

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

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| 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

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| 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 | 5/00 | Stoves or ranges for liquid fuels |
| 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) | 5/02 | • with evaporation burners, e.g. dish type (F24C 5/20 takes precedence) |
| 1/04 | • • simultaneously | 5/04 | • • wick type |
| 1/06 | • • by replacing parts, e.g. replacing burner by electric heater | 5/06 | • • • adjustable |
| 1/08 | • solely adapted for radiation heating (F24C 1/16 takes precedence) | 5/08 | • • with heat produced wholly or partly by a radiant body |
| 1/10 | • • with reflectors | 5/10 | • with atomising burners (F24C 5/20 takes precedence) |
| 1/12 | • • • of circular shape | 5/12 | • Arrangement or mounting of burners (burners <u>per se</u> F23D) |
| 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) | 5/14 | • Arrangement or mounting of ignition devices (ignition devices <u>per se</u> F23Q) |
| 1/16 | • with special adaptation for travelling, e.g. collapsible | 5/16 | • Arrangement or mounting of control or safety devices (control valves F16K; safety devices for burners F23D; regulating or controlling combustion F23N) |
| 3/00 | Stoves or ranges for gaseous fuels | 5/18 | • Liquid-fuel supply arrangements forming parts of stoves or ranges (feeding liquid fuel to combustion apparatus in general F23K) |
| 3/02 | • with heat produced solely by flame (F24C 3/14 takes precedence) | 5/20 | • with special adaptation for travelling, e.g. collapsible |
| 3/04 | • with heat produced wholly or partly by a radiant body, e.g. by a perforated plate (F24C 3/14 takes precedence) | 7/00 | Stoves or ranges heated by electric energy (electric heating elements or arrangements H05B) |
| 3/06 | • • without any visible flame | 7/02 | • using microwaves (heating using microwaves in general H05B 6/64) |
| 3/08 | • Arrangement or mounting of burners (burners <u>per se</u> F23D) | 7/04 | • with heat radiated directly from the heating element (F24C 7/10 takes precedence) |
| 3/10 | • Arrangement or mounting of ignition devices (ignition devices <u>per se</u> F23Q) | 7/06 | • Arrangement or mounting of electric heating elements |
| 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) | 7/08 | • Arrangement or mounting of control or safety devices (switches H01H; circuit arrangements for electric heating H05B) |
| 3/14 | • with special adaptation for travelling, e.g. collapsible | 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

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