CPC COOPERATIVE PATENT CLASSIFICATION

F MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
(NOTE omitted)

ENGINEERING IN GENERAL

F17 STORING OR DISTRIBUTING GASES OR LIQUIDS

F17B GAS-HOLDERS OF VARIABLE CAPACITY (self-acting gas cut-off devices A47J 27/62, G05D; flame traps A62C 4/00; gas mixers B01F, F16K 11/00, G05D 11/00; construction or assembling of bulk storage containers employing civil-engineering techniques E04H 7/00, gas compressors F04; valves F16K; damping pulsations in valves or pipes F16K, F16L; pipes F16L; stopping devices for gas mains F16L 55/10; vessels adapted for storing compressed, liquefied, or solidified gases F17C; gas distribution systems F17D 1/04; detecting leakage F17D 5/02, G01M; supervising or alarm devices F17D 5/02, G08B; control of combustion in burners F23N; gas flow or pressure regulators G05D)

> **WARNING**
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> 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	**Gas-holders of variable capacity** (large containers in general B65D 88/00; storing fluids in natural or artificial cavities or chambers in the earth B65G 5/00)
1/007	. with telescopically movable ring-shaped parts (F17B 1/10 takes precedence; sealing of rings F17B 1/04)
1/013	. with movables discs (F17B 1/10 takes precedence; sealing of discs F17B 1/04)
1/02	. Details
1/04	. . Sealing devices for sliding parts (in general F16J 15/00)
1/06	. . . using sealing liquids
1/08	. . . using resilient materials for packing, e.g. leather
1/10	. . Guiding moving parts
1/12	. . Gas admission or discharge arrangements
1/14	. . Safety devices, e.g. prevention of excess pressure
1/16	. of wet type
1/18	. . bell-shaped
1/20	. . telescopic
1/22	. . . spirally-guided
1/24	. of dry type
1/26	. . with flexible walls, e.g. bellows (connection of valves to inflatable elastic bodies B60C 29/00)