

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](#))