

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 A1 20180905 (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)

Citation (search report)

See references of WO 2017072157A1

Cited by

WO2022200431A1; NL2027812B1; CN115405857A; WO2023164394A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017072157 A1 20170504; EP 3368812 A1 20180905; EP 3368812 B1 20191218; IT UB20155082 A1 20170430

DOCDB simple family (application)

EP 2016075760 W 20161026; EP 16794542 A 20161026; IT UB20155082 A 20151030