

**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](#) }

<b>F24C 9/00</b>	<b>Stoves or ranges heated by a single type of energy supply not covered by groups <a href="#">F24C 3/00</a> to <a href="#">F24C 7/00</a> or <a href="#">F24B</a> (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 <a href="#">F24J</a>)</b>
<b>F24C 11/00</b>	<b>Combinations of two or more stoves or ranges, e.g. each having a different kind of energy supply</b>
<b>F24C 13/00</b>	<b>Stoves or ranges with additional provisions for heating water (mounting arrangements of water heaters or water-heating elements <a href="#">F24H 1/00</a>)</b>
<b>F24C 14/00</b>	<b>Stoves or ranges having self-cleaning provisions, e.g. continuous or catalytic cleaning, electrostatic cleaning</b>
F24C 14/005	. { using a cleaning liquid }
F24C 14/02	. pyrolytic type
F24C 14/025	.. { for gaseous fuels }
<b>F24C 15/00</b>	<b>Details</b>
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 <a href="#">E06B</a> ; for combustion chambers <a href="#">F23M</a> )
F24C 15/021	.. { sealings for doors or transparent panels (sealings for wings in general <a href="#">E06B 7/16</a> )} }
F24C 15/022	.. { Latches (in general <a href="#">E05C</a> )} }
F24C 15/023	... { Mounting of doors, e.g. hinges, counterbalancing (in general <a href="#">E05D</a> , <a href="#">E05F</a> )} }
F24C 15/024	... { Handles (in general <a href="#">E05B</a> )} }

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