

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 518

AUGUST 1, 2018

PROJECT RP0435

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:	F23L	Subclass
	F23L	1/00
	F23L	5/02
	F23L	9/00
	F23L	13/00
	F23L	17/00
Warnings New:	F23L	1/00
	F23L	9/00
	F23M	9/02
DEFINITIONS:		
Definitions New:	F23L	5/02
Definitions Modified:	F23L	SUBCLASS
	F23L	1/00
	F23L	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 F23L - AIR SUPPLY; DRAUGHT-INDUCING; SUPPLYING NON-COMBUSTIBLE LIQUID OR GAS

<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	F23L	SUBCLASS	SUPPLYING AIR OR NON-COMBUSTIBLE LIQUIDS OR GASES TO COMBUSTION APPARATUS IN GENERAL ({air-supply arrangements for fluent fuels F23C; } firebridges with means for feeding air or steam F23M 3/04; baffles or shields with air supply passages F23M 9/04); VALVES OR DAMPERS SPECIALLY ADAPTED FOR CONTROLLING AIR SUPPLY OR DRAUGHT IN COMBUSTION APPARATUS {(dampers and throat restrictors for open fire-places F24; air inlet valves for open fire fronts F24)}; INDUCING DRAUGHT IN COMBUSTION APPARATUS; TOPS FOR CHIMNEYS OR VENTILATING SHAFTS; TERMINALS FOR FLUES	
C	F23L 1/00	0	Passages or apertures for delivering primary air for combustion (baffles or deflectors in air inlets F23M 9/02)	F23L 1/00, F23M 9/02
M	F23L 5/02	1	Arrangements of fans or blowers	
C	F23L 9/00	0	Passages or apertures for delivering secondary air for completing combustion of fuel (baffles or deflectors in air inlets F23M 9/02)	F23L 9/00, F23M 9/02
M	F23L 13/00	0	Construction of valves or dampers for controlling air supply or draught	
M	F23L 17/00	0	Inducing draught; Tops for chimneys or ventilating shafts; Terminals for flues	

*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=

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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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B. New, Modified or Deleted Warning notice(s)

SUBCLASS F23L - AIR SUPPLY; DRAUGHT-INDUCING; SUPPLYING NON-COMBUSTIBLE LIQUID OR GAS

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	F23L 1/00		Group F23L 1/00 is impacted by reclassification into group F23M 9/02. Groups F23L 1/00 and F23M 9/02 should be considered in order to perform a complete search.
N	F23L 9/00		Group F23L 9/00 is impacted by reclassification into group F23M 9/02. Groups F23L 9/00 and F23M 9/02 should be considered in order to perform a complete search.

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

N	F23M 9/02		Group F23M 9/02 is incomplete pending reclassification of documents from groups F23L 1/00 and F23L 9/00. Groups F23L 1/00, F23L 9/00, and F23M 9/02 should be considered in order to perform a complete search.
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*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. A. DEFINITIONS (new)

F23L 5/02

Arrangements of fans or blowers

References

Informative references

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

Fans or blowers <u>per se</u>	F04
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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>
F23L SUBCLASS	Limiting references	<p>Returning flue gases to the combustion chamber of combustion apparatus for solid fuel F23B 80/02</p> <p>Returning flue gases to the combustion chamber of combustion apparatus for liquid or gaseous fuel or pulverised solid fuel suspended in Air F23C 9/00</p> <p>Grates for combustion apparatus F23H</p> <p>Firebridges for delivery of air or steam to combustion apparatus F23M 3/04</p> <p>Supplying chemicals to fires F23J 7/00</p> <p>Cooling of casings, lining or walls of combustion chambers F23M 5/08</p> <p>Doors specially adapted for combustion chambers F23M 7/00</p> <p>Baffles or deflectors in air inlets of combustion chambers F23M 9/02</p> <p>Baffles or deflectors for air or combustion products with air-supply passages F23M 9/04</p>	<p>Action: Delete the following rows from existing table:</p> <p>Returning flue gases to the combustion chamber of combustion apparatus for solid fuel F23B 80/02</p> <p>Returning flue gases to the combustion chamber of combustion apparatus for liquid or gaseous fuel or pulverised solid fuel suspended in Air F23C 9/00</p> <p>Grates for combustion apparatus F23H</p> <p>Supplying chemicals to fires F23J 7/00</p> <p>Cooling of casings, lining or walls of combustion chambers F23M 5/08</p> <p>Doors specially adapted for combustion chambers F23M 7/00</p> <p>Baffles or deflectors in air inlets of combustion chambers F23M 9/02</p>
F23L SUBCLASS	Limiting references		<p>Action: Add the following rows to the existing table:</p> <p>Air-supply arrangements for fluent fuels F23C</p> <p>Dampers and throat restrictors for open fire-places F24</p> <p>Air inlet valves for open fire fronts F24</p>

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F23L SUBCLASS	Informative references		<p>Action: Add the following rows to the existing table:</p> <p>Returning flue gases to the combustion chamber of combustion apparatus for solid fuel F23B 80/02</p> <p>Returning flue gases to the combustion chamber of combustion apparatus for liquid or gaseous fuel or pulverised solid fuel suspended in air F23C 9/00</p> <p>Grates for combustion apparatus F23H</p> <p>Supplying chemicals to fires F23J 7/00</p> <p>Cooling of casings, lining or walls of combustion chambers F23M 5/08</p> <p>Doors specially adapted for combustion chambers F23M 7/00</p> <p>Baffles or deflectors in air inlets of combustion chambers F23M 9/02</p>
F23L SUBCLASS	Glossary of terms	Combustion means the direct combination of oxygen gas, e.g. in air, and a burnable substance	<p>Action: Replace text by:</p> <p>Combustion a heat-producing sequence of chemical reactions between a burnable substance and molecular oxygen, e.g. in air, in most cases generating light in the form of flames or a glow</p>
F23L 1/00	Limiting references	none	<p>Action: Add the following row to a new table:</p> <p>Baffles or deflectors in air inlets F23M 9/02</p>
F23L 9/00	Limiting references	none	<p>Action: Add the following row to a new table:</p> <p>Baffles or deflectors in air inlets F23M 9/02</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 symbol, etc.
- Do not delete (F) symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	F23L 1/00	F23L 1/00, F23M 9/02
C	F23L 9/00	F23L 9/00, F23M 9/02

* 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, F 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”.