

Title (en)
CRYOGENIC FUEL TANK AND USE THEREOF IN A MOTOR VEHICLE

Title (de)
KRYOKRAFTSTOFFTANK UND VERWENDUNG DAVON IN EINEM KRAFTFAHRZEUG

Title (fr)
RESERVOIR DE FLUIDE CRYOGENIQUE ET UTILISATION DANS UN VEHICULE AUTOMOBILE

Publication
EP 1749169 A1 20070207 (FR)

Application
EP 04816571 A 20041217

Priority
• FR 2004050718 W 20041217
• FR 0405020 A 20040510

Abstract (en)
[origin: WO2005121631A1] A cryogenic fluid tank comprising an outer envelope (2) and an inner envelope (1), wherein the space between said envelopes is occupied by a multilayered insulation structure (3) wherein the inner envelope (1) is supported on a point of articulation (A) formed by a support structure (6) coupled to the outer envelope (2) and extending into the latter, wherein the point of articulation is located above the center of gravity (G) of the inner envelope. Applications: cryogenic fuel tanks in motor vehicles.

IPC 8 full level
F17C 3/04 (2006.01); **F17C 3/08** (2006.01)

CPC (source: EP KR US)
F17C 3/04 (2013.01 - EP KR US); **F17C 3/08** (2013.01 - EP US); **F17C 2201/0104** (2013.01 - EP US); **F17C 2201/035** (2013.01 - EP US); **F17C 2201/054** (2013.01 - EP US); **F17C 2201/056** (2013.01 - EP US); **F17C 2203/014** (2013.01 - EP US); **F17C 2203/0308** (2013.01 - EP US); **F17C 2203/0391** (2013.01 - EP US); **F17C 2203/0629** (2013.01 - EP US); **F17C 2221/01** (2013.01 - EP US); **F17C 2221/03** (2013.01 - EP US); **F17C 2223/0161** (2013.01 - EP US); **F17C 2223/033** (2013.01 - EP US); **F17C 2223/043** (2013.01 - EP US); **F17C 2250/0408** (2013.01 - EP US); **F17C 2260/033** (2013.01 - EP US); **F17C 2270/0168** (2013.01 - EP US)

Citation (search report)
See references of WO 2005121631A1

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2005121631 A1 20051222; CA 2563473 A1 20051222; EP 1749169 A1 20070207; FR 2869973 A1 20051111; FR 2869973 B1 20060623; JP 2007536485 A 20071213; KR 20070007919 A 20070116; US 2008041091 A1 20080221

DOCDB simple family (application)
FR 2004050718 W 20041217; CA 2563473 A 20041217; EP 04816571 A 20041217; FR 0405020 A 20040510; JP 2007512242 A 20041217; KR 20067023507 A 20061109; US 56890004 A 20041217