting references table.</p> <p>Welding light guides G02B 6/4237</p>
B23K 26/20	Informative references		<p>Insert the following <u>new row</u> in the Informative references table.</p> <p>Welding light guides B23K 26/20</p>

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<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol</u> <u>or text</u>	<u>Action; New symbol; New text</u>
B23K 26/32	Special rules of classification	B23K 2203/00	Replace the existing symbol (B23K 2203/00) in the Special rules section with the following <u>new</u> symbol. B23K 2103/00
B23K 26/322	Informative references	B23K 2201/34	Replace the existing symbol (B23K 2201/34) in the Informative references table with the following <u>new</u> symbol. B23K 2101/34
B23K 26/34	Limiting references	Diffusion treatment of metallic material (e.g. surface alloying); coating of metallic or coating material with metallic material by chemical coating or vacuum evaporation, e.g. sputtering C23C 14/00	Delete the <u>entire</u> Limiting references section: heading, preamble, and row.
B23K 26/34	Informative references		Insert the following <u>new row</u> in the existing Informative references section. Diffusion treatment of metallic material (e.g. surface alloying); coating of metallic or coating material with metallic material by chemical coating or vacuum evaporation, e.g. sputtering C23C 14/00
B23K 26/40	Special rules of classification	B23K 2203/00	Replace the existing symbol (B23K 2203/00) in the Special rules section with the following <u>new</u> symbol. B23K 2103/00

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)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B23K 26/0054	<administrative transfer to B23K 26/50>
D	B23K 26/0057	<administrative transfer to B23K 26/53>
D	B23K 26/006	<administrative transfer to B23K 26/55>
D	B23K 26/0063	<administrative transfer to B23K 26/57>
D	B23K 26/0066	<administrative transfer to B23K 26/352>
D	B23K 26/0069	<administrative transfer to B23K 26/356>
D	B23K 26/0072	<administrative transfer to B23K 26/3568>
D	B23K 26/0075	<administrative transfer to B23K 26/3576>
D	B23K 26/0078	<administrative transfer to B23K 26/3584>
D	B23K 26/0081	<administrative transfer to B23K 26/354>
D	B23K 26/0084	<administrative transfer to B23K 26/355>
D	B23K 26/0087	<administrative transfer to B23K 26/359>
D	B23K 26/1429	<administrative transfer to B23K 26/348>
D	B23K 2201/00	<administrative transfer to B23K 2101/00>
D	B23K 2201/001	<administrative transfer to B23K 2101/001>
D	B23K 2201/002	<administrative transfer to B23K 2101/002>
D	B23K 2201/003	<administrative transfer to B23K 2101/003>
D	B23K 2201/005	<administrative transfer to B23K 2101/005>
D	B23K 2201/006	<administrative transfer to B23K 2101/006>
D	B23K 2201/007	<administrative transfer to B23K 2101/007>
D	B23K 2201/008	<administrative transfer to B23K 2101/008>
D	B23K 2201/02	<administrative transfer to B23K 2101/02>
D	B23K 2201/04	<administrative transfer to B23K 2101/04>
D	B23K 2201/045	<administrative transfer to B23K 2101/045>
D	B23K 2201/06	<administrative transfer to B23K 2101/06>
D	B23K 2201/08	<administrative transfer to B23K 2101/08>
D	B23K 2201/10	<administrative transfer to B23K 2101/10>
D	B23K 2201/12	<administrative transfer to B23K 2101/12>
D	B23K 2201/125	<administrative transfer to B23K 2101/125>
D	B23K 2201/14	<administrative transfer to B23K 2101/14>
D	B23K 2201/16	<administrative transfer to B23K 2101/16>
D	B23K 2201/18	<administrative transfer to B23K 2101/18>
D	B23K 2201/185	<administrative transfer to B23K 2101/185>
D	B23K 2201/20	<administrative transfer to B23K 2101/20>
D	B23K 2201/22	<administrative transfer to B23K 2101/22>
D	B23K 2201/24	<administrative transfer to B23K 2101/24>
D	B23K 2201/26	<administrative transfer to B23K 2101/26>
D	B23K 2201/28	<administrative transfer to B23K 2101/28>
D	B23K 2201/30	<administrative transfer to B23K 2101/30>
D	B23K 2201/32	<administrative transfer to B23K 2101/32>
D	B23K 2201/34	<administrative transfer to B23K 2101/34>
D	B23K 2201/35	<administrative transfer to B23K 2101/35>
D	B23K 2201/36	<administrative transfer to B23K 2101/36>
D	B23K 2201/38	<administrative transfer to B23K 2101/38>
D	B23K 2201/40	<administrative transfer to B23K 2101/40>
D	B23K 2201/42	<administrative transfer to B23K 2101/42>

