

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 960

DATE: JANUARY 1, 2021

PROJECT RP0709

**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:	F24B	SUBCLASS
	F24B	1/04, 1/06, 1/10, 1/1802, 1/182, 1/185, 1/187, 1/188, 1/189
	F24B	3/00
	F24B	5/021
	F24B	7/00
	F24B	9/00
	F24B	13/00, 13/02, 13/04
	F24B	15/00, 15/005
Warnings Deleted:	F24B	SUBCLASS
Warnings New:	F24B	1/04, 1/08, 1/10, 1/14, 1/16, 1/191
	F24B	13/00, 13/002
<b>DEFINITIONS:</b>		
Definitions New:	F24B	1/06, 1/187
	F24B	5/021
	F24B	13/02, 13/04
	F24B	15/005
Definitions Modified:	F24B	SUBCLASS
	F24B	3/00
	F24B	7/00
	F24B	9/00
	F24B	13/00
	F24B	15/00

**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)

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- 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 F24B - DOMESTIC STOVES OR RANGES FOR SOLID FUELS**

<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	F24B	Subclass	DOMESTIC STOVES OR RANGES FOR SOLID FUELS (for solid fuels in combination with gaseous fuels, liquid fuels or other kinds of energy supply F24C 1/02); IMPLEMENTS FOR USE IN CONNECTION WITH STOVES OR RANGES	
T	F24B 1/04	2	built-up from glazed tiles	
T	F24B 1/06	3	Construction of tiles or bracing means therefor, e.g. shim liner	
C	F24B 1/08	2	with fuel storage in a single undivided hopper within stove or range	F24B 1/04, F24B 1/06, F24B 1/08
C	F24B 1/10	3	with combustion in horizontal direction (with predistillation in the hopper F24B 1/14)	F24B 1/04, F24B 1/06, F24B 1/10
C	F24B 1/14	3	with predistillation in the hopper	F24B 1/04, F24B 1/06, F24B 1/14
C	F24B 1/16	2	with fuel storage in multiple or divided hoppers within the stove or range	F24B 1/04, F24B 1/06, F24B 1/16
M	F24B 1/1802	2	{ adapted for the use of both solid fuel and another type of fuel or energy supply (for stoves without open fires F24C 1/02) }	
M	F24B 1/182	2	with additional provisions for cooking	
M	F24B 1/185	2	with air-handling means, heat exchange means, or additional provisions for convection heating (with additional provisions for heating water F24B 1/183; component parts or accessories having air-handling means, heat exchange means, or additional provisions for convection	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <b>“CPC only” text should normally be enclosed in {curly brackets}**</b>	<u>Transferred to#</u>
			heating F24B 1/191); Controlling combustion	
M	F24B 1/187	3	Condition responsive controls for regulating combustion	
M	F24B 1/188	3	characterised by use of heat exchange means {, e.g. using a particular heat exchange medium, e.g. oil, gas} (condition responsive controls for regulating combustion F24B 1/187)	
M	F24B 1/189	3	characterised by air-handling means, i.e. of combustion-air, heated-air, or flue-gases, e.g. draught control dampers (condition responsive controls for regulating combustion F24B 1/187; by use of heat exchange means F24B 1/188)	
M	F24B 3/00	0	Heaters not covered by group F24B 1/00, e.g. charcoal braziers	
M	F24B 5/021	2	{combustion-air circulation}	
M	F24B 7/00	0	Stoves, ranges or flue-gas ducts, with additional provisions for convection heating (stoves with open fires characterised by use of heat exchange means F24B 1/188)	
M	F24B 9/00	0	Stoves, ranges or flue-gas ducts, with additional provisions for heating water (stoves with open fires with additional provisions for cooking F24B 1/182; for heating water F24B 1/183)	
C	F24B 13/00	0	Details solely applicable to stoves or ranges burning solid fuels (component parts or accessories for stoves with open-fires F24B 1/191)	F24B 1/191, F24B 13/00
C	F24B 13/002	1	{Surrounds}	F24B 1/191, F24B 13/002
M	F24B 13/02	1	Arrangement or mountings of fire-grate assemblies; Arrangement or mountings of linings for fire-boxes, e.g. fire-backs	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <b>“CPC only” text should normally be enclosed in {curly brackets}**</b>	<u>Transferred to#</u>
M	F24B 13/04	1	Arrangements for feeding solid fuel, e.g. hoppers	
M	F24B 15/00	0	Implements for use in connection with stoves or ranges	
M	F24B 15/005	1	{Igniting devices; Fire-igniting fans}	

