

**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](#) )

**Guidance heading:**

- 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](#))