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Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B23K 2203/00	<administrative transfer to B23K 2103/00>
D	B23K 2203/02	<administrative transfer to B23K 2103/02>
D	B23K 2203/04	<administrative transfer to B23K 2103/04>
D	B23K 2203/05	<administrative transfer to B23K 2103/05>
D	B23K 2203/06	<administrative transfer to B23K 2103/06>
D	B23K 2203/08	<administrative transfer to B23K 2103/08>
D	B23K 2203/10	<administrative transfer to B23K 2103/10>
D	B23K 2203/12	<administrative transfer to B23K 2103/12>
D	B23K 2203/14	<administrative transfer to B23K 2103/14>
D	B23K 2203/15	<administrative transfer to B23K 2103/15>
D	B23K 2203/16	<administrative transfer to B23K 2103/16>
D	B23K 2203/166	<administrative transfer to B23K 2103/166>
D	B23K 2203/172	<administrative transfer to B23K 2103/172>
D	B23K 2203/18	<administrative transfer to B23K 2103/18>
D	B23K 2203/20	<administrative transfer to B23K 2103/20>
D	B23K 2203/22	<administrative transfer to B23K 2103/22>
D	B23K 2203/24	<administrative transfer to B23K 2103/24>
D	B23K 2203/26	<administrative transfer to B23K 2103/26>
D	B23K 2203/30	<administrative transfer to B23K 2103/30>
D	B23K 2203/32	<administrative transfer to B23K 2103/32>
D	B23K 2203/34	<administrative transfer to B23K 2103/34>
D	B23K 2203/36	<administrative transfer to B23K 2103/36>
D	B23K 2203/38	<administrative transfer to B23K 2103/38>
D	B23K 2203/40	<administrative transfer to B23K 2103/40>
D	B23K 2203/42	<administrative transfer to B23K 2103/42>
D	B23K 2203/50	<administrative transfer to B23K 2103/50>
D	B23K 2203/52	<administrative transfer to B23K 2103/52>
D	B23K 2203/54	<administrative transfer to B23K 2103/54>
D	B23K 2203/56	<administrative transfer to B23K 2103/56>

