

CPC**COOPERATIVE PATENT CLASSIFICATION****F24C**

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

F24C 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](#) to [F24C 9/00](#); Stoves or ranges in which the type of fuel or energy supply is not specified

F24C 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](#))

F24C 1/04

- .. simultaneously

F24C 1/06

- .. by replacing parts, e.g. replacing burner by electric heater

F24C 1/08

- . solely adapted for radiation heating ([F24C 1/16](#) takes precedence)

F24C 1/10

- .. with reflectors

F24C 1/12

- ... of circular shape

F24C 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](#))

F24C 1/16

- . with special adaptation for travelling, e.g. collapsible

F24C 3/00

Stoves and ranges for gaseous fuels

F24C 3/002

- . {Stoves}

F24C 3/004

- .. {of the closed type}

F24C 3/006

- .. {simulating flames}

F24C 3/008

- . {Ranges}

F24C 3/02

- . with heat produced solely by flame ([F24C 3/14](#) takes precedence)

F24C 3/022

- .. {Stoves}

F24C 3/025

- ... {of the closed type}

F24C 3/027

- .. {Ranges}

F24C 3/04

- . with heat produced wholly or partly by a radiant body, e.g. by a perforated plate ([F24C 3/14](#) takes precedence)

F24C 3/042

- .. {Stoves}

F24C 3/045

- ... {of the closed type}

F24C 3/047

- .. {Ranges}

F24C 3/06

- .. without any visible flame

- F24C 3/062 . . . {stoves}
- F24C 3/065 . . . {of the closed type}
- F24C 3/067 . . . {Ranges}

- F24C 3/08 . Arrangement or mounting of burners (burners per se [F23D](#))
- F24C 3/082 . . {on stoves}
- F24C 3/085 . . {on ranges}
- F24C 3/087 . . . {in baking ovens}

- F24C 3/10 . Arrangement or mounting of ignition devices (ignition devices per se [F23Q](#))
- F24C 3/103 . . {of electric ignition devices}
- F24C 3/106 . . {of flash tubes}

- F24C 3/12 . Arrangement for mounting of control and safety devices (control valves [F16K](#); safety devices for burners [F23D](#); regulating or controlling combustion [F23N](#))
- F24C 3/122 . . { on stoves}
- F24C 3/124 . . {Control panels}
- F24C 3/126 . . {on ranges}
- F24C 3/128 . . . {in baking ovens}

- F24C 3/14 . with special adaptation for travelling e.g. collapsible

- F24C 5/00** **Stoves and ranges for liquid fuels**

- F24C 5/02 . with evaporation burners, e.g. dish type ([F24C 5/20](#) takes precedence)
- F24C 5/04 . . wick type
- F24C 5/06 . . . adjustable
- F24C 5/08 . . with heat produced wholly or partly by a radiant body

- F24C 5/10 . with atomising burners ([F24C 5/20](#) takes precedence)

- F24C 5/12 . Arrangement or mounting of burners (burners per se [F23D](#))

- F24C 5/14 . Arrangement or mounting of ignition devices (ignition devices per se [F23Q](#))

- F24C 5/16 . Arrangement and mounting of control and safety devices (control valves [F16K](#); safety devices for burners [F23D](#); regulating or controlling combustion [F23N](#))

- F24C 5/18 . Liquid-fuel supply arrangements forming parts of stoves or ranges (feeding liquid fuel to combustion apparatus in general [F23K](#))

- F24C 5/20 . with special adaptation for travelling, e.g. collapsible

- F24C 7/00** **Stoves or ranges heated by electrical energy** (electric heating elements or arrangements [H05B](#))

- F24C 7/002 . {Stoves ([F24C 7/02](#) to [F24C 7/10](#) take precedence)}
- F24C 7/004 .. {simulating flames}
- F24C 7/006 . {using electrically heated liquids}
- F24C 7/008 .. {using electrode heaters}
- F24C 7/02 . using microwaves ([heating using microwaves in general H05B 6/64](#))
- F24C 7/04 . with heat radiated directly from the heating element ([F24C 7/10](#) takes precedence)
- F24C 7/043 .. {Stoves}
- F24C 7/046 .. { Ranges}

