

Symbol	Typ	Titel
F	Sektion	SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
F24	Klasse	HEATING; RANGES; VENTILATING (protecting plants by heating in gardens, orchards, or forests A01G 13/06; baking ovens and apparatus A21B; cooking devices other than ranges A47); forging B21J, B21K; specially adapted for vehicles, <u>see</u> the relevant subclasses of classes B60-B64; combustion apparatus in general F23; drying F26B; ovens in general F27; electric heating elements or arrangements H05B)
F24B	Unterklasse	DOMESTIC STOVES OR RANGES FOR SOLID FUELS; IMPLEMENTS FOR USE IN CONNECTION WITH STOVES OR RANGES [6]
F24B 1/00	Hauptgruppe	Stoves or ranges
F24B 1/02	1-Punkt Untergruppe	. Closed stoves
F24B 1/04	2-Punkt Untergruppe	. . built-up from glazed tiles (F24B 1/08, F24B 1/16 take precedence)
F24B 1/06	3-Punkt Untergruppe	. . . Construction of tiles or bracing means therefor, e.g. shim liner (forming of tiles B28B; glazing of tiles C04B)
F24B 1/08	2-Punkt Untergruppe	. . with fuel storage in a single undivided hopper within stove or range
F24B 1/10	3-Punkt Untergruppe	. . . with combustion in horizontal direction (F24B 1/14 takes precedence)
F24B 1/14	3-Punkt Untergruppe	. . . with predistillation in the hopper
F24B 1/16	2-Punkt Untergruppe	. . with fuel storage in multiple or divided hoppers within the stove or range
F24B 1/18	1-Punkt Untergruppe	. Stoves with open fires, e.g. fireplaces
F24B 1/181	2-Punkt Untergruppe	. . Free-standing fireplaces, e.g. for mobile homes [4]
F24B 1/182	2-Punkt Untergruppe	. . with additional provisions for cooking (other stoves with additional provisions for cooking F24B 1/26) [4]
F24B 1/183	2-Punkt Untergruppe	. . with additional provisions for heating water [4]
F24B 1/185	2-Punkt Untergruppe	. . 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]
F24B 1/187	3-Punkt Untergruppe	. . . Condition responsive controls for regulating combustion (valves or dampers for air supply F23L) [4]
F24B 1/188	3-Punkt Untergruppe	. . . characterised by use of heat exchange means (F24B 1/187 takes precedence) [4]
F24B 1/189	3-Punkt Untergruppe	. . . 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]
F24B 1/19	4-Punkt Untergruppe Supplying combustion-air [4]
F24B 1/191	2-Punkt Untergruppe	. . Component parts; Accessories [4]
F24B 1/192	3-Punkt Untergruppe	. . . Doors; Screens; Fuel guards [4]
F24B 1/193	3-Punkt Untergruppe	. . . Grates; Irons [4]
F24B 1/195	3-Punkt Untergruppe	. . . Fireboxes; Frames; Hoods; Heat reflectors [4]
F24B 1/197	3-Punkt Untergruppe	. . . Hearths [4]

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F24B 1/198	3-Punkt Untergruppe	. . . Surrounds-fronts [4]
F24B 1/199	3-Punkt Untergruppe	. . . Fuel-handling equipment [4]
F24B 1/20	1-Punkt Untergruppe	. Ranges
F24B 1/22	2-Punkt Untergruppe	. . in which the baking oven is arranged above the fire-box
F24B 1/24	2-Punkt Untergruppe	. . with built-in masses for heat storage or heat insulation
F24B 1/26	1-Punkt Untergruppe	. Stoves with additional provisions for cooking (stoves with open-fires with additional provisions for cooking F24B 1/182) [4]
F24B 1/28	1-Punkt Untergruppe	. Combined installations of stoves or ranges, e.g. back-to-back stoves with a common fire-box
F24B 3/00	Hauptgruppe	Heaters not covered by group F24B 1/00, e.g. charcoal brazier (for cooking A47) 27/00-A47) 37/00)
F24B 5/00	Hauptgruppe	Combustion-air or flue-gas circulation in or around stoves or ranges (stoves with open fires with air-handling means F24B 1/185) [4]
F24B 5/02	1-Punkt Untergruppe	. in or around stoves
F24B 5/04	2-Punkt Untergruppe	. . the air or gas passing downwards through the bottom of the stove or fire grate
F24B 5/06	1-Punkt Untergruppe	. in or around ranges
F24B 5/08	2-Punkt Untergruppe	. . around the baking oven
F24B 7/00	Hauptgruppe	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) [4]
F24B 7/02	1-Punkt Untergruppe	. with external air ducts
F24B 7/04	1-Punkt Untergruppe	. with internal air ducts
F24B 7/06	1-Punkt Untergruppe	. without air ducts
F24B 9/00	Hauptgruppe	Stoves, ranges, or flue-gas ducts, with additional provisions for heating water (F24B 1/182, F24B 1/183 take precedence) [3, 4]
F24B 9/02	1-Punkt Untergruppe	. in open containers, e.g. bain-marie
F24B 9/04	1-Punkt Untergruppe	. in closed containers [4]
F24B 13/00	Hauptgruppe	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) [4]
F24B 13/02	1-Punkt Untergruppe	. 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)
F24B 13/04	1-Punkt Untergruppe	. Arrangements for feeding solid fuel, e.g. hoppers (feeding solid fuel to combustion apparatus in general F23K)
F24B 15/00	Hauptgruppe	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]
F24B 15/02	1-Punkt Untergruppe	. for breaking coal [6]
F24B 15/04	1-Punkt Untergruppe	. Coal hods; Coal boxes [6]
F24B 15/06	1-Punkt Untergruppe	. Shovels with ejectors [6]
F24B 15/08	1-Punkt Untergruppe	. Shovels with sifters [6]

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F24B 15/10	1-Punkt Untergruppe	. Coal tongs [6]