

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1283

DATE: FEBRUARY 1, 2022

PROJECT RP0290-F

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:	F16B	9/023, 9/026
	Y10T	403/39, 403/3906, 403/3913, 403/3921, 403/3926, 403/3933, 403/3941, 403/3946, 403/3953, 403/3961, 403/3966, 403/3981, 403/3986, 403/3993, 403/4605, 403/4608, 403/4611, 403/4614, 403/4617, 403/4621, 403/4634, 403/4637, 403/4641, 403/4642, 403/4645, 403/4648
Warnings Deleted:	F16B	9/00, 9/01, 9/02, 9/023, 9/026, 9/05, 9/07, 9/09
	F16B	17/00
	Y10T	403/39, 403/4605
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	F16B	9/023, 9/026

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 F16B - DEVICES FOR FASTENING OR SECURING CONSTRUCTIONAL ELEMENTS OR MACHINE PARTS TOGETHER, e.g. NAILS, BOLTS, CIRCLIPS, CLAMPS, CLIPS, WEDGES, JOINTS OR JOINTING (couplings for transmitting rotation F16D)**

<u>Ty</u> <u>pe</u> *	<u>Symbol</u>	<u>Indent</u> <u>Level</u> <u>Number</u> <u>of dots</u> <u>(e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to</u> [#]
D	F16B 9/023	2	{using clamps or clips }	<no transfer>
D	F16B 9/026	2	{using screw-thread elements }	<no transfer>

SUBCLASS Y10T 403/00 - Joints and connections

<u>Ty</u> <u>pe</u> *	<u>Symbol</u>	<u>Indent</u> <u>Level</u> <u>Number</u> <u>of dots</u> <u>(e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> (new or modified) “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to</u> [#]
D	Y10T 403/39	1	Rod to member to side, e.g. , plate, rod side, etc.	<no transfer>
D	Y10T 403/3906	2	Rod side to member to side	<no transfer>
D	Y10T 403/3913	2	Unilateral of side	<no transfer>
D	Y10T 403/3921	2	Arcuate or multiplanar side	<no transfer>
D	Y10T 403/3926	3	Encompassed side	<no transfer>
D	Y10T 403/3933	2	Intermediate member includes tubular part	<no transfer>
D	Y10T 403/3941	3	Side or tubular part deformed <u>in situ</u>	<no transfer>
D	Y10T 403/3946	3	Intermediate member extends through side	<no transfer>
D	Y10T 403/3953	4	Split or divided tubular part and coacting compressor	<no transfer>
D	Y10T 403/3961	4	Transverse clamp secures rod and tubular part	<no transfer>
D	Y10T 403/3966	4	Rod also extends through side	<no transfer>
D	Y10T 403/3981	3	Intermediate member secured to side by radial flange	<no transfer>
D	Y10T 403/3986	3	Internally threaded tubular part	<no transfer>
D	Y10T 403/3993	2	Intermediate member extends completely through side	<no transfer>
D	Y10T 403/4605	2	Stirrup	<no transfer>
D	Y10T 403/4608	2	Structure attached to rod end encompasses side	<no transfer>
D	Y10T 403/4611	3	Clamped saddle	<no transfer>
D	Y10T 403/4614	3	Yoke or ring	<no transfer>
D	Y10T 403/4617	4	having radial screw at bight	<no transfer>
D	Y10T 403/4621	2	including saddle	<no transfer>
D	Y10T 403/4634	2	Rod and side deformingly interlocked	<no transfer>

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<u>Typ</u> <u>pe</u> *	<u>Symbol</u>	<u>Indent</u> <u>Level</u> <u>Number</u> <u>of dots</u> <u>(e.g., 0, 1,</u> <u>2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to</u> [#]
D	Y10T 403/4637	2	Radially interposed, side-engaging shim or bushing	<no transfer>
D	Y10T 403/4641	2	Socket formed by shaping or deforming side	<no transfer>
D	Y10T 403/4642	2	Integral transverse projection on side, e.g., necked, etc.	<no transfer>
D	Y10T 403/4645	3	From rod side	<no transfer>
D	Y10T 403/4648	2	Utilizing opposite sides of member	<no transfer>

*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 F16B - DEVICES FOR FASTENING OR SECURING CONSTRUCTIONAL ELEMENTS OR MACHINE PARTS TOGETHER, e.g. NAILS, BOLTS, CIRCLIPS, CLAMPS, CLIPS, WEDGES, JOINTS OR JOINTING (couplings for transmitting rotation F16D)

