

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 156

DATE: JANUARY 1, 2016

PROJECT RP0304

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Symbols deleted:	H01F	41/0604
	H01F	41/0608
	H01F	41/0612
	H01F	41/0616
	H01F	41/062
	H01F	41/0625
	H01F	41/0629
	H01F	41/0633
	H01F	41/0637
	H01F	41/0641
	H01F	41/0645
	H01F	41/065
	H01F	41/0654
	H01F	41/0658
	H01F	2041/0662
	H01F	41/0666
	H01F	41/067
	H01F	41/0675
	H01F	41/0679
	H01F	41/0683
	H01F	41/0687
	H01F	41/0691
	H01F	41/0695
Symbols newly created:	H01F	41/061
	H01F	41/063
	H01F	41/064
	H01F	41/066
	H01F	41/068
	H01F	41/069
	H01F	41/07
	H01F	41/071
	H01F	2041/0711
	H01F	41/073
	H01F	41/074
	H01F	41/076
	H01F	41/077
	H01F	41/079
	H01F	41/082
	H01F	41/084
	H01F	41/086
	H01F	41/088
	H01F	41/09

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Symbols newly created:	H01F	41/092
	H01F	41/094
	H01F	41/096
	H01F	41/098
Title wording changes:	H01F	41/00
	H01F	41/06
	H01F	41/08
Scheme Warning Notices to be added:	H01F	41/071
	H01F	41/08

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):

B65H, D07B

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 H01F– MAGNETS; INDUCTANCES; TRANSFORMERS; SELECTION OF MATERIALS FOR THEIR MAGNETIC PROPERTIES**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to[#]</u>
M	H01F41/00	0	Apparatus or processes specially adapted for manufacturing or assembling magnets, inductances or transformers; Apparatus or processes specially adapted for manufacturing materials characterised by their magnetic properties	
M	H01F41/06	3	Coil winding	
D	H01F41/0604		{Winding sheet material}	<Administrative transfer to H01F41/061>
D	H01F41/0608		{with insulation}	<Administrative transfer to H01F41/063>
N	H01F41/061	4	Winding flat conductive wires or sheets	
D	H01F41/0612		{Winding wire material}	<Administrative transfer to H01F41/064>
D	H01F41/0616		{with insulation}	<Administrative transfer to H01F41/066>
D	H01F41/062		{the insulation being strip material}	<Administrative transfer to H01F41/068>
D	H01F41/0625		{Winding more than one wire}	<Administrative transfer to H01F41/069>
D	H01F41/0629		{Twisting}	<Administrative transfer to H01F41/07>
N	H01F41/063	5	with insulation	
D	H01F41/0633		{Devices for guiding or positioning the winding material on the winding form}	<Administrative transfer to H01F41/082>
D	H01F41/0637		{forming pancake coils}	<Administrative transfer to H01F41/084>
N	H01F41/064	4	Winding non-flat conductive wires, e.g. rods, cables or cords	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to[#]
D	H01F41/0641		{positioning the winding material in a special configuration on the winding form (orthocyclic coils, open mesh coils)}	<Administrative transfer to H01F41/086>
D	H01F41/0645		{using revolving flyers}	<Administrative transfer to H01F41/088>
D	H01F41/065		{Winding coils of special form}	<Administrative transfer to H01F41/071>
D	H01F41/0654		{Winding on elongate winding forms}	<Administrative transfer to H01F41/073>
D	H01F41/0658		{Winding flat coils}	<Administrative transfer to H01F41/074>
N	H01F41/066	5	with insulation	
D	H01F2041/0662		{Winding saddle or deflection coils}	<Administrative transfer to H01F2041/0711>
D	H01F41/0666		{Winding with terminal wrapping or soldering; Winding while forming taps or terminals}	<Administrative transfer to H01F41/076>
D	H01F41/067		{Winding machines having a plurality of work holders or winding forms}	<Administrative transfer to H01F41/09>
D	H01F41/0675		{Turrets, turntables}	<Administrative transfer to H01F41/092>
D	H01F41/0679		{Tensioning or braking devices}	<Administrative transfer to H01F41/094>
N	H01F41/068	6	in the form of strip material	
D	H01F41/0683		{Dispensing or feeding devices}	<Administrative transfer to H01F41/096>
D	H01F41/0687		{Winding mandrels, winding forms}	<Administrative transfer to H01F41/098>
N	H01F41/069	5	Winding two or more wires, e.g. bifilar winding	
D	H01F41/0691		{Winding with deformation of the winding material section}	<Administrative transfer to H01F41/077>
D	H01F41/0695		{Winding while measuring electrical characteristics}	<Administrative transfer to H01F41/079>
N	H01F41/07	6	Twisting	
Q	H01F41/071	4	Winding coils of special form (winding conductors onto closed formers or cores H01F41/08)	H01F41/071 H01F41/08
N	H01F2041/0711	5	{Winding saddle or deflection coils}	

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Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to[#]
N	H01F41/073	5	Winding onto elongate formers	
N	H01F41/074	5	Winding flat coils	
N	H01F41/076	4	Forming taps or terminals while winding, e.g. by wrapping or soldering the wire onto pins, or by directly forming terminals from the wire	
N	H01F41/077	4	Deforming the cross section or shape of the winding material while winding	
N	H01F41/079	4	Measuring electrical characteristics while winding	
E	H01F41/08	4	Winding conductors onto closed formers or cores, e.g. threading conductors through toroidal cores	
N	H01F41/082	4	Devices for guiding or positioning the winding material on the former	
N	H01F41/084	5	for forming pancake coils	
N	H01F41/086	5	in a special configuration on the former, e.g. orthocyclic coils or open mesh coils	
N	H01F41/088	5	using revolving flyers	
N	H01F41/09	4	Winding machines having two or more work holders or formers	
N	H01F41/092	5	Turrets; Turntables	
N	H01F41/094	4	Tensioning or braking devices	
N	H01F41/096	4	Dispensing or feeding devices	
N	H01F41/098	4	Mandrels; Formers	

*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.

