

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 712

DATE: AUGUST 1, 2019

PROJECT RP0479

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:	F16L	3/243, 3/2431, 3/245
	F16L	27/127, 27/1273, 27/1274, 27/1275, 27/12751
	F16L	37/0885, 37/0887, 37/0926, 37/0927
	F16L	47/041
Titles Changed:	F16L	27/125
Warnings New:	F16L	3/24, 3/243, 3/245
	F16L	27/12, 27/125, 27/127
	F16L	37/088, 37/0885, 37/0887, 37/092, 37/0925, 37/0926, 37/0927
	F16L	47/04, 47/041
DEFINITIONS:		
Definitions New:	F16L	59/06
Definitions Modified:	F16L	Subclass
	F16L	59/00

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)

CPC NOTICE OF CHANGES 712

DATE: AUGUST 1, 2019

PROJECT RP0479

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS F16L - PIPES; JOINTS OR FITTINGS FOR PIPES; SUPPORTS FOR PIPES, CABLES OR PROTECTIVE TUBING; MEANS FOR THERMAL INSULATION IN GENERAL

<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	F16L3/24	1	with a special member for attachment to profiled girders	F16L3/24, F16L3/243, F16L3/2431, F16L3/245
N	F16L3/243	2	{the special member being inserted in the profiled girder}	
N	F16L3/2431	3	{the special member being inserted and subsequently rotated to a limited extent}	
N	F16L3/245	2	{the special member embracing the entire profiled girder}	
C	F16L27/12	1	allowing substantial longitudinal adjustment or movement (by use of screw-thread F16L15/02)	F16L27/12, F16L27/127, F16L27/1273, F16L27/1274, F16L27/1275, F16L27/12751
C	F16L27/125	2	{having longitudinal and rotary movement}	F16L27/125, F16L27/127, F16L27/1273, F16L27/1274, F16L27/1275, F16L27/12751
N	F16L27/127	2	{with means for locking the longitudinal adjustment or movement in the final mounted position}	
N	F16L27/1273	3	{by quick-acting means}	
N	F16L27/1274	3	{by means of a swivel nut}	
N	F16L27/1275	3	{by means of at least an external threaded bolt}	
N	F16L27/12751	4	{the threaded bolt extending longitudinally}	
C	F16L37/088	3	by means of a split elastic ring	F16L37/088, F16L37/0885, F16L37/0887
N	F16L37/0885	4	{with access to the split elastic ring from a radial or tangential opening in the coupling}	
N	F16L37/0887	4	{with an axially movable separate member for releasing the coupling}	
C	F16L37/092	3	by means of elements wedged between the pipe and the frusto-conical surface of the body of the connector	F16L37/092, F16L37/0926, F16L37/0927

CPC NOTICE OF CHANGES 712

DATE: AUGUST 1, 2019

PROJECT RP0479

<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	F16L37/0925	4	{ with rings which bite into the wall of the pipe }	F16L37/0925, F16L37/0926, F16L37/0927
N	F16L37/0926	4	{ with an inner support sleeve arranged within the pipe }	
N	F16L37/0927	4	{ the wedge element being axially displaceable for releasing the coupling }	
C	F16L47/04	1	with a swivel nut or collar engaging the pipe	F16L47/04, F16L47/041
N	F16L47/041	2	{ the plastic pipe end being flared either before or during the making of the connection }	

*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 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.

CPC NOTICE OF CHANGES 712

DATE: AUGUST 1, 2019

PROJECT RP0479

B. New, Modified or Deleted Warning(s)

SUBCLASS F16L - PIPES; JOINTS OR FITTINGS FOR PIPES; SUPPORTS FOR PIPES, CABLES OR PROTECTIVE TUBING; MEANS FOR THERMAL INSULATION IN GENERAL

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F16L 3/24		Group F16L 3/24 is impacted by reclassification into groups F16L 3/243, F16L 3/2431, and F16L 3/245. All groups listed in this Warning should be considered in order to perform a complete search.
N	F16L 3/243		Groups F16L 3/243 and F16L 3/2431 are incomplete pending reclassification of documents from group F16L 3/24. All groups listed in this warning should be considered in order to perform a complete search.
N	F16L 3/245		Group F16L 3/245 is incomplete pending reclassification of documents from group F16L 3/24. Groups F16L 3/245 and F16L 3/24 should be considered in order to perform a complete search.
N	F16L 27/12		Group F16L 27/12 is impacted by reclassification into groups F16L 27/127, F16L 27/1273, F16L 27/1274, F16L 27/1275, and F16L 27/12751. All groups listed in this Warning should be considered in order to perform a complete search.
N	F16L 27/125		Group F16L 27/125 is impacted by reclassification into groups F16L 27/127, F16L 27/1273, F16L 27/1274, F16L 27/1275, and F16L 27/12751. All groups listed in this Warning should be considered in order to perform a complete search.
N	F16L 27/127		Groups F16L 27/127, F16L 27/1273, F16L 27/1274, F16L 27/1275, and F16L 27/12751 are incomplete pending reclassification of documents from groups F16L 27/12 and F16L 27/125. All groups listed in this warning should be considered in order to perform a complete search.
N	F16L 37/088		Group F16L 37/088 is impacted by reclassification into groups F16L 37/0885 and F16L 37/0887. Groups F16L 37/088, F16L 37/0885, and F16L 37/0887 should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 712

