

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 88

DATE: JULY 1, 2015

PROJECT RP0092

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Symbols newly created:</b>	D07B	5/006
	D07B	7/169
	D07B	7/182, 7/185, 7/187
	D07B	2201/1014
	D07B	2201/20903, 2201/20907
<b>Title wording change:</b>	D07B	7/165, 7/167
	D07B	2201/1032, 2201/1036
	D07B	2201/2039, 2201/204
<b>Indent change:</b>	D07B	2201/2088
<b>New Definitions (no frozen (F) symbol definitions should be deleted):</b>	D07B	7/169
<b>Scheme Warning Notices to be added:</b>	D07B	5/005
		5/006
		7/16
		7/169
		7/18
		7/182
		7/185
		7/187
		2201/1012
		2201/1014
		2201/2083
		2201/20903
		2201/20907

**The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL):** B65H69/06

**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)

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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 D07B - ROPES OR CABLES IN GENERAL (joining ropes or cables to one another or to other objects B65H69/00 , F16G11/00 ; { mountaineering ropes A63B29/02 }; mechanical finishing or dressing of ropes D02J ; { braiding D04C }; decorative ropes or cords D04D ; suspension cables for bridges E01D19/16 ; specially adapted for driving, or for being driven by, pulleys or other gearing elements F16G9/00 ; 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 (new or modified)</u> <u>“CPC only” text should be enclosed in {curly brackets}</u>	<u>Transferred to<sup>#</sup></u>
C	D07B5/005	1	{ characterised by their outer shape or surface properties }	D07B5/005 D07B5/006
N	D07B5/006	2	{ by the properties of an outer surface polymeric coating }	
C	D07B7/16	1	Auxiliary apparatus	D07B7/16 D07B7/169
M	D07B7/165	2	{ for making slings }	
M	D07B7/167	2	{ for joining rope components }	
N	D07B7/169	2	{ for interconnecting two cable or rope ends, e.g. by splicing or sewing (fixation or holding of the ends prior to or during splicing D07B7/162; joining the rope or cable components individually or joining the rope ends by permanent means such as welding, gluing or crimp sleeve D07B7/167; preparing the splice by opening the ends D07B7/18) }	
C	D07B7/18	2	for spreading or untwisting ropes or cables into constituent parts for treatment or splicing purposes	D07B7/18 D07B7/182 D07B7/185 D07B7/187
N	D07B7/182	3	{ for spreading ropes or cables by hand-operated tools for splicing purposes, e.g. needles or spikes }	
N	D07B7/185	3	{ for temporarily untwisting ropes or cables into constituent parts for applying a coating }	
N	D07B7/187	3	{ for forming bulbs in ropes or cables }	
C	D07B2201/1012	2	characterised by their internal structure	D07B2201/1012 D07B2201/1014
N	D07B2201/1014	3	characterised by being laid or braided from several sub-ropes or sub-cables, e.g. hawsers	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should be enclosed in {curly brackets}</u>	<u>Transferred to<sup>#</sup></u>
M	D07B2201/1032	3	three to eight strands respectively forming a single layer	
M	D07B2201/1036	3	nine or more strands respectively forming multiple layers	
M	D07B2201/2039	4	three to eight wires or filaments respectively forming a single layer	
M	D07B 2201/204	4	nine or more wires or filaments respectively forming multiple layers	
C	D07B2201/2083	2	Jackets or coverings	D07B2201/2083 D07B2201/20903 D07B2201/20907
M	D07B2201/2088	3	having multiple layers	
U	D07B2201/209	3	comprising braided structures	
N	D07B2201/20903	3	comprising woven structures	
N	D07B2201/20907	3	comprising knitted structures	

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

NOTES:

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

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B. New, Modified or Deleted Warning notice(s)

