

Title (en)

CAP FOR PROTECTING A VALVE OF A CYLINDER OF PRESSURISED FLUID AND CYLINDER INCLUDING SUCH A CAP

Title (de)

KAPPE ZUM SCHUTZ EINES VENTILS EINES ZYLINDERS EINER UNTER DRUCK STEHENDEN FLÜSSIGKEIT UND ZYLINDER MIT SOLCH EINER KAPPE

Title (fr)

CHAPEAU DE PROTECTION DE ROBINET DE BOUTEILLE DE FLUIDE SOUS PRESSION ET BOUTEILLE COMPRENNANT UN TEL CHAPEAU

Publication

EP 3362734 A1 20180822 (FR)

Application

EP 16785255 A 20160929

Priority

- FR 1559790 A 20151015
- FR 2016052484 W 20160929

Abstract (en)

[origin: WO2017064387A1] The invention relates to a cap for protecting a valve of a cylinder of pressurised fluid which includes a rigid structure (2, 3) defining a protective space for a valve, said structure (2, 3) including a lower end (4) intended for being attached to the upper end of a cylinder of pressurised fluid, characterised in that the cap (1) comprises a first wall (2) forming a central tubular portion, said tubular portion extending between the lower end (4) and an open upper end (12) defining an opening (5) for accessing an inner space intended for containing a valve, the cap (1) also including a second wall (3) arranged concentrically with spacing around the first wall (2) and defining a protection area around the first wall (2).

IPC 8 full level

F17C 13/00 (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP US)

F17C 1/00 (2013.01 - US); **F17C 13/003** (2013.01 - EP US); **F17C 13/02** (2013.01 - EP US); **F17C 13/025** (2013.01 - EP US);
F17C 13/028 (2013.01 - EP US); **F17C 13/04** (2013.01 - US); **F17C 2201/0104** (2013.01 - EP US); **F17C 2201/032** (2013.01 - EP US);
F17C 2201/058 (2013.01 - EP US); **F17C 2203/069** (2013.01 - EP US); **F17C 2205/0165** (2013.01 - EP US); **F17C 2205/0308** (2013.01 - EP US);
F17C 2221/011 (2013.01 - EP US); **F17C 2221/031** (2013.01 - EP US); **F17C 2223/0123** (2013.01 - EP US); **F17C 2223/035** (2013.01 - EP US);
F17C 2250/0426 (2013.01 - EP US); **F17C 2250/043** (2013.01 - EP US); **F17C 2250/0473** (2013.01 - EP US); **F17C 2250/0491** (2013.01 - EP US);
F17C 2260/024 (2013.01 - EP US); **F17C 2270/02** (2013.01 - EP US); **F17C 2270/025** (2013.01 - EP US); **F17C 2270/0745** (2013.01 - EP US)

Citation (search report)

See references of WO 2017064387A1

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 2017064387 A1 20170420; CA 3001791 A1 20170420; EP 3362734 A1 20180822; EP 3362734 B1 20211124; FR 3042585 A1 20170421;
FR 3042585 B1 20180309; US 2018363855 A1 20181220

DOCDB simple family (application)

FR 2016052484 W 20160929; CA 3001791 A 20160929; EP 16785255 A 20160929; FR 1559790 A 20151015; US 201615768075 A 20160929