SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

F24 HEATING; RANGES; VENTILATING

F24B DOMESTIC STOVES OR RANGES FOR SOLID FUELS; IMPLEMENTS FOR USE IN CONNECTION WITH STOVES OR RANGES [6]

1/00 Stoves or ranges [1, 2006.01]
1/02 • Closed stoves **[1, 2006.01]**
1/04 • • built-up from glazed tiles (F24B 1/08, F24B 1/16 take precedence) **[1, 2006.01]**
1/06 • • • Construction of tiles or bracing means therefor, e.g. shim liner (forming of tiles B28B; glazing of tiles C04B) **[1, 2006.01]**
1/08 • • with fuel storage in a single undivided hopper within stove or range **[1, 2006.01]**
1/10 • • • with combustion in horizontal direction (F24B 1/14 takes precedence) **[1, 2006.01]**
1/14 • • • with predistillation in the hopper **[1, 2006.01]**
1/16 • • with fuel storage in multiple or divided hoppers within the stove or range **[1, 2006.01]**
1/18 • Stoves with open fires, e.g. fireplaces **[1, 2006.01]**
1/181 • • Free-standing fireplaces, e.g. for mobile homes **[4, 2006.01]**
1/182 • • with additional provisions for cooking (other stoves with additional provisions for cooking F24B 1/26) **[4, 2006.01]**
1/183 • • with additional provisions for heating water **[4, 2006.01]**
1/185 • • with air-handling means, heat exchange means, or additional provisions for convection heating (F24B 1/183 takes precedence; component parts or accessories having air-handling means, heat exchange means, or additional provisions for convection heating F24B 1/191); Regulating combustion; Controls therefor **[4, 2006.01]**
1/187 • • • Condition responsive controls for regulating combustion (valves or dampers for air supply F23L) **[4, 2006.01]**
1/188 • • • characterised by use of heat exchange means (F24B 1/187 takes precedence) **[4, 2006.01]**
1/189 • • • characterised by air-handling means, i.e. of combustion-air, heated-air, or flue-gases, e.g. draught control dampers (F24B 1/187, F24B 1/188 take precedence) **[4, 2006.01]**
1/19 • • • • Supplying combustion-air **[4, 2006.01]**
1/191 • • Component parts; Accessories **[4, 2006.01]**
1/192 • • • Doors; Screens; Fuel guards **[4, 2006.01]**
1/193 • • • Grates; Irons **[4, 2006.01]**
1/195 • • • Fireboxes; Frames; Hoods; Heat reflectors **[4, 2006.01]**
1/197 • • • Hearths **[4, 2006.01]**
1/198 • • • Surrounds-fronts **[4, 2006.01]**
1/199 • • • Fuel-handling equipment **[4, 2006.01]**
1/20 • Ranges **[1, 2006.01]**
1/22 • • in which the baking oven is arranged above the fire-box **[1, 2006.01]**
1/24 • • with built-in masses for heat storage or heat insulation **[1, 2006.01]**
1/26 • Stoves with additional provisions for cooking (stoves with open-fires with additional provisions for cooking F24B 1/182) **[1, 4, 2006.01]**
1/28 • Combined installations of stoves or ranges, e.g. back-to-back stoves with a common fire-box **[1, 2006.01]**

3/00 Heaters not covered by group F24B 1/00, e.g. charcoal brazier (for cooking A47J 27/00-A47J 37/00) **[1, 2006.01]**

5/00 Combustion-air or flue-gas circulation in or around stoves or ranges (stoves with open fires with air-handling means F24B 1/185) **[1, 4, 2006.01]**
5/02 • in or around stoves **[1, 2006.01]**
5/04 • • the air or gas passing downwards through the bottom of the stove or fire grate **[1, 2006.01]**
5/06 • in or around ranges **[1, 2006.01]**
5/08 • • around the baking oven **[1, 2006.01]**

7/00 Stoves, ranges, or flue-gas ducts, with additional provisions for convection heating (stoves with open fires characterised by use of heat exchange means F24B 1/185; air heaters having heat generating means F24H 3/00) **[1, 4, 2006.01]**
7/02 • with external air ducts **[1, 2006.01]**
7/04 • with internal air ducts **[1, 2006.01]**
7/06 • without air ducts **[1, 2006.01]**

9/00 Stoves, ranges, or flue-gas ducts, with additional provisions for heating water (F24B 1/182, F24B 1/183 take precedence) **[1, 3, 4, 2006.01]**
9/02 • in open containers, e.g. bain-marie **[1, 2006.01]**
9/04 • in closed containers **[1, 4, 2006.01]**

13/00 Details solely applicable to stoves or ranges burning solid fuels (component parts or accessories for stoves with open-fires F24B 1/191; removing ash, clinker or slag from combustion chambers F23J 1/00; removing solid residues from passages or chambers beyond the fire F23J 3/00; joints or connections for chimneys or flues F23J 13/04; mouths or inlet holes for chimneys or flues F23J 13/06; means for supervising combustion F23M 11/04) **[1, 4, 2006.01]**
13/02 • Arrangement or mounting of fire-grate assemblies (grates F23H); Arrangement or mounting of linings for fire-boxes, e.g. fire-back (ceramic materials C04B 33/00, C04B 35/00; casings, linings, walls for combustion chambers F23M) **[1, 2006.01]**

13/04 • Arrangements for feeding solid fuel, e.g. hoppers (feeding solid fuel to combustion apparatus in general F23K) **[1, 2006.01]**

15/00 Implements for use in connection with stoves or ranges (ash sieves B07B; firelighters C10L 11/00; removal of ashes F23J; other devices for igniting F23Q) **[6, 2006.01]**

15/02 • for breaking coal **[6, 2006.01]**
15/04 • Coal hods; Coal boxes **[6, 2006.01]**
15/06 • Shovels with ejectors **[6, 2006.01]**
15/08 • Shovels with sifters **[6, 2006.01]**
15/10 • Coal tongs **[6, 2006.01]**