**SUBCLASS D07B - ROPES OR CABLES IN GENERAL (joining ropes or cables to one another or to other objects B65H69/00 , F16G11/00 ; { mountaineering ropes A63B29/02 }; mechanical finishing or dressing of ropes D02J ; { braiding D04C }; decorative ropes or cords D04D ; suspension cables for bridges E01D19/16 ; specially adapted for driving, or for being driven by, pulleys or other gearing elements F16G9/00 ; electric cables or joints insofar as electrical aspects are essential H01B , H01R )**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	D07B5/005		<b><u>WARNING</u></b> Group D07B5/005 is impacted by reclassification into group D07B5/006. Groups D07B5/005 and D07B5/006 should be considered in order to perform a complete search.
N	D07B5/006		<b><u>WARNING</u></b> Group D07B5/006 is incomplete pending reclassification of documents from group D07B5/005. Groups D07B5/005 and D07B5/006 should be considered in order to perform a complete search.
N	D07B7/16		<b><u>WARNING</u></b> Group D07B7/16 is impacted by reclassification into group D07B7/169. Groups D07B7/16 and D07B7/169 should be considered in order to perform a complete search.
N	D07B7/169		<b><u>WARNING</u></b> Group D07B7/169 is incomplete pending reclassification of documents from group D07B7/16. Groups D07B7/16 and D07B7/169 should be considered in order to perform a complete search.
N	D07B7/18		<b><u>WARNING</u></b> Group D07B7/18 is impacted by reclassification into groups D07B7/182, D07B7/185, and D07B7/187. All groups listed in this Warning should be considered in order to perform a complete search.
N	D07B7/182		<b><u>WARNING</u></b> Group D07B7/182 is incomplete pending reclassification of documents from group D07B7/18. Groups D07B7/18 and D07B7/182 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	D07B7/185		<b><u>WARNING</u></b> Group D07B7/185 is incomplete pending reclassification of documents from group D07B7/18. Groups D07B7/18 and D07B7/185 should be considered in order to perform a complete search.
N	D07B7/187		<b><u>WARNING</u></b> Group D07B7/187 is incomplete pending reclassification of documents from group D07B7/18. Groups D07B7/18 and D07B7/187 should be considered in order to perform a complete search.
N	D07B2201/1012		<b><u>WARNING</u></b> Group D07B2201/1012 is impacted by reclassification into group D07B2201/1014. Groups D07B2201/1012 and D07B2201/1014 should be considered in order to perform a complete search.
N	D07B2201/1014		<b><u>WARNING</u></b> Group D07B2201/1014 is incomplete pending reclassification of documents from group D07B2201/1012. Groups D07B2201/1012 and D07B2201/1014 should be considered in order to perform a complete search.
N	D07B2201/2083		<b><u>WARNING</u></b> Group D07B2201/2083 is impacted by reclassification into groups D07B2201/20903 and D07B2201/20907. Groups D07B2201/2083, D07B2201/20903, and D07B2201/20907 should be considered in order to perform a complete search.
N	D07B2201/20903		<b><u>WARNING</u></b> Group D07B2201/20903 is incomplete pending reclassification of documents from group D07B2201/2083. Groups D07B2201/2083 and D07B2201/20903 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	D07B2201/20907		<b><u>WARNING</u></b> Group D07B2201/20907 is incomplete pending reclassification of documents from group D07B2201/2083. Groups D07B2201/2083 and D07B2201/20907 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.

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**2. A. DEFINITIONS (i.e. new or modified)**

Insert the following (new):

**D07B7/169**

{for interconnecting two cable or rope ends, e.g. by splicing or sewing (fixation or holding of the ends prior to or during splicing D07B7/162; joining the rope or cable components individually or joining the rope ends by permanent means such as welding, gluing or crimp sleeve D07B7/167; preparing the splice by opening the ends D07B7/18)}

**Definition statement**

*This group/subgroup/subclass covers:*

Subject matter relating to interconnecting two ends of ropes or cables

**References relevant to classification in this group**

*This group does not cover:*

vices or clamps for bending or holding the rope or cable during splicing	<a href="#">D07B7/162</a>
joining the rope or cable components individually or joining the rope ends by permanent means such as welding, gluing or crimp sleeve	<a href="#">D07B7/167</a>
preparing the splice by opening the ends	<a href="#">D07B7/18</a>
forming of grommet eyes, i.e. methods of connecting one cable or rope end to the same rope or cable	<a href="#">D07B1/185</a>

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

splicing of filamentary material in general, especially of yarns:	<a href="#">B65H69/06</a>
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3. REVISION CONCORDANCE LIST (RCL)

<b><u>Type*</u></b>	<b><u>From CPC Symbol (existing)</u></b>	<b><u>To CPC Symbol(s)</u></b>
C	D07B5/005	D07B5/005 D07B5/006
C	D07B7/16	D07B7/16 D07B7/169
C	D07B7/18	D07B7/18 D07B7/182 D07B7/185 D07B7/187
C	D07B2201/1012	D07B2201/1012 D07B2201/1014
C	D07B2201/2083	D07B2201/2083 D07B2201/20903 D07B2201/20907

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

NOTES:

- Only C, D, and Q type entries are included in the table above.
- 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>
D07B5/006	D07B5/00	new CPC/IPC
D07B7/169	D07B7/16	new CPC/IPC
D07B7/182	D07B7/18	new CPC/IPC
D07B7/185	D07B7/18	new CPC/IPC
D07B7/187	D07B7/18	new CPC/IPC
D07B2201/1014	CPCONLY	new
D07B2201/20903	CPCONLY	new
D07B2201/20907	CPCONLY	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.
- 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>
B65H69/06	D07B7/16	D07B7/169

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>
B65H69/06	D07B7/16	References relevant to classification in this group	D07B7/169

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.