

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 934

DATE: AUGUST 1, 2020

PROJECT RP0594

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:	H02K	15/0075, 15/0457
Symbols Deleted Pending Reclassification: (frozen (F))	H02K	11/022
Symbols New:	H02K	11/012, 11/014, 11/0141
Titles Changed:	H02K	7/08
	H02K	9/28
	H02K	11/01
	H02K	15/0056
Warnings New:	H02K	11/01, 11/012, 11/014, 11/0141, 11/022
Notes Deleted:	H02K	15/0075
DEFINITIONS:		
Definitions Modified:	H02K	7/08

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

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

1. CLASSIFICATION SCHEME CHANGES

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

2. DEFINITIONS

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

3. REVISION CONCORDANCE LIST (RCL)

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

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

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS H02K – DYNAMO-ELECTRIC MACHINES

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	H02K 7/08	1	Structural association with bearings	
M	H02K 9/28	1	Cooling of commutators, slip-rings, or brushes, e.g. by ventilating	
C	H02K 11/01	1	for shielding from electromagnetic fields {, i.e. structural association with shields} (means for preventing or reducing eddy-current losses in the winding heads by shielding H02K 3/42)	H02K11/01, H02K11/012, H02K11/014, H02K11/0141
N	H02K 11/012	2	{Shields associated with rotating parts, e.g. rotor cores or rotary shafts}	
N	H02K 11/014	2	{Shields associated with stationary parts, e.g. stator cores}	
N	H02K 11/0141	3	{Shields associated with casings, enclosures or brackets}	
U	H02K11/02	1	for suppression of electromagnetic interference	
F	H02K 11/022	2	{Shields}	H02K11/01, H02K11/012, H02K11/014, H02K11/0141
M	H02K 15/0056	1	{Manufacturing winding connections}	
D	H02K 15/0075	3	{for random-wound windings}	<administrative transfer to H02K15/0068>
D	H02K 15/0457	4	{Random wound coils}	<administrative transfer to H02K15/0442>

*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.

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- “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 H02K – DYNAMO-ELECTRIC MACHINES

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	H02K 11/01		Group H02K 11/01 is incomplete pending reclassification of documents from group H02K 11/022. Group H02K 11/01 is also impacted by reclassification into groups H02K11/012, H02K11/014, and H02K11/0141. All groups listed in this Warning should be considered in order to perform a complete search.
N	H02K 11/012		Group H02K 11/012 is incomplete pending reclassification of documents from groups H02K 11/01 and H02K 11/022. Groups H02K 11/01, H02K 11/022 and H02K 11/012 should be considered in order to perform a complete search.
N	H02K 11/014		Group H02K 11/014 is incomplete pending reclassification of documents from groups H02K 11/01 and H02K 11/022. Groups H02K 11/01, H02K 11/022 and H02K 11/014 should be considered in order to perform a complete search.
N	H02K 11/0141		Group H02K 11/0141 is incomplete pending reclassification of documents from groups H02K 11/01 and H02K 11/022. Groups H02K 11/01, H02K 11/022 and H02K 11/0141 should be considered in order to perform a complete search.
N	H02K 11/022		Group H02K11/022 is no longer used for the classification of documents as of August 1, 2020). The content of this group is being reclassified into groups H02K 11/01-H02K 11/0141. Groups H02K 11/022 and H02K 11/01 - H02K 11/0141 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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C. New, Modified or Deleted Note(s)

SUBCLASS H02K – DYNAMO-ELECTRIC MACHINES

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
D	H02K 15/0075	Windings consisting of cables are classified in H02K 15/0068	<u>Delete</u> entire note.

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

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

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
M	H02K 7/08	Limiting References Support in machine casing, i.e. bearing mounting arrangements H02K 5/16	<u>Delete</u> the entire Limiting References section
M	H02K 7/08	Bearings in general, including magnetic bearing, e.g. details of the bearing per se F16C 17/00 - F16C 43/00	<u>Insert</u> : The following reference into the Informative references table. Support in machine casing, i.e. bearing mounting arrangements H02K 5/16

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	H02K 11/01	H02K 11/01, H02K 11/012, H02K 11/014, H02K 11/0141
F	H02K 11/022	H02K 11/01, H02K 11/012, H02K 11/014, H02K 11/0141
D	H02K 15/0075	<administrative transfer to H02K 15/0068>
D	H02K 15/0457	<administrative transfer to H02K 15/0442>

* 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>
H02K 11/012	H02K 11/01	NEW
H02K 11/014	H02K 11/01	NEW
H02K 11/0141	H02K 11/01	NEW
H02K 15/0075		DELETE
H02K 15/0457		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.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.