

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

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Designated extension state (EPC)

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DOCDB simple family (publication)

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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