

Title (en)

Tank for storing fluids at high pressures, in particular a gas for fuelling a motor vehicle engine, and manufacturing method thereof

Title (de)

Behälter zum Lagern von Flüssigkeiten unter Hochdruck, insbesondere eines Gases zum Betanken eines Kraftfahrzeugmotors und Verfahren zu seiner Herstellung

Title (fr)

Vanne papillon d'un système tourbillonnaire pour moteur à combustion interne

Publication

EP 1925873 B1 20081217 (EN)

Application

EP 06425803 A 20061124

Priority

EP 06425803 A 20061124

Abstract (en)

[origin: EP1925873A1] A tank for storing a fluid at high pressure comprises a body (12) made of high-carbon steel or high-strength steel, to which a valve is rigidly fixed. The body (12) is formed in a single piece and comprises a terminal region (15) equipped with portions with thickened walls (16), which are arranged with central symmetry with respect to an axis (X) of the body (12). Made in at least one of the portions (16) is a through opening (17) to enable fixing thereto of the valve.

IPC 8 full level

F17C 13/08 (2006.01)

CPC (source: EP)

F17C 1/005 (2013.01); **F17C 2201/0104** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/056** (2013.01); **F17C 2203/0639** (2013.01); **F17C 2205/0323** (2013.01); **F17C 2209/00** (2013.01); **F17C 2209/2172** (2013.01); **F17C 2209/2181** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/036** (2013.01); **F17C 2260/011** (2013.01); **F17C 2270/0178** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1925873 A1 20080528; **EP 1925873 B1 20081217**; AT E418041 T1 20090115; CN 101405536 A 20090408; CN 101405536 B 20110608; DE 602006004368 D1 20090129; WO 2008062261 A1 20080529

DOCDB simple family (application)

EP 06425803 A 20061124; AT 06425803 T 20061124; CN 200780010199 A 20070807; DE 602006004368 T 20061124; IB 2007002337 W 20070807