

Title (en)

PROTECTIVE CAP FOR THE TAP OF A PRESSURIZED FLUID TANK

Title (de)

SCHUTZKAPPE FÜR DEN ZAPFHAHN EINES DRUCKFLÜSSIGKEITSTANKS

Title (fr)

CHAPEAU DE PROTECTION POUR ROBINET DE RÉSERVOIR DE FLUIDE SOUS PRESSION

Publication

EP 2715209 B1 20160323 (FR)

Application

EP 12725069 A 20120427

Priority

- FR 1154823 A 20110601
- FR 2012050947 W 20120427

Abstract (en)

[origin: WO2013001190A1] The invention relates to a protective cap for the tap of a pressurized fluid tank, including two half-shells (1, 2) assembled together, the two half-shells (1, 2) defining a bottom base (11) to be mounted at a port of a tank, wherein the two half-shells (1, 2) are assembled along a plane perpendicular to the base (11), and define an inner protective space for a tap, the two half-shells (1, 2) being assembled by means of systems of attachment shafts (4) engaging with recesses (14) formed in the half-shells (1, 2), the two half shells (1, 2) defining, in the assembled position, at least one opening (3, 13) for accessing the inner protective space, characterized in that it also includes, at a top end of the cap, a part (5) for reinforcing and locking the two half-shells (1, 2), the reinforcing and locking part (5) including two ends coupled to the two half-shells (1, 2), respectively. The reinforcing and locking part (5) is generally beam-shaped and is mounted onto a frame (7) formed by the half-shells (1, 2), the frame (7) covered by the reinforcing part (5) consisting of a top handle for gripping the cap, both ends of the reinforcing and locking part (5) being snap-coupled to the half-shells (1, 2).

IPC 8 full level

F17C 13/00 (2006.01); **F17C 13/08** (2006.01)

CPC (source: EP)

F17C 13/003 (2013.01); **F17C 13/084** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/0114** (2013.01); **F17C 2201/032** (2013.01); **F17C 2201/058** (2013.01); **F17C 2203/0617** (2013.01); **F17C 2203/0636** (2013.01); **F17C 2203/066** (2013.01); **F17C 2205/0165** (2013.01); **F17C 2205/0308** (2013.01); **F17C 2205/05** (2013.01); **F17C 2205/051** (2013.01); **F17C 2260/015** (2013.01); **F17C 2260/028** (2013.01); **F17C 2270/0745** (2013.01)

Cited by

WO2024015052A1; WO2019155153A2

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)

FR 2976048 A1 20121207; **FR 2976048 B1 20140523**; CN 103562616 A 20140205; CN 103562616 B 20150624; EP 2715209 A1 20140409; EP 2715209 B1 20160323; ES 2571456 T3 20160525; WO 2013001190 A1 20130103

DOCDB simple family (application)

FR 1154823 A 20110601; CN 201280026891 A 20120427; EP 12725069 A 20120427; ES 12725069 T 20120427; FR 2012050947 W 20120427