

Symbol	Typ	Titel
F	Sektion	SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
F25	Klasse	REFRIGERATION OR COOLING; COMBINED HEATING AND REFRIGERATION SYSTEMS; HEAT PUMP SYSTEMS; MANUFACTURE OR STORAGE OF ICE; LIQUEFACTION OR SOLIDIFICATION OF GASES
F25D	Unterklasse	REFRIGERATORS; COLD ROOMS; ICE-BOXES; COOLING OR FREEZING APPARATUS NOT COVERED BY ANY OTHER SUBCLASS (refrigerated showcases A47F 3/04; thermally-insulated vessels for domestic use A47J 41/00; refrigerated vehicles, <u>see</u> the appropriate subclasses of classes B60-B64; containers with thermal insulation in general B65D 81/38; heat-transfer, heat-exchange or heat-storage materials, e.g. refrigerants, or materials for the production of heat or cold by chemical reactions other than by combustion C09K 5/00; thermally-insulated vessels for liquefied or solidified gases F17C; air-conditioning or air-humidification F24F; refrigeration machines, plants, or systems F25B; cooling of instruments or comparable apparatus without refrigeration G12B; cooling of engines or pumps, <u>see</u> the relevant classes)
F25D 1/00	Hauptgruppe	Devices using naturally-cold air or water
F25D 1/02	1-Punkt Untergruppe	. using naturally-cold water, e.g. household-tap water
F25D 3/00	Hauptgruppe	Devices using other cold materials; Devices using cold-storage bodies
F25D 3/02	1-Punkt Untergruppe	. using ice, e.g. ice-boxes
F25D 3/04	2-Punkt Untergruppe	. . Stationary cabinets
F25D 3/06	2-Punkt Untergruppe	. . Movable containers
F25D 3/08	3-Punkt Untergruppe	. . . portable, i.e. adapted to be carried personally
F25D 3/10	1-Punkt Untergruppe	. using liquefied gases, e.g. liquid air
F25D 3/11	2-Punkt Untergruppe	. . with conveyers carrying articles to be cooled through the cooling space [4]
F25D 3/12	1-Punkt Untergruppe	. using solidified gases, e.g. carbon-dioxide snow
F25D 3/14	2-Punkt Untergruppe	. . portable, i.e. adapted to be carried personally
F25D 5/00	Hauptgruppe	Devices using endothermic chemical reactions, e.g. using frigorific mixtures
F25D 5/02	1-Punkt Untergruppe	. portable, i.e. adapted to be carried personally
F25D 7/00	Hauptgruppe	Devices using evaporation effects without recovery of the vapour (butter or cheese dishes with cooling devices A47G 19/26)
F25D 9/00	Hauptgruppe	Devices not covered by groups F25D 1/00-F25D 7/00; Combinations of devices covered by two or more of the groups F25D 1/00-F25D 7/00
		<u>Devices associated with refrigerating machinery</u>
F25D 11/00	Hauptgruppe	Self-contained movable devices, e.g. domestic refrigerator
F25D 11/02	1-Punkt Untergruppe	. with cooling compartments at different temperatures
F25D 11/04	1-Punkt Untergruppe	. specially adapted for storing deep-frozen articles (F25D 11/02 takes precedence)
F25D 13/00	Hauptgruppe	Stationary devices, e.g. cold rooms
F25D 13/02	1-Punkt Untergruppe	. with several cooling compartments, e.g. refrigerated locker systems
F25D 13/04	2-Punkt Untergruppe	. . the compartments being at different temperatures

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F25D 13/06	1-Punkt Untergruppe	. with conveyers carrying articles to be cooled through the cooling space
F25D 15/00	Hauptgruppe	Devices not covered by group F25D 11/00 or F25D 13/00, e.g. non-self-contained movable devices
F25D 16/00	Hauptgruppe	Devices using a combination of a cooling mode associated with refrigerating machinery with a cooling mode not associated with refrigerating machinery [5] <u>Details or features of the devices covered by groups F25D 1/00-F25D 16/00 [5]</u>
F25D 17/00	Hauptgruppe	Arrangements for circulating cooling fluids; Arrangements for circulating gas, e.g. air, within refrigerated spaces [3]
F25D 17/02	1-Punkt Untergruppe	. for circulating liquids, e.g. brine
F25D 17/04	1-Punkt Untergruppe	. for circulating gas, e.g. by natural convection [3]
F25D 17/06	2-Punkt Untergruppe	. . by forced circulation
F25D 17/08	3-Punkt Untergruppe	. . . using ducts
F25D 19/00	Hauptgruppe	Arrangement or mounting of refrigeration units with respect to devices
F25D 19/02	1-Punkt Untergruppe	. plug-in type
F25D 19/04	1-Punkt Untergruppe	. with more than one refrigeration unit
F25D 21/00	Hauptgruppe	Defrosting; Preventing frosting; Removing condensed or defrost water (removing ice or water from heat-exchange apparatus in general F28F 17/00; heating arrangements specially adapted for transparent or reflecting areas H05B 3/84)
F25D 21/02	1-Punkt Untergruppe	. Detecting the presence of frost or condensate
F25D 21/04	1-Punkt Untergruppe	. Preventing the formation of frost or condensate
F25D 21/06	1-Punkt Untergruppe	. Removing frost (defrosting cycles F25B 47/02)
F25D 21/08	2-Punkt Untergruppe	. . by electric heating
F25D 21/10	2-Punkt Untergruppe	. . by spraying with fluid
F25D 21/12	2-Punkt Untergruppe	. . by hot-fluid circulating system separate from the refrigerant system
F25D 21/14	1-Punkt Untergruppe	. Collecting or removing condensed and defrost water; Drip trays
F25D 23/00	Hauptgruppe	General constructional features (F25D 21/00 takes precedence)
F25D 23/02	1-Punkt Untergruppe	. Doors; Covers (F25D 23/08 takes precedence)
F25D 23/04	2-Punkt Untergruppe	. . with special compartments, e.g. butter conditioners
F25D 23/06	1-Punkt Untergruppe	. Walls (F25D 23/08 takes precedence; containers with thermal insulation B65D 81/38) [4]
F25D 23/08	1-Punkt Untergruppe	. Parts formed wholly or mainly of plastics materials
F25D 23/10	1-Punkt Untergruppe	. Arrangements for mounting in particular locations, e.g. for built-in type, for corner type
F25D 23/12	1-Punkt Untergruppe	. Arrangements of compartments additional to cooling compartments; Combinations of refrigerators with other equipment, e.g. stove
F25D 25/00	Hauptgruppe	Charging, supporting, or discharging the articles to be cooled
F25D 25/02	1-Punkt Untergruppe	. by shelves
F25D 25/04	1-Punkt Untergruppe	. by conveyers (in general B65G)
F25D 27/00	Hauptgruppe	Lighting arrangements (in general F21)
F25D 29/00	Hauptgruppe	Arrangement or mounting of control or safety devices
F25D 31/00	Hauptgruppe	Other cooling or freezing apparatus