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F16B 9/00	<p>Group F16B 9/00 is impacted by reclassification into groups F16B 9/01, F16B 9/05, F16B 9/052, F16B 9/054, F16B 9/056, F16B 9/058, F16B 9/07, F16B 9/09.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	Delete the entire Warning
D	F16B 9/01	<p>Group F16B 9/01 is incomplete pending reclassification of documents from group F16B 9/00.</p> <p>Groups F16B 9/00 and F16B 9/01 should be considered in order to perform a complete search.</p>	Delete the entire Warning
D	F16B 9/02	<p>Group F16B 9/02 is impacted by reclassification into groups F16B 9/05, F16B 9/052, F16B 9/054, F16B 9/056, F16B 9/058, F16B 9/07, F16B 9/09.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	Delete the entire Warning
D	F16B 9/023	<p>Group F16B 9/023 is no longer used for the classification of documents as of August 1, 2018. The content of this group is being reclassified into groups F16B 9/02, F16B 9/05, F16B 9/052, F16B 9/054, F16B 9/056, F16B 9/058, F16B 9/07, F16B 9/09.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	Delete the entire Warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F16B 9/026	<p>Group F16B 9/026 is no longer used for the classification of documents as of August 1, 2018. The content of this group is being reclassified into groups F16B 9/02, F16B 9/05, F16B 9/052, F16B 9/054, F16B 9/056, F16B 9/058, F16B 9/07, F16B 9/09.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	Delete the entire Warning
D	F16B 9/05	<p>Groups F16B 9/05-F16B 9/058 are incomplete pending reclassification of documents from groups F16B 9/00, F16B 9/02-F16B 9/026 and F16B 17/00.</p> <p>Groups F16B 9/00, F16B 9/02-F16B 9/026, F16B 9/05-F16B 9/058 and F16B 17/00 should be considered in order to perform a complete search.</p>	Delete the entire Warning
D	F16B 9/07	<p>Group F16B 9/07 is incomplete pending reclassification of documents from groups F16B 9/00, F16B 9/02-F16B 9/026 and F16B 17/00.</p> <p>Groups F16B 9/00, F16B 9/02-F16B 9/026, F16B 9/07 and F16B 17/00 should be considered in order to perform a complete search.</p>	Delete the entire Warning
D	F16B 9/09	<p>Group F16B 9/09 is incomplete pending reclassification of documents from groups F16B 9/00, F16B 9/02-F16B 9/026 and F16B 17/00.</p> <p>Groups F16B 9/00, F16B 9/02-F16B 9/026, F16B 9/09 and F16B 17/00 should be considered in order to perform a complete search.</p>	Delete the entire Warning

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F16B 17/00	Group F16B 17/00 is impacted by reclassification into groups F16B 9/02, F16B 9/05-F16B 9/09. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the entire Warning

SUBCLASS Y10T 403/00 - Joints and connections

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
D	Y10T 403/39	Groups Y10T 403/39-Y10T 403/3993 are no longer used for the classification of documents as of August 1, 2018. The content of these groups is being reclassified into groups F16B 7/00, F16B 9/00, F16B 17/00, F16B 2200/00, other F16B groups as appropriate and Y10T 403/46. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the entire Warning
D	Y10T 403/4605	Groups Y10T 403/4605-Y10T 403/4648 are no longer used for the classification of documents as of August 1, 2018. The content of these groups is being reclassified into groups F16B 7/00, F16B 9/00, F16B 17/00, F16B 2200/00, other F16B groups as appropriate and Y10T 403/46. All groups listed in this Warning should be considered in order to perform a complete search.	Delete the entire Warning

*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. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
F16B 9/023	Definitions		<u>Delete</u> : The entire Definition.
F16B 9/026	Definitions		<u>Delete</u> : The entire Definition.

Notes:

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use, or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
F16B 9/023		DELETE
F16B 9/026		DELETE
Y10T 403/39		DELETE
Y10T 403/3906		DELETE
Y10T 403/3913		DELETE
Y10T 403/3921		DELETE
Y10T 403/3926		DELETE
Y10T 403/3933		DELETE
Y10T 403/3941		DELETE
Y10T 403/3946		DELETE
Y10T 403/3953		DELETE
Y10T 403/3961		DELETE
Y10T 403/3966		DELETE
Y10T 403/3981		DELETE
Y10T 403/3986		DELETE
Y10T 403/3993		DELETE
Y10T 403/4605		DELETE
Y10T 403/4608		DELETE
Y10T 403/4611		DELETE
Y10T 403/4614		DELETE
Y10T 403/4617		DELETE
Y10T 403/4621		DELETE
Y10T 403/4634		DELETE
Y10T 403/4637		DELETE
Y10T 403/4641		DELETE
Y10T 403/4642		DELETE
Y10T 403/4645		DELETE
Y10T 403/4648		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.