* 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, F, and Q type entries are included in the table above.
- 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>
B23K 26/0054		DELETE
B23K 26/0057		DELETE
B23K 26/006		DELETE
B23K 26/0063		DELETE
B23K 26/0066		DELETE
B23K 26/0069		DELETE
B23K 26/0072		DELETE
B23K 26/0075		DELETE
B23K 26/0078		DELETE
B23K 26/0081		DELETE
B23K 26/0084		DELETE
B23K 26/0087		DELETE
B23K 26/1429		DELETE
B23K 26/355	B23K 26/352	NEW
B23K 26/3568	B23K 26/352	NEW
B23K 26/3576	B23K 26/352	NEW
B23K 26/3584	B23K 26/352	NEW
B23K 2101/00	B23K 101/00	NEW
B23K 2101/001	B23K 101/00	NEW
B23K 2101/002	B23K 101/00	NEW
B23K 2101/003	B23K 101/00	NEW
B23K 2101/005	B23K 101/00	NEW
B23K 2101/006	B23K 101/00	NEW
B23K 2101/007	B23K 101/00	NEW
B23K 2101/008	B23K 101/00	NEW
B23K 2101/02	B23K 101/02	NEW
B23K 2101/04	B23K 101/04	NEW
B23K 2101/045	B23K 101/04	NEW
B23K 2101/06	B23K 101/06	NEW
B23K 2101/08	B23K 101/08	NEW
B23K 2101/10	B23K 101/10	NEW
B23K 2101/12	B23K 101/12	NEW
B23K 2101/125	B23K 101/12	NEW
B23K 2101/14	B23K 101/14	NEW
B23K 2101/16	B23K 101/16	NEW
B23K 2101/18	B23K 101/18	NEW
B23K 2101/185	B23K 101/18	NEW
B23K 2101/20	B23K 101/20	NEW
B23K 2101/22	B23K 101/22	NEW
B23K 2101/24	B23K 101/24	NEW
B23K 2101/26	B23K 101/26	NEW
B23K 2101/28	B23K 101/28	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B23K 2101/30	B23K 101/30	NEW
B23K 2101/32	B23K 101/32	NEW
B23K 2101/34	B23K 101/34	NEW
B23K 2101/35	B23K 101/34	NEW
B23K 2101/36	B23K 101/36	NEW
B23K 2101/38	B23K 101/38	NEW
B23K 2101/40	B23K 101/40	NEW
B23K 2101/42	B23K 101/42	NEW
B23K 2103/00	B23K 103/00	NEW
B23K 2103/02	B23K 103/02	NEW
B23K 2103/04	B23K 103/04	NEW
B23K 2103/05	B23K 103/04	NEW
B23K 2103/06	B23K 103/06	NEW
B23K 2103/08	B23K 103/08	NEW
B23K 2103/10	B23K 103/10	NEW
B23K 2103/12	B23K 103/12	NEW
B23K 2103/14	B23K 103/14	NEW
B23K 2103/15	B23K 103/08	NEW
B23K 2103/16	B23K 103/16	NEW
B23K 2103/166	B23K 103/16	NEW
B23K 2103/172	B23K 103/16	NEW
B23K 2103/18	B23K 103/18	NEW
B23K 2103/20	B23K 103/20	NEW
B23K 2103/22	B23K 103/22	NEW
B23K 2103/24	B23K 103/24	NEW
B23K 2103/26	B23K 103/18	NEW
B23K 2103/30	B23K 103/00	NEW
B23K 2103/32	B23K 103/00	NEW
B23K 2103/34	B23K 103/00	NEW
B23K 2103/36	B23K 103/00	NEW
B23K 2103/38	B23K 103/00	NEW
B23K 2103/40	B23K 103/00	NEW
B23K 2103/42	B23K 103/00	NEW
B23K 2103/50	B23K 103/00	NEW
B23K 2103/52	B23K 103/00	NEW
B23K 2103/54	B23K 103/00	NEW
B23K 2103/56	B23K 103/00	NEW
B23K 2201/00		DELETE
B23K 2201/001		DELETE
B23K 2201/002		DELETE
B23K 2201/003		DELETE
B23K 2201/005		DELETE
B23K 2201/006		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B23K 2201/007		DELETE
B23K 2201/008		DELETE
B23K 2201/02		DELETE
B23K 2201/04		DELETE
B23K 2201/045		DELETE
B23K 2201/06		DELETE
B23K 2201/08		DELETE
B23K 2201/10		DELETE
B23K 2201/12		DELETE
B23K 2201/125		DELETE
B23K 2201/14		DELETE
B23K 2201/16		DELETE
B23K 2201/18		DELETE
B23K 2201/185		DELETE
B23K 2201/20		DELETE
B23K 2201/22		DELETE
B23K 2201/24		DELETE
B23K 2201/26		DELETE
B23K 2201/28		DELETE
B23K 2201/30		DELETE
B23K 2201/32		DELETE
B23K 2201/34		DELETE
B23K 2201/35		DELETE
B23K 2201/36		DELETE
B23K 2201/38		DELETE
B23K 2201/40		DELETE
B23K 2201/42		DELETE
B23K 2203/00		DELETE
B23K 2203/02		DELETE
B23K 2203/04		DELETE
B23K 2203/05		DELETE
B23K 2203/06		DELETE
B23K 2203/08		DELETE
B23K 2203/10		DELETE
B23K 2203/12		DELETE
B23K 2203/14		DELETE
B23K 2203/15		DELETE
B23K 2203/16		DELETE
B23K 2203/166		DELETE
B23K 2203/172		DELETE
B23K 2203/18		DELETE
B23K 2203/20		DELETE
B23K 2203/22		DELETE

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B23K 2203/24		DELETE
B23K 2203/26		DELETE
B23K 2203/30		DELETE
B23K 2203/32		DELETE
B23K 2203/34		DELETE
B23K 2203/36		DELETE
B23K 2203/38		DELETE
B23K 2203/40		DELETE
B23K 2203/42		DELETE
B23K 2203/50		DELETE
B23K 2203/52		DELETE
B23K 2203/54		DELETE
B23K 2203/56		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.

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
F28F 2275/06	B23K 2201/14	B23K 2101/14
H01S 3/0064	B23K 26/0054	B23K 26/50

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
B23P 6/002	B23K 2201/001	Informative references	B23K 2101/001
B23P 6/045	B23K 2201/001	Informative references	B23K 2101/001
B24B	B23K 26/0066	Limiting references	B23K 26/352
B24D 18/00	B23K 26/0084	Informative references	B23K 26/355
B28D	B23K 2203/50	Informative references	B23K 2103/50
B28D 5/00	B23K 2203/50	Informative references	B23K 2103/50
B60B 25/00	B23K 2201/06	Limiting references	B23K 2101/06
C04B 2237/52	B23K 26/006	Limiting references	B23K 26/55
C14B 1/56	B23K 2203/34	Informative references	B23K 2103/34
C14B 5/00	B23K 2203/34	Informative references	B23K 2103/34
D06H 7/22	B23K 2203/38	Limiting references	B23K 2103/38
H01L 23/00	B23K 2201/40	Informative references	B23K 2101/40
H01L 23/00	B23K 2203/56	Informative references	B23K 2103/56

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced** D symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced** F symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain