

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 758

DATE: JANUARY 1, 2020

PROJECT RP0624

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	F23M	3/12
	F23M	5/00, 5/02, 5/06
	F23M	9/00, 9/10
	F23M	11/00, 11/04
Warnings Modified:	F23M	Subclass
DEFINITIONS:		
Definitions New:	F23M	5/02
	F23M	9/10
	F23M	11/00, 11/04
Definitions Modified:	F23M	Subclass
	F23M	3/00
	F23M	5/00
	F23M	7/00
	F23M	9/00

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)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS F23M - CASINGS, LININGS, WALLS OR DOORS SPECIALLY ADAPTED FOR COMBUSTION CHAMBERS, e.g. FIREBRIDGES; DEVICES FOR DEFLECTING AIR, FLAMES OR COMBUSTION PRODUCTS IN COMBUSTION CHAMBERS; SAFETY ARRANGEMENTS SPECIALLY ADAPTED FOR COMBUSTION APPARATUS; DETAILS OF COMBUSTION CHAMBERS, NOT OTHERWISE PROVIDED FOR

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	F23M 3/12	1	characterised by shape or construction	
M	F23M 5/00	0	Casings; Linings; Walls	
M	F23M 5/02	1	characterised by the shape of the bricks or blocks used	
M	F23M 5/06	1	Crowns or roofs for combustion chambers	
M	F23M 9/00	0	Baffles or deflectors for air or combustion products (baffles or deflectors for air or combustion products structurally associated with burners F23D); Flame shields	
M	F23M 9/10	1	Baffles or deflectors formed as tubes, e.g. in water-tube boilers	
M	F23M 11/00	0	Safety arrangements	
M	F23M 11/04	1	Means for supervising combustion, e.g. windows	

*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.

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- 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 F23M - CASINGS, LININGS, WALLS OR DOORS SPECIALLY ADAPTED FOR COMBUSTION CHAMBERS, e.g. FIREBRIDGES; DEVICES FOR DEFLECTING AIR, FLAMES OR COMBUSTION PRODUCTS IN COMBUSTION CHAMBERS; SAFETY ARRANGEMENTS SPECIALLY ADAPTED FOR COMBUSTION APPARATUS; DETAILS OF COMBUSTION CHAMBERS, NOT OTHERWISE PROVIDED FOR

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	F23M	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.	{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.}

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2. A. DEFINITIONS (new)

Insert: the following new Definitions.

F23M 5/02

References

Informative references

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

Ceramic materials	C04B33/00 , C04B35/00
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F23M 9/10

References

Informative references

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

Interconnection of such tubes in boilers for fluid flow	F22
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F23M 11/00

References

Informative references

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

Safety arrangement structurally associated with burners	F23D
Safety arrangements for liquid fuel feeding	F23K5/16
Safety arrangement involving control of combustion	F23N5/24
Safety arrangements structurally associated with igniters	F23Q

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F23M 11/04

References

Informative references

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

Alarm systems in general	G08B
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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing Reference(s) symbol or text</u>	<u>Action; New symbol; New text</u>
F23M	Limiting References	Construction or support of tube walls for steam boilers F22B Combustion chambers and related components specially adapted for generating combustion products of high pressure or high velocity F23R	Delete: the entire Limiting references section.
F23M	Informative References		Add: the following two rows to the Informative references table. Construction or support of tube walls for steam boilers F22B Combustion chambers and related components specially adapted for generating combustion products of high pressure or high velocity F23R
F23M 3/00	Limiting References	Baffles non confining the fire F23M 9/06	Delete: the entire Limiting references section.
F23M 3/00	Informative References		Add: the following row to the Informative references table. Baffles not confining the fire F23M 9/06
F23M 5/00	Limiting References	Casings, linings, or walls of heat-treatment chambers of ovens, kilns, or retorts F27D	Delete: the entire Limiting references section.
F23M 5/00	Informative References		Add: the following two rows to the Informative references table. Construction or support of tube walls for steam boilers F22B Casings, linings, or walls of heat-treatment chambers of ovens, kilns, or retorts F27D
F23M 7/00	Limiting References	Doors in general E06B Doors for flues or smoke-boxes F23J 13/08	Delete: the entire Limiting references section.

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F23M 7/00	Informative References		<p><u>Insert:</u> a new Informative references section with the following two new references.</p> <p>Informative references</p> <p><i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Doors in general E06B</p> <p>Doors for flues or smoke-boxes F23J 13/08</p>
F23M 9/00	Limiting References	<p>Controlling combustion using gas detectors F23N5/003</p> <p>Safety arrangements obtained by means of controlling combustion F23N5/24</p> <p>Alarm systems G08B</p>	<p><u>Delete:</u> the following three rows from the Limiting references table.</p> <p>Controlling combustion using gas detectors F23N5/003</p> <p>Safety arrangements obtained by means of controlling combustion F23N5/24</p> <p>Alarm systems G08B</p>
F23M 9/00	Limiting References		<p><u>Add:</u> the following row to the Limiting references table.</p> <p>Baffles or deflectors for air or combustion products structurally associated with burners F23D</p>
F23M 9/00	Informative References		<p><u>Add:</u> the following three rows to the Informative references table.</p> <p>Controlling combustion using gas detectors F23N5/003</p> <p>Safety arrangements obtained by means of controlling combustion F23N5/24</p> <p>Alarm systems G08B</p>

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(s) symbol, etc.
- Do not delete (F) symbol definitions.