

**CPC****COOPERATIVE PATENT CLASSIFICATION****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](#))

**F17B 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](#))

**F17B 1/007**

- . with telescopically movable ring-shaped parts ([F17B 1/10](#) takes precedence; sealing of rings [F17B 1/04](#))

**F17B 1/013**

- . with movables discs ([F17B 1/10](#) takes precedence; sealing of discs [F17B 1/04](#))

**F17B 1/02**

- . Details

**F17B 1/04**

- .. Sealing devices for sliding parts (in general [F16J 15/00](#))

**F17B 1/06**

- ... using sealing liquids

**F17B 1/08**

- ... using resilient materials for packing, e.g. leather

**F17B 1/10**

- .. Guiding moving parts

**F17B 1/12**

- .. Gas admission or discharge arrangements

**F17B 1/14**

- .. Safety devices, e.g. prevention of excess pressure

**F17B 1/16**

- . of wet type

**F17B 1/18**

- .. bell-shaped

**F17B 1/20**

- .. telescopic

**F17B 1/22**

- ... spirally-guided

**F17B 1/24**

- . of dry type

**F17B 1/26**

- .. with flexible walls, e.g. bellows (connection of valves to inflatable elastic bodies [B60C 29/00](#))