CPC   COOPERATIVE PATENT CLASSIFICATION

F   MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
(NOTE omitted)

LIGHTING; HEATING

F24   HEATING; RANGES; VENTILATING
(NOTE omitted)

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

WARNING
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.

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 the following 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 and 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 and ranges for gaseous fuels
3/002 . [Stoves]
3/004 . . [of the closed type]
3/006 . . [simulating flames]
3/008 . . [Ranges]
3/02 . with heat produced solely by flame (F24C 3/14 takes precedence)
3/022 . . . [Stoves]
3/025 . . . . [of the closed type]
3/027 . . . . [Ranges]
3/04 . with heat produced wholly or partly by a radiant body, e.g. by a perforated plate (F24C 3/14 takes precedence)
3/042 . . . . [Stoves]
3/045 . . . . . [of the closed type]
3/047 . . . . . [Ranges]
3/06 . . without any visible flame
3/062 . . . . [stoves]
3/065 . . . . . [of the closed type]
3/067 . . . . [Ranges]
3/08 . Arrangement or mounting of burners (burners per se F23D)
3/082 . . . [on stoves]
3/085 . . . [on ranges]
3/087 . . . . [in baking ovens]
3/10 . Arrangement or mounting of ignition devices (ignition devices per se F23Q)
3/103 . . . . [of electric ignition devices]
3/106 . . . . [of flash tubes]
3/12 . Arrangement for mounting of control and safety devices (control valves F16K; safety devices for burners F23D; regulating or controlling combustion F23N)
3/122 . . . [on stoves]
3/124 . . . [Control panels]
3/126 . . . [on ranges]
3/128 . . . . [in baking ovens]
3/14 . with special adaptation for travelling, e.g. collapsible

5/00 Stoves and 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 and mounting of control and 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)
heaters or water-heating elements F24H 1/00
Stoves or ranges with additional provisions for each having a different kind of energy supply
Combinations of two or more stoves or ranges, e.g. involving a supply of free oxygen gas F24V 30/00
using the heat from an exothermal reaction not involving a supply of energy supply not covered by groups Stoves or ranges heated by a single type - F24C 7/00; . . .
Stoves or ranges heated by electrical energy (electric heating elements or arrangements H05B)
Stoves or ranges having self-cleaning provisions, e.g. continuous or catalytic cleaning, electrostatic cleaning
- Stoves or ranges having self-cleaning provisions, e.g. continuous or catalytic cleaning, electrostatic cleaning
14/00
14/00 . . . [using a cleaning liquid]
14/02 . pyrolytic type
14/025 . . . [for gaseous fuels]
Details
15/00 . . . [arrangements for discharging combustion gases]
15/002 . . . [for stoves of the closed type]
15/003 . [moisturising of air]
15/004 . [Windows not in a door]
15/005 . [Coatings for ovens]
15/006 . [Arrangements for circulation of cooling air]
15/007 . [Removable panels]
15/008 . [Illumination for oven cavities]
15/02 . Doors specially adapted for stoves or ranges (in general E06B; for combustion chambers F23M)
15/021 . . . [sealings for doors or transparent panels (sealings for wings in general E06B 7/16)]
15/022 . . . [Latches (in general E05C)]
15/023 . . . . [Mounting of doors, e.g. hinges, counterbalancing (in general E05D, E05F)]
15/024 . . . . [Handles (in general E05B)]
15/025 . . . . [with air curtain closures]
15/026 . . . . [stowing of door in open position]
15/027 . . . . [located at bottom side of housing]
15/028 . . . . [Stoves doors]
15/04 . . . . . [being dismountable, e.g. giving access for cleaning]
15/05 . . . . . . [Ornamental features, e.g. grate front, surround]
15/08 . . . . . . [Foundations or supports plates; Legs or pillars; Casings; Wheels (F24C 15/10 takes precedence)]
15/083 . . . . . . [Anti-tip arrangements]
15/086 . . . . . . [Adjustable legs or pillars]
15/10 . . . . . . . [Tops, e.g. hot plate; Rings (F24C 15/12, F24C 15/14 take precedence)]
15/101 . . . . . . . [provisions for circulation of air]
15/102 . . . . . . . . [electrically heated]
15/103 . . . . . . . . [being movable or rotatable]
15/104 . . . . . . . . [Arrangements of connectors, grounding, supply wires]
15/105 . . . . . . . . . [Constructive details concerning the regulation of the temperature]
15/106 . . . . . . . . . . [electric circuits]
15/107 . . . . . . . . . . [Pan supports or grates therefor]
15/108 . . . . . . . . . . [Mounting of hot plate on worktop]
15/12 . . . . . . . . . . . [Side rests; Side plates; Cover lids; Splash guards; Racks outside ovens, e.g. for drying plates]
15/14 . . . . . . . . . . . . [Spillage trays or grooves]
15/16 . . . . . . . . . . . . [Shelves, racks, (rotisserie spits,) or trays inside ovens; Supports therefor]
15/162 . . . . . . . . . . . . . [Co-operating with a door, e.g. operated by the door]
15/164 . . . . . . . . . . . . . . [Rotisserie spits inside ovens]
15/166 . . . . . . . . . . . . . . . [with integrated heating means]
15/168 . . . . . . . . . . . . . . . . [with telescopic rail systems]
15/18 . . . . . . . . . . . . . . . . . . [Arrangement of compartments additional to cooking compartments, e.g. for warming, for storing utensils or fuel containers; Arrangements of additional cooking or heating apparatus, e.g. grills (additional cooking arrangements on stoves)]
15/20 . Removing cooking fumes (parts, details or accessories of cooking-vessels for withdrawing or condensing cooking vapours from such vessels A47J 36/38)
15/2007 . . {from oven cavities}
15/2014 . . . {with means for oxidation of cooking fumes}
15/2021 . . . {Arrangement or mounting of control or safety systems}
15/2028 . . . {using an air curtain}
15/2035 . . . {Arrangement or mounting of filters (F24C 15/2021 takes precedence; filters per se B01D 46/00)}
15/2042 . . . {Devices for removing cooking fumes structurally associated with a cooking range (F24C 15/2007 takes precedence)}
15/205 . . . . {with means for oxidation of cooking fumes}
15/2057 . . . . {using a cleaning liquid}
15/2064 . . . . {illumination for cooking hood}
15/2071 . . . . {mounting of cooking hood}
15/2078 . . . . {movable}
15/2085 . . . . {adjustable in height}
15/2092 . . . . . {extendable or pivotable}
15/22 . Reflectors for radiation heaters
15/24 . Radiant bodies or panels for radiation heaters (gas burners for producing infra-red radiation F23D 14/12)
15/26 . Handles for carrying
15/28 . Draught shields
15/30 . Arrangements for mounting stoves or ranges in particular locations
15/32 . Arrangements of ducts for hot gases, e.g. in or around baking ovens
15/322 . . . {with forced circulation}
15/325 . . . . {electrically-heated}
15/327 . . . . . {with air moisturising}
15/34 . Elements and arrangements for heat storage or insulation
15/36 . Protective guards, e.g. for preventing access to heated parts