DATE: AUGUST 1, 2019

PROJECT RP0479

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F16L 37/0885		Group F16L 37/0885 is incomplete pending reclassification of documents from group F16L 37/088. Groups F16L 37/0885 and F16L 37/088 should be considered in order to perform a complete search.
N	F16L 37/0887		Group F16L 37/0887 is incomplete pending reclassification of documents from group F16L 37/088. Groups F16L 37/0887 and F16L 37/088 should be considered in order to perform a complete search.
N	F16L 37/092		Group F16L 37/092 is impacted by reclassification into groups F16L 37/0926 and F16L 37/0927. Groups F16L 37/092, F16L 37/0926, and F16L 37/0927 should be considered in order to perform a complete search.
N	F16L 37/0925		Group F16L 37/0925 is impacted by reclassification into groups F16L 37/0926 and F16L 37/0927. Groups F16L 37/0925, F16L 37/0926, and F16L 37/0927 should be considered in order to perform a complete search.
N	F16L 37/0926		Group F16L 37/0926 is incomplete pending reclassification of documents from groups F16L 37/092 and F16L 37/0925. Groups F16L 37/0926, F16L 37/092, and F16L 37/0925 should be considered in order to perform a complete search.
N	F16L 37/0927		Group F16L 37/0927 is incomplete pending reclassification of documents from groups F16L 37/092 and F16L 37/0925. Groups F16L 37/0927, F16L 37/092, and F16L 37/0925 should be considered in order to perform a complete search.
N	F16L 47/04		Group F16L 47/04 is impacted by reclassification into group F16L 47/041. Groups F16L 47/04 and F16L 47/041 should be considered in order to perform a complete search.
N	F16L 47/041		Group F16L 47/041 is incomplete pending reclassification of documents from group F16L 47/04. Groups F16L 47/041 and F16L 47/04 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.

DATE: AUGUST 1, 2019

PROJECT RP0479

2. A. DEFINITIONS (new)

Insert the following new definition.

F16L 59/06

Definition statement

This place covers:

Arrangements using an air layer or vacuum, air meaning any type of gas

CPC NOTICE OF CHANGES 712

DATE: AUGUST 1, 2019

PROJECT RP0479

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>
F16L	Definition statement	Tubular bodies that are not used to carry fluid, material or objects, e.g. pipes for scaffoldings, or furniture	<u>Replace</u> the existing statement with the following: Tubular bodies that are not used to carry fluid, material or objects, e.g. pipes for scaffoldings, or furniture are only classified in the associated field, e.g. scaffoldings or furniture.
F16L59/00	Definition statement	insulation for pipes or hoses or pipe cover elements wherein no other specific use is given. This group does not cover materials for thermal insulation, which are classified in the specific groups for the materials.	<u>Replace</u> the existing statement with the following: Thermal insulation for pipes or hoses or pipe cover elements, or in general, e.g. when no other special application of the insulation is given. This group does not cover materials for thermal insulation, which are classified in the specific groups for the materials.

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.

CPC NOTICE OF CHANGES 712

DATE: AUGUST 1, 2019

PROJECT RP0479

3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
C	F16L 3/24	F16L 3/24, F16L 3/243, F16L 3/2431, F16L 3/245
C	F16L 27/12	F16L 27/12, F16L 27/127, F16L 27/1273, F16L 27/1274, F16L 27/1275, F16L 27/12751
C	F16L 27/125	F16L 27/125, F16L 27/127, F16L 27/1273, F16L 27/1274, F16L 27/1275, F16L 27/12751
C	F16L 37/088	F16L 37/088, F16L 37/0885, F16L 37/0887
C	F16L 37/092	F16L 37/092, F16L 37/0926, F16L 37/0927
C	F16L 37/0925	F16L 37/0925, F16L 37/0926, F16L 37/0927
C	F16L 47/04	F16L 47/04, F16L 47/041

* 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.

CPC NOTICE OF CHANGES 712

DATE: AUGUST 1, 2019

PROJECT RP0479

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
F16L 3/243	F16L 3/24	NEW
F16L 3/2431	F16L 3/24	NEW
F16L 3/245	F16L 3/24	NEW
F16L 27/127	F16L 27/12	NEW
F16L 27/1273	F16L 27/12	NEW
F16L 27/1274	F16L 27/12	NEW
F16L 27/1275	F16L 27/12	NEW
F16L 27/12751	F16L 27/12	NEW
F16L 37/0885	F16L 37/088	NEW
F16L 37/0887	F16L 37/088	NEW
F16L 37/0926	F16L 37/092	NEW
F16L 37/0927	F16L 37/092	NEW
F16L 47/041	F16L 47/04	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.