

Symbol	Typ	Titel
F	Sektion	SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
F17	Klasse	STORING OR DISTRIBUTING GASES OR LIQUIDS (water supply E03B)
F17C	Unterklasse	VESSELS FOR CONTAINING OR STORING COMPRESSED, LIQUEFIED, OR SOLIDIFIED GASES; FIXED-CAPACITY GAS-HOLDERS; FILLING VESSELS WITH, OR DISCHARGING FROM VESSELS, COMPRESSED, LIQUEFIED, OR SOLIDIFIED GASES (storing fluids in natural or artificial cavities or chambers in the earth B65G 5/00; construction or assembling of bulk storage containers employing civil-engineering techniques E04H 7/00; variable-capacity gas-holders F17B; liquefaction or refrigeration machines, plants, or systems F25)
F17C 1/00	Hauptgruppe	Pressure vessels, e.g. gas cylinder, gas tank, replaceable cartridge (pressurised apparatus for purposes other than storage, <u>see</u> the relevant subclasses such as A62C, B05B; associated with vehicles, <u>see</u> the appropriate subclass of classes B60-B64; pressure vessels in general F16J 12/00)
F17C 1/02	1-Punkt Untergruppe	. involving reinforcing arrangements [4]
F17C 1/04	2-Punkt Untergruppe	. . Protecting sheatings
F17C 1/06	3-Punkt Untergruppe	. . . built-up from wound-on bands or filamentary material, e.g. wires [4]
F17C 1/08	2-Punkt Untergruppe	. . Integral reinforcements, e.g. ribs
F17C 1/10	1-Punkt Untergruppe	. with provision for protection against corrosion, e.g. due to gaseous acid (inhibiting corrosion of metallic material or incrustation in general C23F) [4]
F17C 1/12	1-Punkt Untergruppe	. with provision for thermal insulation (thermal insulation in general F16L 59/00) [4]
F17C 1/14	1-Punkt Untergruppe	. constructed of aluminium; constructed of non-magnetic steel
F17C 1/16	1-Punkt Untergruppe	. constructed of plastics materials
F17C 3/00	Hauptgruppe	Vessels not under pressure
F17C 3/02	1-Punkt Untergruppe	. with provision for thermal insulation (thermal insulation in general F16L 59/00)
F17C 3/04	2-Punkt Untergruppe	. . by insulating layers (F17C 3/08 takes precedence)
F17C 3/06	3-Punkt Untergruppe	. . . on the inner surface, i.e. in contact with the stored fluid [4]
F17C 3/08	2-Punkt Untergruppe	. . by vacuum spaces, e.g. Dewar flask (for household use A47J 41/02)
F17C 3/10	2-Punkt Untergruppe	. . by liquid-circulating or vapour-circulating jackets
F17C 3/12	1-Punkt Untergruppe	. with provision for protection against corrosion, e.g. due to gaseous acid (protection against corrosion in general C23F)
F17C 5/00	Hauptgruppe	Methods or apparatus for filling pressure vessels with liquefied, solidified, or compressed gases (adding propellants to aerosol containers B65B 31/00)
F17C 5/02	1-Punkt Untergruppe	. for filling with liquefied gases
F17C 5/04	2-Punkt Untergruppe	. . requiring the use of refrigeration, e.g. filling with helium or hydrogen
F17C 5/06	1-Punkt Untergruppe	. for filling with compressed gases
F17C 6/00	Hauptgruppe	Methods or apparatus for filling vessels not under pressure with liquefied or solidified gases [3]
F17C 7/00	Hauptgruppe	Methods or apparatus for discharging liquefied, solidified, or compressed gases from pressure vessels, not covered by another subclass
F17C 7/02	1-Punkt Untergruppe	. Discharging liquefied gases

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F17C 7/04	2-Punkt Untergruppe	. . with change of state, e.g. vaporisation [3]
F17C 9/00	Hauptgruppe	Methods or apparatus for discharging liquefied or solidified gases from vessels not under pressure
F17C 9/02	1-Punkt Untergruppe	. with change of state, e.g. vaporisation
F17C 9/04	2-Punkt Untergruppe	. . Recovery of thermal energy [3]
F17C 11/00	Hauptgruppe	Use of gas-solvents or gas-sorbents in vessels
F17C 13/00	Hauptgruppe	Details of vessels or of the filling or discharging of vessels
F17C 13/02	1-Punkt Untergruppe	. Special adaptations of indicating, measuring, or monitoring equipment (measuring in general G01)
F17C 13/04	1-Punkt Untergruppe	. Arrangement or mounting of valves (valves <u>per se</u> F16K)
F17C 13/06	1-Punkt Untergruppe	. Closures, e.g. cap, breakable member (closures for containers in general B65D)
F17C 13/08	1-Punkt Untergruppe	. Mounting arrangements for vessels
F17C 13/10	1-Punkt Untergruppe	. Arrangements for preventing freezing
F17C 13/12	1-Punkt Untergruppe	. Arrangements or mounting of devices for preventing or minimising the effect of explosion (flame traps A62C 4/00)