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- **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 H01F– MAGNETS; INDUCTANCES; TRANSFORMERS; SELECTION OF MATERIALS FOR THEIR MAGNETIC PROPERTIES

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	H01F41/071		Group H01F41/071 is impacted by reclassification of documents into group H01F41/08. Groups H01F41/071 and H01F41/08 should be considered in order to perform a complete search.
N	H01F41/08		Group H01F41/08 is incomplete pending reclassification of documents from group H01F41/071. Groups H01F41/071 and H01F41/08 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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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
D	H01F41/0604	<Administrative transfer to H01F41/061>
D	H01F41/0608	<Administrative transfer to H01F41/063>
D	H01F41/0612	<Administrative transfer to H01F41/064>
D	H01F41/0616	<Administrative transfer to H01F41/066>
D	H01F41/062	<Administrative transfer to H01F41/068>
D	H01F41/0625	<Administrative transfer to H01F41/069>
D	H01F41/0629	<Administrative transfer to H01F41/07>
D	H01F41/0633	<Administrative transfer to H01F41/082>
D	H01F41/0637	<Administrative transfer to H01F41/084>
D	H01F41/0641	<Administrative transfer to H01F41/086>
D	H01F41/0645	<Administrative transfer to H01F41/088>
D	H01F41/065	<Administrative transfer to H01F41/071>
D	H01F41/0654	<Administrative transfer to H01F41/073>
D	H01F41/0658	<Administrative transfer to H01F41/074>
D	H01F2041/0662	<Administrative transfer to H01F2041/0711>
D	H01F41/0666	<Administrative transfer to H01F41/076>
D	H01F41/067	<Administrative transfer to H01F41/09>
D	H01F41/0675	<Administrative transfer to H01F41/092>
D	H01F41/0679	<Administrative transfer to H01F41/094>
D	H01F41/0683	<Administrative transfer to H01F41/096>
D	H01F41/0687	<Administrative transfer to H01F41/098>
D	H01F41/0691	<Administrative transfer to H01F41/077>
D	H01F41/0695	<Administrative transfer to H01F41/079>

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<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
Q	H01F41/071	H01F41/071 H01F41/08

* 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>
H01F41/0604	H01F41/06	DELETE
H01F41/0608	H01F41/06	DELETE
H01F41/061	H01F41/061	NEW
H01F41/0612	H01F41/06	DELETE
H01F41/0616	H01F41/06	DELETE
H01F41/062	H01F41/06	DELETE
H01F41/0625	H01F41/06	DELETE
H01F41/0629	H01F41/06	DELETE
H01F41/063	H01F41/063	NEW
H01F41/0633	H01F41/06	DELETE
H01F41/0637	H01F41/06	DELETE
H01F41/064	H01F41/064	NEW
H01F41/0641	H01F41/06	DELETE
H01F41/0645	H01F41/06	DELETE
H01F41/065	H01F41/06	DELETE
H01F41/0654	H01F41/06	DELETE
H01F41/0658	H01F41/06	DELETE
H01F2041/0662	H01F2041/06	DELETE
H01F41/066	H01F41/066	NEW
H01F41/0666	H01F41/06	DELETE
H01F41/067	H01F41/06	DELETE
H01F41/0675	H01F41/06	DELETE
H01F41/0679	H01F41/06	DELETE
H01F41/068	H01F41/068	NEW
H01F41/0683	H01F41/06	DELETE
H01F41/0687	H01F41/06	DELETE
H01F41/069	H01F41/069	NEW
H01F41/0691	H01F41/06	DELETE
H01F41/0695	H01F41/06	DELETE
H01F41/07	H01F41/07	NEW
H01F41/071	H01F41/071	NEW
H01F2041/0711	H01F41/071	NEW
H01F41/073	H01F41/073	NEW
H01F41/074	H01F41/074	NEW
H01F41/076	H01F41/076	NEW
H01F41/077	H01F41/077	NEW
H01F41/079	H01F41/079	NEW
H01F41/082	H01F41/082	NEW
H01F41/084	H01F41/084	NEW
H01F41/086	H01F41/086	NEW
H01F41/088	H01F41/088	NEW

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<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
H01F41/09	H01F41/09	NEW
H01F41/092	H01F41/092	NEW
H01F41/094	H01F41/094	NEW
H01F41/096	H01F41/096	NEW
H01F41/098	H01F41/098	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)

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>
B65H59/00	H01F41/0679	Informative references	H01F41/094
D07B7/10	H01F41/0633	Informative references	H01F41/082
H01F5/00	H01F41/0687	References relevant to classification in this group	H01F41/098

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.