

Title (en)

GAS BOTTLE VALVE PROVIDED WITH A FLYWHEEL CONTROLLING A RESIDUAL-PRESSURE VALVE AND A STOP VALVE

Title (de)

GASFLASCHENVENTIL MIT EINEM SCHWUNGRAD ZUR STEUERUNG EINES RESTDRUCKVENTILS UND EINES SPERRVENTILS

Title (fr)

ROBINET POUR BOUTEILLE DE GAZ ÉQUIPÉ D'UN VOLANT COMMANDANT UN CLAPET DE PRESSION RÉSIDUELLE ET UN CLAPET DE FERMETURE

Publication

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Application

EP 12784029 A 20121114

Priority

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Abstract (en)

[origin: WO2013072372A1] The invention concerns a valve 2 for a pressurised gas bottle. Said valve comprises a body 4 with a gas inlet 7, a gas outlet (figures 1 and 2, reference 9) and a gas passage 10 connecting the inlet to the outlet. The valve 2 comprises a device for maintaining residual pressure 38 arranged on the gas passage 10. The valve further comprises a stop valve 14 for closing the gas passage 10, downstream from the device for maintaining residual pressure 38. A flywheel 8 for controlling the valve 2 acts on the stop valve 14 and on the device for maintaining residual pressure 38 via control rods 12 and 36, respectively. The flywheel comprises sliding tracks for the control rods. Said flywheel comprises a first position for filling the bottle wherein the device for maintaining residual pressure 38 is deactivated and the stop valve 14 is open, a second position for closing the bottle wherein the device for maintaining residual pressure 38 is activated and the stop valve is closed, and a third service position wherein the device for maintaining residual pressure 38 is activated and the stop valve 14 is open.

IPC 8 full level

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CPC (source: EP US)

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