

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 755

DATE: JANUARY 1, 2020

PROJECT RP0623

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Titles Changed:	F23K	Subclass
	F23K	1/00
	F23K	3/00
	F23K	5/04
	F23K	5/12
	F23K	5/142
	F23K	5/16
Warnings Deleted:	F23K	Subclass
<b>DEFINITIONS:</b>		
Definitions New:	F23K	1/00
	F23K	3/00
Definitions Modified:	F23K	Subclass
	F23K	5/00
	F23K	5/16

**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 F23K – FEEDING FUEL TO COMBUSTION APPARATUS**

<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>
M	F23K	subclass	FEEDING FUEL TO COMBUSTION APPARATUS (fuel feeders specially adapted for fluidised bed combustion apparatus F23C 10/22)	
M	F23K 1/00	0	Preparation of lump or pulverulent fuel in readiness for delivery to combustion apparatus	
M	F23K 3/00	0	Feeding or distributing of lump or pulverulent fuel to combustion apparatus	
M	F23K 5/04	2	Feeding or distributing systems using pumps (from a central source to a plurality of burners F23K 5/06)	
M	F23K 5/12	4	Preparing emulsions (burners spraying an emulsion of water and fuel into the combustion space F23D 11/16)	
M	F23K 5/142	3	{Fuel pumps}	
M	F23K 5/16	3	Safety devices (cleaning or purging devices, e.g. filters F23K 5/18)	

\*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.

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- 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 F23K – FEEDING FUEL TO COMBUSTION APPARATUS**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F23K	In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.	

\*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.

## 2. A. DEFINITIONS (new)

**Insert:** The following new Definitions.

### **F23K 1/00**

#### **References**

#### ***Informative references***

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

Filtration in general	B01D
Mixing in general	B01F
Pulverizing in general	B02C
Drying in general	F26B

### **F23K 3/00**

#### **References**

#### ***Informative references***

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

Conveying in general	B65G
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## 2. A. DEFINITIONS (modified)

F23K 5/16 (modified)

### References

**Insert:** The following new Informative references section.

#### ***Informative references***

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

Safety arrangements for combustion chambers	<a href="#">F23M 11/00</a>
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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>
F23K	Limiting References	Regulating or controlling combustion F23N	<b>Delete</b> and <b>Move to:</b> Informative References section
F23K 5/00	Limiting References	Preheating devices in burners using a direct spraying action of liquid droplets or vaporised liquid into the combustion space F23D 11/44  Vaporizing devices in burners using a direct spraying action of liquid droplets or vaporised liquid into the combustion space F23D 11/44	<b>Delete:</b> the entire Limiting References section

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.