WARNING

Group [F24C 7/046](#) is not complete, pending reorganisation. See also [F24C 7/04](#)

- F24C 7/06 . Arrangement or mounting of electric heating elements
- F24C 7/062 .. {on stoves}
- F24C 7/065 ... {with reflectors ([reflectors per se F24C 15/22](#))}
- F24C 7/067 .. { on ranges}

WARNING

Group [F24C 7/067](#) is not complete, pending reorganisation. See also [F24C 7/06](#)

- F24C 7/08 . Arrangement or mounting of control or safety devices ([switches H01H](#); [circuit arrangements for electric heating H05B](#))
- F24C 7/081 .. {on stoves}
- F24C 7/082 .. { on ranges, e.g. control panels, illumination}
- F24C 7/083 ... { on tops, hot plates}

WARNING

Groups [F24C 7/083](#), [F24C 7/085](#), [F24C 7/086](#) are not complete, pending reclassification. See also **[F24C 7/08B](#)**

- F24C 7/085 ... { on baking ovens}
- F24C 7/086 ... { touch control}
- F24C 7/087 .. {of electric circuits regulating heat}
- F24C 7/088 ... {on stoves}
- F24C 7/10 . with special adaptation for travelling, e.g. collapsible
- F24C 7/105 .. {Stoves}

F24C 9/00	Stoves or ranges heated by a single type of energy supply not covered by groups F24C 3/00 to F24C 7/00 or F24B (using the heat from an exothermal reaction not involving a supply of free oxygen gas, {using special gaseous fuel e.g. acetylene, hydrogen,} using solar energy F24J)
F24C 11/00	Combinations of two or more stoves or ranges, e.g. each having a different kind of energy supply
F24C 13/00	Stoves or ranges with additional provisions for heating water (mounting arrangements of water heaters or water-heating elements F24H 1/00)
F24C 14/00	Stoves or ranges having self-cleaning provisions, e.g. continuous or catalytic cleaning, electrostatic cleaning
F24C 14/005	. { using a cleaning liquid}
F24C 14/02	. pyrolytic type
F24C 14/025	.. {for gaseous fuels}
F24C 15/00	Details
F24C 15/001	. {arrangements for discharging combustion gases}
F24C 15/002	.. {for stoves of the closed type}
F24C 15/003	. {moisturising of air}
F24C 15/004	. {Windows not in a door}
F24C 15/005	. {Coatings for ovens}
F24C 15/006	. { Arrangements for circulation of cooling air}
F24C 15/007	. {Removable panels}
F24C 15/008	. {Illumination for oven cavities}
F24C 15/02	. Doors specially adapted for stoves or ranges (in general E06B ; for combustion chambers F23M)
F24C 15/021	.. {sealings for doors or transparent panels (sealings for wings in general E06B 7/16)}
F24C 15/022	.. {Latches (in general E05C)}
F24C 15/023	... {Mounting of doors, e.g. hinges, counterbalancing (in general E05D , E05F)}
F24C 15/024	... {Handles (in general E05B)}
F24C 15/025	.. { with air curtain closures}

WARNING

Groups **F24C 15/02D**-[F24C 15/028](#) are not complete, pending reclassification. See also [F24C 15/02](#)

- [F24C 15/026](#) .. { stowing of door in open position}
- [F24C 15/027](#) .. { located at bottom side of housing}
- [F24C 15/028](#) .. { Stoves doors}
- [F24C 15/04](#) .. with transparent panels
- [F24C 15/045](#) ... { being dismountable, e.g. giving access for cleaning}
- [F24C 15/06](#) . Ornamental features, e.g. grate front, surround
- [F24C 15/08](#) . Foundations or supports plates; legs or pillars; Casings; Wheels ([F24C 15/10](#) takes precedence)
- [F24C 15/083](#) .. { Anti-tip arrangements}

