

## SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

### F24 HEATING; RANGES; VENTILATING

#### F24C OTHER DOMESTIC STOVES OR RANGES; DETAILS OF DOMESTIC STOVES OR RANGES, OF GENERAL APPLICATION (radiator stoves of the fluid-circulating type F24H)

##### Subclass index

##### STOVES OR RANGES, NOT RESTRICTED TO SOLID FUEL

General characteristics.....	1/00
With single kind of fuel or energy supply.....	3/00-9/00
With more than one, or unspecified kind of fuel or energy supply.....	1/00
With additional means for heating water.....	13/00
With self-cleaning provisions.....	14/00
Combinations of stoves or ranges.....	11/00

##### DETAILS OF STOVES OR RANGES IN GENERAL.....15/00

#### **1/00 Stoves or ranges in which the fuel or energy supply is not restricted to solid fuel or to a type covered by a single one of groups F24C 3/00-F24C 9/00; Stoves or ranges in which the type of fuel or energy supply is not specified**

- 1/02 • adapted for the use of two or more kinds of fuel or energy supply (F24C 1/16 takes precedence; combinations of two or more stoves or ranges each having a different kind of fuel or energy supply F24C 11/00)
- 1/04 • • simultaneously
- 1/06 • • by replacing parts, e.g. replacing burner by electric heater
- 1/08 • solely adapted for radiation heating (F24C 1/16 takes precedence)
- 1/10 • • with reflectors
- 1/12 • • • of circular shape
- 1/14 • Radiation heating stoves or ranges, with additional provision for convection heating (F24C 1/02, F24C 1/16 take precedence; solely adapted for convection heating F24H)
- 1/16 • with special adaptation for travelling, e.g. collapsible

#### **3/00 Stoves or ranges for gaseous fuels**

- 3/02 • with heat produced solely by flame (F24C 3/14 takes precedence)
- 3/04 • with heat produced wholly or partly by a radiant body, e.g. by a perforated plate (F24C 3/14 takes precedence)
- 3/06 • • without any visible flame
- 3/08 • Arrangement or mounting of burners (burners per se F23D)
- 3/10 • Arrangement or mounting of ignition devices (ignition devices per se F23Q)
- 3/12 • Arrangement or mounting of control or safety devices (control valves F16K; safety devices for burners F23D 14/72; regulating or controlling combustion F23N)
- 3/14 • with special adaptation for travelling, e.g. collapsible

#### **5/00 Stoves or ranges for liquid fuels**

- 5/02 • with evaporation burners, e.g. dish type (F24C 5/20 takes precedence)
- 5/04 • • wick type
- 5/06 • • • adjustable
- 5/08 • • with heat produced wholly or partly by a radiant body
- 5/10 • with atomising burners (F24C 5/20 takes precedence)
- 5/12 • Arrangement or mounting of burners (burners per se F23D)
- 5/14 • Arrangement or mounting of ignition devices (ignition devices per se F23Q)
- 5/16 • Arrangement or mounting of control or safety devices (control valves F16K; safety devices for burners F23D; regulating or controlling combustion F23N)
- 5/18 • Liquid-fuel supply arrangements forming parts of stoves or ranges (feeding liquid fuel to combustion apparatus in general F23K)
- 5/20 • with special adaptation for travelling, e.g. collapsible

#### **7/00 Stoves or ranges heated by electric energy (electric heating elements or arrangements H05B)**

- 7/02 • using microwaves (heating using microwaves in general H05B 6/64)
- 7/04 • with heat radiated directly from the heating element (F24C 7/10 takes precedence)
- 7/06 • Arrangement or mounting of electric heating elements
- 7/08 • Arrangement or mounting of control or safety devices (switches H01H; circuit arrangements for electric heating H05B)
- 7/10 • with special adaptation for travelling, e.g. collapsible

#### **9/00 Stoves or ranges heated by a single type of energy supply not covered by groups F24C 3/00-F24C 7/00 or subclass F24B (using the heat from an exothermal reaction not involving a supply of free oxygen gas, using solar energy F24J)**

## F24C

11/00	<b>Combinations of two or more stoves or ranges, e.g. each having a different kind of energy supply</b>	15/16	• Shelves, racks, or trays inside ovens; Supports therefor
13/00	<b>Stoves or ranges with additional provisions for heating water [3]</b>	15/18	• Arrangement of compartments additional to cooking compartments, e.g. for warming, for storing utensils or fuel containers; Arrangement of additional heating or cooking apparatus, e.g. grills (grills <i>per se</i> A47J)
14/00	<b>Stoves or ranges having self-cleaning provisions, e.g. continuous or catalytic cleaning, electrostatic cleaning [3]</b>	15/20	• Removing cooking fumes (parts, details or accessories of cooking-vessels for withdrawing or condensing cooking vapours from such vessels A47J 36/38) [5]
14/02	• pyrolytic type [3]	15/22	• Reflectors for radiation heaters
15/00	<b>Details</b> (electric heating elements or arrangements H05B)	15/24	• Radiant bodies or panels for radiation heaters (radiant gas burners F23D 14/12)
15/02	• Doors specially adapted for stoves or ranges (in general E06B; for combustion chambers F23M)	15/26	• Handles for carrying
15/04	• • with transparent panels	15/28	• Draught shields
15/06	• Ornamental features, e.g. grate front, surround	15/30	• Arrangements for mounting stoves or ranges in particular locations
15/08	• Foundations or support plates; Legs or pillars; Casings; Wheels (F24C 15/10 takes precedence)	15/32	• Arrangements of ducts for hot gases, e.g. in or around baking ovens
15/10	• Tops, e.g. hot plate; Rings (F24C 15/12, F24C 15/14 take precedence)	15/34	• Elements or arrangements for heat storage or insulation
15/12	• Side rests; Side plates; Cover lids; Splash guards; Racks outside ovens, e.g. for drying plates	15/36	• Protective guards, e.g. for preventing access to heated parts
15/14	• Spillage trays or grooves		