

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1023

DATE: JANUARY 1, 2021

PROJECT RP0666

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols New:	D07B	1/24
	D07B	3/022
	D07B	5/045
	D07B	7/021
	D07B	9/001
Warnings New:	D01H	1/10
	D03D	13/00
	D07B	1/00, 1/14, 1/145, 1/22, 1/24
	D07B	3/02, 3/022
	D07B	5/04, 5/045
	D07B	7/02, 7/021
	D07B	9/00, 9/001
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	D07B	3/103
Definitions Modified:	D07B	SUBCLASS, 1/22, 3/10, 5/02, 7/169

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

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

1. CLASSIFICATION SCHEME CHANGES

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

2. DEFINITIONS

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

3. REVISION CONCORDANCE LIST (RCL)

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

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5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS D07B - ROPES OR CABLES IN GENERAL (joining ropes or cables to one another or to other objects B65H 69/00, F16G 11/00; {mountaineering ropes A63B 29/02}; mechanical finishing or dressing of ropes D02J; {braiding D04C}; decorative ropes or cords D04D; suspension cables for bridges E01D 19/16; specially adapted for driving, or for being driven by, pulleys or other gearing elements F16G 9/00; electric cables or joints insofar as electrical aspects are essential H01B, H01R)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
C	D07B1/00	0	Constructional features of ropes or cables	D07B1/00, D07B1/24
C	D07B1/14	1	Ropes or cables with incorporated auxiliary elements, e.g. for marking, extending throughout the length of the rope or cable	D07B 1/14, D07B1/24
C	D07B1/145	2	{comprising elements for indicating or detecting the rope or cable status}	D07B 1/145, D07B1/24
C	D07B1/22	1	Flat or flat-sided ropes; Sets of ropes consisting of a series of parallel ropes	D07B1/22, D07B5/045
N	D07B1/24	1	{Ropes or cables with a prematurely failing element}	
U	D07B3/00	0	General-purpose machines or apparatus for producing twisted ropes or cables from component strands of the same or different material	
C	D07B3/02	1	in which the supply reels rotate about the axis of the rope or cable {or in which a guide member rotates about the axis of the rope or cable to guide the component strands away from the supply reels in fixed position}	D07B3/02, D07B3/022
N	D07B3/022	2	{with provision for imparting two or more twists to the filaments for each revolution of the guide member}	
U	D07B5/00	0	Making ropes or cables from special materials or of particular form	
C	D07B5/04	1	Rope bands	D07B5/04, D07B5/045

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
N	D07B5/045	2	{Belts comprising additional filaments for laterally interconnected load bearing members}	
U	D07B7/00	0	Details of, or auxiliary devices incorporated in, rope- or cable-making machines; Auxiliary apparatus associated with such machines	
C	D07B7/02	1	Machine details; Auxiliary devices	D07B7/02, D07B7/021
N	D07B7/021	2	{Guiding means for filaments, strands, ropes or cables}	
C	D07B9/00	0	Binding or sealing ends, e.g. to prevent unravelling	D07B9/00, D07B9/001
N	D07B9/001	1	{combined with cutting or severing}	

SUBCLASS D01H - SPINNING OR TWISTING (unwinding, paying-out, forwarding, winding or coiling filamentary material not intimately associated with spinning or twisting B65H; cores, formers, supports or holders for coiled or wound material, e.g. bobbins B65H; twisting oakum D01G 35/00; crimping or curling of fibres, filaments or yarns D02G 1/00; making chenille D03D, D04D 3/00; testing yarns, rovings, slivers, fibres, or fibre webs G01)

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
C	D01H1/10	1	for imparting multiple twist, e.g. two-for-one twisting	D01H1/10, D07B3/022

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SUBCLASS D03D - WOVEN FABRICS; METHODS OF WEAVING; LOOMS

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
C	D03D13/00	0	Woven fabrics characterised by the special disposition of the warp or weft threads, e.g. with curved weft threads, with discontinuous warp threads, with diagonal warp or weft	D03D13/00, D07B7/021

*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.
- 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 D07B - ROPES OR CABLES IN GENERAL**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	D01H1/10		Group D01H1/10 is impacted by reclassification into group D07B3/022. Groups D01H1/10 and D07B3/022 should be considered in order to perform a complete search.
N	D03D13/00		Group D03D13/00 is impacted by reclassification into group D07B7/021. Groups D03D13/00 and D07B7/021 should be considered in order to perform a complete search.
N	D07B1/00		Group D07B1/00 is impacted by reclassification into group D07B1/24. Groups D07B1/00 and D07B1/24 should be considered in order to perform a complete search.
N	D07B1/14		Group D07B1/14 is impacted by reclassification into group D07B1/24. Groups D07B1/14 and D07B1/24 should be considered in order to perform a complete search.
N	D07B1/145		Group D07B1/145 is impacted by reclassification into group D07B1/24. Groups D07B1/145 and D07B1/24 should be considered in order to perform a complete search.
N	D07B1/22		Group D07B1/22 is impacted by reclassification into group D07B5/045. Groups D07B1/22 and D07B5/045 should be considered in order to perform a complete search.
N	D07B1/24		Group D07B1/24 is incomplete pending reclassification of documents from groups D07B1/00, D07B1/14, and D07B1/145. All groups listed in this Warning should be considered in order to perform a complete search.
N	D07B3/02		Group D07B3/02 is impacted by reclassification into group D07B3/022. Groups D07B3/02 and D07B3/022 should be considered in order to perform a complete search.
N	D07B3/022		Group D07B3/022 is incomplete pending reclassification of documents from groups D07B3/02 and D01H1/10. Groups D07B3/02, D01H1/10, and D07B3/022 should be considered in order to perform a complete search.
N	D07B5/04		Group D07B5/04 is impacted by reclassification into group D07B5/045. Groups D07B5/04 and D07B5/045 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	D07B5/045		Group D07B5/045 is incomplete pending reclassification of documents from groups D07B1/22 and D07B5/04. Groups D07B1/22, D07B5/04, and D07B5/045 should be considered in order to perform a complete search.
N	D07B7/02		Group D07B7/02 is impacted by reclassification into group D07B7/021. Groups D07B7/02 and D07B7/021 should be considered in order to perform a complete search.
N	D07B7/021		Group D07B7/021 is incomplete pending reclassification of documents from groups D07B7/02 and D03D13/00. Groups D07B7/02, D03D13/00, and D07B7/021 should be considered in order to perform a complete search.
N	D07B9/00		Group D07B9/00 is impacted by reclassification into group D07B9/001. Groups D07B9/00 and D07B9/001 should be considered in order to perform a complete search.
N	D07B9/001		Group D07B9/001 is incomplete pending reclassification of documents from group D07B9/00. Groups D07B9/00 and D07B9/001 should be considered in order to perform a complete search.