WARNING

Groups **F24C 15/08A**-[F24C 15/086](#) are not complete, pending reclassification. See also [F24C 15/08](#)

- [F24C 15/086](#) .. { Adjustable legs or pillars}
- [F24C 15/10](#) . Tops, e.g. hot plate; Rings ([F24C 15/12](#), [F24C 15/14](#) take precedence)
- [F24C 15/101](#) .. {provisions for circulation of air}
- [F24C 15/102](#) .. {electrically heated}
- [F24C 15/103](#) ... { being movable or rotatable}
- [F24C 15/104](#) ... {Arrangements of connectors, grounding, supply wires}
- [F24C 15/105](#) ... { Constructive details concerning the regulation of the temperature }
- [F24C 15/106](#) ... {electric circuits}
- [F24C 15/107](#) .. { Pan supports or grates therefor}
- [F24C 15/108](#) .. { Mounting of hot plate on worktop}

WARNING

Group [F24C 15/108](#) is not complete, pending reclassification. See also [F24C 15/10](#)

- [F24C 15/12](#) . Side rests; Side plates; Cover lids; Splash guards; Racks outside ovens, e.g. for drying plates
- [F24C 15/14](#) . Spillage trays or grooves
- [F24C 15/16](#) . Shelves, racks, { *roisserie spits*,} or trays inside ovens; Supports therefor
- [F24C 15/162](#) .. {Co-operating with a door, e.g. operated by the door}
- [F24C 15/164](#) .. { *Rotisserie spits* inside ovens}
- [F24C 15/166](#) .. { with integrated heating means}

- F24C 15/168 . . { with telescopic rail systems}
 - F24C 15/18 . Arrangement of compartments additional to cooking compartments, e.g. for warming, for storing utensils or fuel containers; Arrangements of additional heating or cooking apparatus, e.g. grills {additional cooking arrangements on stoves}
 - F24C 15/20 . Removing cooking fumes (parts, details or accessories of cooking-vessels for withdrawing or condensing cooking vapours from such vessels [A47J 36/38](#))
 - F24C 15/2007 . . { from oven cavities}
- WARNING**
- Groups **F24C 15/20A**, [F24C 15/2014](#), **F24C 15/20C**-[F24C 15/2092](#) are not complete, pending reclassification. See also [F24C 15/20](#)
- F24C 15/2014 . . . { with means for oxidation of cooking fumes}
 - F24C 15/2021 . . { Arrangement or mounting of control or safety systems}
 - F24C 15/2028 . . { using an air curtain}
 - F24C 15/2035 . . { Arrangement or mounting of filters ([F24C 15/2021](#) takes precedence; filters per se [B01D 46/00](#))}
 - F24C 15/2042 . . { Devices for removing cooking fumes structurally associated with a cooking range ([F24C 15/2007](#) takes precedence)}
 - F24C 15/205 . . . {with means for oxidation of cooking fumes}
 - F24C 15/2057 . . { using a cleaning liquid}
 - F24C 15/2064 . . { illumination for cooking hood}
 - F24C 15/2071 . . { mounting of cooking hood}
 - F24C 15/2078 . . { movable}
 - F24C 15/2085 . . . { adjustable in height}
 - F24C 15/2092 . . . { extendable or pivotable}
 - F24C 15/22 . Reflectors for radiation heaters
 - F24C 15/24 . Radiant bodies or panels for radiation heaters (gas burners for producing infra-red radiation [F23D 14/12](#))
 - F24C 15/26 . Handles for carrying
 - F24C 15/28 . Draught shields
 - F24C 15/30 . Arrangements for mounting stoves or ranges in particular locations
 - F24C 15/32 . Arrangements of ducts for hot gases, e.g. in or around baking ovens
 - F24C 15/322 . . {with forced circulation}
 - F24C 15/325 . . . {electrically-heated}
 - F24C 15/327 . . . {with air moisturising}
 - F24C 15/34 . Elements and arrangements for heat storage or insulation

F24C 15/36

- Protective guards, e.g. for preventing access to heated parts