

Title (en)

VALVE, CONTAINER FOR PRESSURISED FLUID AND FILLING AND EXTRACTION METHODS

Title (de)

HAHN, UNTER DRUCK STEHENDER FLUID-BEHÄLTER UND VERFAHREN ZUM FÜLLEN UND ENTNEHMEN

Title (fr)

ROBINET, RÉCIPIENT DE FLUIDE SOUS PRESSION ET PROCÉDÉS DE REMPLISSAGE ET DE SOUTIRAGE

Publication

EP 3708899 B1 20211117 (FR)

Application

EP 20160563 A 20200303

Priority

FR 1902484 A 20190312

Abstract (en)

[origin: US2020292135A1] Valve including a body delimiting an internal fluid withdrawal and possibly fluid filling circuit, the said internal circuit extending between an upstream end configured to be placed in communication with the storage volume of a tank and a downstream end configured to be connected to a user member withdrawing or distributing the pressurized fluid via the internal circuit, the valve (having, placed in series from upstream to downstream in the internal circuit between the upstream end and the downstream end: an upstream valve shutter, an isolation valve shutter and a dust valve shutter.

IPC 8 full level

F17C 13/04 (2006.01)

CPC (source: EP US)

F17C 5/00 (2013.01 - US); **F17C 7/00** (2013.01 - US); **F17C 13/04** (2013.01 - EP US); **F17C 2201/056** (2013.01 - EP); **F17C 2201/058** (2013.01 - EP); **F17C 2205/0323** (2013.01 - US); **F17C 2205/0326** (2013.01 - EP); **F17C 2205/0329** (2013.01 - EP); **F17C 2205/0335** (2013.01 - EP); **F17C 2205/0385** (2013.01 - EP); **F17C 2205/0394** (2013.01 - EP); **F17C 2221/011** (2013.01 - EP); **F17C 2223/0123** (2013.01 - EP); **F17C 2223/036** (2013.01 - EP); **F17C 2227/048** (2013.01 - EP); **F17C 2260/042** (2013.01 - EP)

Cited by

LU500234B1

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

DOCDB simple family (publication)

EP 3708899 A1 20200916; **EP 3708899 B1 20211117**; DK 3708899 T3 20220207; ES 2906179 T3 20220413; FR 3093781 A1 20200918; FR 3093781 B1 20210212; PT 3708899 T 20220202; US 11149906 B2 20211019; US 2020292135 A1 20200917

DOCDB simple family (application)

EP 20160563 A 20200303; DK 20160563 T 20200303; ES 20160563 T 20200303; FR 1902484 A 20190312; PT 20160563 T 20200303; US 202016816633 A 20200312