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

7/00 Stoves or ranges heated by electrical energy
(electric heating elements or arrangements H05B)
7/002 . [Stoves (F24C 7/02 - F24C 7/10 take precedence)]
7/004 . . [simulating flames]
7/006 . . [using electrically heated liquids]
7/008 . . [using electrode heaters]
7/012 . . [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)
7/043 . . [Stoves]
7/046 . . [Ranges]

**WARNING**
Group F24C 7/046 is not complete, pending reorganisation. See also F24C 7/04

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

**WARNING**
Group F24C 7/067 is not complete, pending reorganisation. See also F24C 7/06

7/08 . Arrangement or mounting of control or safety devices (switches H01H; circuit arrangements for electric heating H05B)
7/081 . . [on stoves]
7/082 . . . [on ranges, e.g. control panels, illumination]
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 7/082

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

9/00 Stoves or ranges heated by a single type of energy supply not covered by groups F24C 3000 - 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 F24S 20/30; using the heat from an exothermal reaction not involving a supply of free oxygen gas F24V 30/00)

11/00 Combinations of two or more stoves or ranges, e.g. each having a different kind of energy supply

13/00 Stoves or ranges with additional provisions for heating water (mounting arrangements of water heaters or water-heating elements F24H 1/00)

14/00 Stoves or ranges having self-cleaning provisions, e.g. continuous or catalytic cleaning, electrostatic cleaning
14/005 . . [using a cleaning liquid]
14/002 . . pyrolytic type
14/0025 . . . [for gaseous fuels]

15/00 Details
15/001 . . [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]
15/012 . . . [for the heating of foodstuffs]
15/021 . . . . [sealings for doors or transparent panels (sealings for windows in general E06B 7/16)]
15/022 . . . [ Handles (in general E05B 15/05) ]
15/023 . . . . [Mounting of doors, e.g. hinges, counterbalancing (in general E05D 3/01, E05F 15/05) ]
15/024 . . . . [Handles (in general E05B 15/05) ]
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 . . . [transparent panels]
15/045 . . . . [being dismountable, e.g. giving access for cleaning]
15/06 . . . [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 heating or cooking apparatus, e.g. grills [additional cooking arrangements on stoves]}

CPC - 2020.02

2
Removing cooking fumes (parts, details or accessories of cooking-vessels for withdrawing or condensing cooking vapours from such vessels) (A47J 36/38)

(from oven cavities)

{with means for oxidation of cooking fumes}

{Arrangement or mounting of control or safety systems}

{using an air curtain}

{Arrangement or mounting of filters (F24C 15/2021 takes precedence; filters per se B01D 46/00)}

{Devices for removing cooking fumes structurally associated with a cooking range (F24C 15/2007 takes precedence)}

{with means for oxidation of cooking fumes}

{using a cleaning liquid}

{illumination for cooking hood}

{mounting of cooking hood}

{movable}

{adjustable in height}

{extendable or pivotable}

Reflectors for radiation heaters

Radiant bodies or panels for radiation heaters (gas burners for producing infra-red radiation (F23D 14/12)

Handles for carrying

Draught shields

Arrangements for mounting stoves or ranges in particular locations

Arrangements of ducts for hot gases, e.g. in or around baking ovens

{with forced circulation}

{electrically-heated}

{with air moisturising}

Elements and arrangements for heat storage or insulation

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