

Title (en)

VALVE FOR A CYLINDER CONTAINING PRESSURIZED GAS

Title (de)

VENTIL FÜR EINEN ZYLINDER MIT DRUCKGAS

Title (fr)

CLAPET DESTINÉ À UN BOUTEILLE CONTENANT UN GAZ SOUS PRESSION

Publication

EP 3368812 B1 20191218 (EN)

Application

EP 16794542 A 20161026

Priority

- IT UB20155082 A 20151030
- EP 2016075760 W 20161026

Abstract (en)

[origin: WO2017072157A1] A cylinder (1) is described, consisting of a tank (10) containing pressurized gas, which is closed to pressure by means of an upper valve (2) which is adapted to pass from a closed position to an open position for releasing the gas by means of a shutter (3), said hollow body (20) of the upper valve (2) mounts a discharging valve (4) which consists of a hollow body (40) comprising a hollow discharging spout (45), an internal cavity (400) of the hollow body (40), and a lever (44) hinged at a fulcrum (F) with an upper portion (42) of the hollow body (40) of the discharging valve (4), said lever (44) of the discharging valve (4) presses the shutter (3) in a point at a distance (D) from the fulcrum (F), causing the shutter (3) to pass from the sealing position to the releasing position of the gas.

IPC 8 full level

F17C 1/00 (2006.01); **F17C 13/04** (2006.01)

CPC (source: EP)

F17C 1/00 (2013.01); **F17C 13/04** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0617** (2013.01); **F17C 2205/0329** (2013.01); **F17C 2205/0382** (2013.01); **F17C 2205/0394** (2013.01); **F17C 2209/2109** (2013.01); **F17C 2221/017** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/036** (2013.01); **F17C 2270/07** (2013.01); **F17C 2270/0772** (2013.01)

Cited by

NL2027812B1; WO2022200431A1; CN115405857A; WO2023164394A1

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