\*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.
- 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 F24B - DOMESTIC STOVES OR RANGES FOR SOLID FUELS**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	F24B	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.	<u>Delete</u> this warning.
N	F24B 1/04		Groups F24B 1/04 and F24B 1/06 are incomplete pending reclassification of documents from groups F24B 1/08, F24B 1/10, F24B 1/14, and F24B 1/16. All groups listed in this Warning should be considered in order to perform a complete search.
N	F24B 1/08		Group F24B 1/08 is impacted by reclassification into groups F24B 1/04 and F24B 1/06. Groups F24B 1/08, F24B 1/04, and F24B 1/06 should be considered in order to perform a complete search.
N	F24B 1/10		Group F24B 1/10 is impacted by reclassification into groups F24B 1/04 and F24B 1/06. Groups F24B 1/10, F24B 1/04, and F24B 1/06 should be considered in order to perform a complete search.
N	F24B 1/14		Group F24B 1/14 is impacted by reclassification into groups F24B 1/04 and F24B 1/06. Groups F24B 1/14, F24B 1/04, and F24B 1/06 should be considered in order to perform a complete search.
N	F24B 1/16		Group F24B 1/16 is impacted by reclassification into groups F24B 1/04 and F24B 1/06. Groups F24B 1/16, F24B 1/04, and F24B 1/06 should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	F24B 1/191		Group F24B 1/191 is incomplete pending reclassification of documents from groups F24B 13/00 and F24B 13/002. Groups F24B 13/00, F24B 13/002, and F24B 1/191 should be considered in order to perform a complete search.
N	F24B 13/00		Group F24B 13/00 is impacted by reclassification into group F24B 1/191. Groups F24B 13/00 and F24B 1/191 should be considered in order to perform a complete search.
N	F24B 13/002		Group F24B 13/002 is impacted by reclassification into group F24B 1/191. Groups F24B 13/002 and F24B 1/191 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.

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## 2. A. DEFINITIONS (new)

Insert: The following new definitions.

### F24B 1/06

#### References

##### *Informative references*

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

Forming of tiles in general	<a href="#">B28B</a>
Glazing of tiles in general	<a href="#">C04B</a>

### F24B 1/187

#### References

##### *Informative references*

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

Valves or dampers for air supply	<a href="#">F23L</a>
Regulating or controlling combustion	<a href="#">F23N</a>

### F24B 5/021

#### References

##### *Informative references*

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

Valves or dampers for air supply	<a href="#">F23L</a>
Regulating or controlling combustion	<a href="#">F23N</a>



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**F24B 13/02**

**References**

***Informative references***

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

Ceramic materials	C04B 33/00, C04B 35/00
Grates in general	F23H
Casings, linings, walls for combustion chambers in general	F23M

**F24B 13/04**

**References**

***Informative references***

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

Feeding solid fuel to combustion apparatus in general	F23K
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**F24B 15/005**

**References**

***Informative references***

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

Charcoal igniting devices for barbecues	A47J 37/079
Firelighters	C10L 11/00
Bellows	F04B 45/02
Incandescent igniters for igniting solid fuel	F23Q 7/02
Gas poker	F23Q 13/02

## 2. A. DEFINITIONS (modified)

Insert: The following modifications.

### F24B

Insert: The following new Limiting reference section and table row.

#### References

#### *Limiting references*

*This place does not cover:*

For solid fuels in combination with gaseous fuels, liquid fuels or other kinds of energy supply	F24C 1/02
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### F24B 3/00

Insert: The following new Application-oriented reference section and table row.

#### References

#### *Application-oriented references*

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Heaters for cooking	A47J 27/00 - A47J 37/00
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**F24B 7/00**

Insert: The following new Limiting reference section and table row.

**References**

***Limiting references***

*This place does not cover:*

Stoves with open fires characterised by use of heat exchange means	<a href="#">F24B 1/188</a>
--	----------------------------

**F24B 9/00**

Insert: The following new Limiting reference section and table rows.

**References**

***Limiting references***

*This place does not cover:*

Stoves with open fires with additional provisions for cooking	<a href="#">F24B 1/182</a>
Stoves with open fires for heating water	<a href="#">F24B 1/183</a>

**F24B 13/00**

Insert: The following new Limiting reference section and table row.

**References**

***Limiting references***

*This place does not cover:*

Component parts or accessories for stoves with open-fires	<a href="#">F24B 1/191</a>
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***Informative references***

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

Delete: The following table row from the Informative references table.

Components parts or accessories for stoves with open-fires	<a href="#">F24B 1/191</a>
--	----------------------------

**F24B 15/00**

**References**

***Informative references***

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

Delete: The following table rows from the Informative references table.

Charcoal igniting devices for barbecues	<a href="#">A47J 37/079</a>
Sieving, screening, sifting, or sorting solid materials using networks, grating, grids, or the like	<a href="#">B07B 1/00</a>
Manufacture of firelighters	<a href="#">C10L11/00</a>
Incandescent igniters for igniting solid fuel	<a href="#">F23Q 7/02</a>

Insert: The following table rows into the Informative references table.

Separating solids from solids by sieving, screening or sifting	<a href="#">B07B</a>
Devices for igniting	<a href="#">F23Q</a>

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3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
C	F24B 1/08	F24B 1/04, F24B 1/06, F24B 1/08
C	F24B 1/10	F24B 1/04, F24B 1/06, F24B 1/10
C	F24B 1/14	F24B 1/04, F24B 1/06, F24B 1/14
C	F24B 1/16	F24B 1/04, F24B 1/06, F24B 1/16
C	F24B 13/00	F24B 1/191, F24B 13/00
C	F24B 13/002	F24B 1/191, F24B 13/002

\* 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.
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- 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.