

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 86

DATE: JULY 1, 2015

PROJECT RP0086

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>Symbols deleted:</b>	F23D	21/00
	F23D	21/005
	F23D	99/003
	F23D	99/006
<b>Symbols newly created:</b>	F23D	91/00
	F23D	91/02
	F23D	91/04
<b>New/modified Definitions (no frozen (F)symbol definitions should be deleted):</b>	F23D	21/00 (deleted)
	F23D	91/00 (new)
<b>Scheme Notes to be added:</b>	F23D	21/00 (deleted)
	F23D	91/00 (new)

**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): F23D5/00**

**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 F23D - BURNERS**

<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<sup>#</sup></u>
D	F23D21/00	0		<administrative transfer to F23D91/00>
D	F23D21/005	0		<administrative transfer to F23D91/02>
U	F23D23/00	0		
N	F23D91/00	0	{ Burners specially adapted for specific applications, not otherwise provided for }	
N	F23D91/02	1	{ for use in particular heating operations }	
N	F23D91/04	2	{ for heating liquids, e.g. for vaporising or concentrating }	
D	F23D99/003	1		<administrative transfer to F23D91/02>
D	F23D99/006	1		<administrative transfer to F23D91/04>

\*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.

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).
- 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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C. New, Modified or Deleted Note(s)

**SUBCLASS F23D - BURNERS**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
D	F23D21/00	{F23D 5/00F23D 21/00F23D 11/008}	
N	F23D91/00		{Combinations of spraying or vaporising means covered by sub-groups F23D5/00 and F23D91/00 are classified in F23D11/008}

\*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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## 2. A. DEFINITIONS (i.e. new or modified)

Delete the following:

**F23D21/00** symbol and all of the text that follows the symbol. (The entire F23D21/00 definition is being transferred to F23D91/00.)

Insert the following (new):

**F23D91/00**

{Burners specially adapted for specific applications, not otherwise provided for}

### References relevant to classification in this group

Combinations of spraying or vaporising means covered by subgroups <a href="#">F23D5/00</a> and <a href="#">F23D91/00</a>	<a href="#">F23D11/008</a>
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### Informative references

Using burners for spectroscopy	<a href="#">G01N21/72</a>
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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	F23D21/00	<administrative transfer to F23D91/00>
D	F23D21/005	<administrative transfer to F23D91/02>
D	F23D99/003	<administrative transfer to F23D91/02>
D	F23D99/006	<administrative transfer to F23D91/04>

\* 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>
F23D21/00	F23D21/00	Delete CPC/IPC
F23D21/005	F23D21/00	Delete CPC/IPC
F23D91/00	F23D99/00	New CPC/IPC
F23D91/02	F23D99/00	New CPC/IPC
F23D91/04	F23D99/00	New CPC/IPC
F23D99/003	F23D99/00	Delete CPC/IPC
F23D99/006	F23D99/00	Delete CPC/IPC

\*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>
F23D5/00	F23D21/00	References relevant to classification in this group	F21D91/00

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.