

Title (en)
VALVE AND PRESSURIZED FLUID TANK

Title (de)
VENTIL UND DRUCKFLÜSSIGKEITSTANK

Title (fr)
ROBINET ET RÉSERVOIR DE FLUIDE SOUS PRESSION

Publication
EP 3280948 A1 20180214 (FR)

Application
EP 16720881 A 20160405

Priority
• FR 1552954 A 20150407
• FR 2016050771 W 20160405

Abstract (en)
[origin: WO2016162625A1] Valve comprising a withdrawing circuit (3) comprising an upstream first end (13) and a downstream second end (23), the withdrawing circuit (3) comprising a member (4) for regulating the flow rate and/or pressure of the fluid withdrawn, the valve (1) comprising a mobile member (5) for manually controlling the regulating member (4), the valve (1) comprising a device (9) for detecting the position of the control member (5) which is electrically powered by an electrical power supply (7), the detection device (9) comprising a single discrete magnetic element (12) that is mobile and secured to the control member (5), as well as a first sensor (15) and a second sensor (16) which sensors are fixedly mounted on the valve body, the first sensor (15) being a magnetic sensor electrically powered by the power supply (7), the second sensor (16) being configured to form, with the control member (5), a switch that interrupts the supply of electrical power from the electrical power supply (7) to the first sensor (15) when the control member (5) is in at least a first determined position and that allows the electrical power supply (7) to electrically power the first sensor (15) when the control member (12) is in at least a second determined position.

IPC 8 full level
F17C 13/04 (2006.01)

CPC (source: EP US)
F17C 13/04 (2013.01 - EP US); **F17C 2201/056** (2013.01 - EP US); **F17C 2201/058** (2013.01 - EP US); **F17C 2205/0329** (2013.01 - EP US); **F17C 2205/0338** (2013.01 - EP US); **F17C 2205/0382** (2013.01 - EP US); **F17C 2205/0394** (2013.01 - EP US); **F17C 2221/011** (2013.01 - EP US); **F17C 2250/032** (2013.01 - EP US); **F17C 2250/0478** (2013.01 - EP US); **F17C 2265/04** (2013.01 - EP US); **F17C 2270/025** (2013.01 - EP US)

Citation (search report)
See references of WO 2016162625A1

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 2016162625 A1 20161013; EP 3280948 A1 20180214; EP 3280948 B1 20190220; FR 3034837 A1 20161014; FR 3034837 B1 20170324; US 2018119887 A1 20180503

DOCDB simple family (application)
FR 2016050771 W 20160405; EP 16720881 A 20160405; FR 1552954 A 20150407; US 201615564811 A 20160405