*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.

2. A. DEFINITIONS (modified)

D07B 3/10

Informative references

Delete: The following Informative references table row.

Two-twist systems	3B153/DD10 (Japanese F-term)
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Insert: The following two new rows into the Informative references table.

Machines with provision for imparting two or more twists with the unwinding spool(s) being located inside the guide member	D07B 3/022
Double twist winding	D07B 2207/204

Insert: The following new Synonyms and Keywords section.

Synonyms and Keywords

In patent documents, the following words/expressions are often used as synonyms:

- Out-In double twister
- Out-In buncher

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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>
D07B	Special rules of classification	<ul style="list-style-type: none"> additional information or sub-inventions, which could be relevant for search purposes, are classified with the Indexing Codes D07B1/00 - D07B9/00; 	<p><u>Replace:</u> The second Special rules bullet point text with the following modified text.</p> <ul style="list-style-type: none"> additional information or sub-inventions, which could be relevant for search purposes, are classified in D07B1/00 - D07B9/00 as Additional Information;
D07B	Special rules of classification	<ul style="list-style-type: none"> additional information completing the invention information, for which no specific (sub-)group is foreseen in the indexing range D07B1/00 - D07B9/00, is classified with the Indexing Codes D07B2201/00 - D07B2501/00 and lower hierarchy, if applicable; 	<p><u>Replace:</u> The existing Special rules bullet point text with the following modified text.</p> <ul style="list-style-type: none"> additional information completing the invention information, in the groups range D07B1/00 - D07B9/00, is classified with the Indexing Codes D07B2201/00; D07B2301/00, D07B2401/00 and D07B2501/00, if applicable;

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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>
D07B	Special rules of classification	Documents not classified in the subclass D07B can be allocated the Indexing Codes D07B1/00 - D07B9/00 and/or D07B2201/00 - D07B2501/00 to identify aspects which can be used for ropes or cables.	<u>Delete</u> : The entire paragraph.
D07B1/22	Special rules of classification	Belts having a flat surface, a "high" aspect ratio and are commonly covered over the entire length by an extruded jacket are classified in the Indexing Code D07B 1/22 if they are of interest and the relevant classes in the other fields. Elevator belts are additionally classified in the Indexing Code D07B 2501/2007.	<u>Replace</u> : The first paragraph of text within the Special rules section with the following modified text. Belts having a flat surface, a "high" aspect ratio and covered over the entire length by an extruded jacket are classified in D07B 1/22, if they are of interest, but also in the relevant groups of the other fields, e.g. B66B.
D07B3/103	Informative references	Flyers 3B153/DD37 (Japanese F-term)	<u>Delete</u> : The entire Definition.
D07B5/02	Limiting references	Making of ropes or cables from natural or artificial staple fibres D07B5/06	<u>Delete</u> : The entire Limiting references section and table.

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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>
D07B5/02	Informative references		<p><u>Insert</u>: The following new Informative references section and table.</p> <p><i>Informative references</i></p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Making of ropes or cables from natural or artificial staple fibres D07B5/06</p>
D07B7/169	Limiting references	forming of grommet eyes, i.e. methods of connecting one cable or rope end to the same rope or cable D07B1/185	<p><u>Delete</u>: The following row from the Limiting references table.</p> <p>forming of grommet eyes, i.e. methods of connecting one cable or rope end to the same rope or cable D07B1/185</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>
D07B7/169	Informative references		<p><u>Insert:</u> The following new row into the Informative references table.</p> <p>Forming of grommet eyes, i.e. methods of connecting one cable or rope end to the same rope or cable</p> <p>D07B1/185</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.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	D01H 1/10	D01H 1/10, D07B 3/022
C	D03D 13/00	D03D 13/00, D07B 7/021
C	D07B 1/00	D07B 1/00, D07B 1/24
C	D07B 1/14	D07B 1/14, D07B 1/24
C	D07B 1/145	D07B 1/145, D07B 1/24
C	D07B 1/22	D07B 1/22, D07B 5/045
C	D07B 3/02	D07B 3/02, D07B 3/022
C	D07B 5/04	D07B 5/04, D07B 5/045
C	D07B 7/02	D07B 7/02, D07B 7/021
C	D07B 9/00	D07B 9/00, D07B 9/001

* 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; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- 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 (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
D07B 1/24	D07B 1/00	NEW
D07B 3/022	D07B 3/02	NEW
D07B 5/045	D07B 5/04	NEW
D07B 7/021	D07B 7/02	NEW
D07B 9/001	D07B 9/00	NEW

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