

Title (en)

COUPLING, PARTICULARLY FOR LNG

Title (de)

KUPPLUNG, INSBESONDERE FÜR LNG

Title (fr)

ACCOUPLEMENT, EN PARTICULIER POUR DU GAZ NATUREL LIQUÉFIÉ

Publication

EP 2229551 A1 20100922 (DE)

Application

EP 08863678 A 20081217

Priority

- EP 2008010734 W 20081217
- DE 202007018142 U 20071222

Abstract (en)

[origin: CA2712592A1] In order to provide an operationally secure coupling for connecting a coupling housing (11) to a nipple, which are provided for feeding a cryogenic medium, particularly LNG, to a vehicle tank, a hand lever (15) is arranged in a pivotable way on the coupling housing (11) for the connection thereof. According to the invention, on the coupling housing (11) adjacent to the hand lever (15) a control block (20) having at least one locking element (21) is provided, which locks the hand lever (15) in the connecting position.

IPC 8 full level

F16L 37/44 (2006.01)

CPC (source: EP US)

F16L 37/121 (2013.01 - EP US); **F16L 37/20** (2013.01 - EP US); **F16L 37/44** (2013.01 - EP US); **F17C 2205/037** (2013.01 - EP US)

Citation (search report)

See references of WO 2009080260A1

Cited by

DE102015118830A1; WO2017076706A1; US10793417B2; DE202015009958U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 202007018142 U1 20090305; AU 2008340701 A1 20090702; CA 2712592 A1 20090702; CN 101946113 A 20110112;
CN 101946113 B 20120530; EA 201001046 A1 20110228; EP 2229551 A1 20100922; JP 2011508163 A 20110310;
KR 20100126663 A 20101202; US 2011005639 A1 20110113; WO 2009080260 A1 20090702

DOCDB simple family (application)

DE 202007018142 U 20071222; AU 2008340701 A 20081217; CA 2712592 A 20081217; CN 200880127210 A 20081217;
EA 201001046 A 20081217; EP 08863678 A 20081217; EP 2008010734 W 20081217; JP 2010538446 A 20081217;
KR 20107016449 A 20081217; US 80997308 A 20081217