

Title (en)
STOPPER FOR A SECONDARY DIAPHRAGM OF AN LNG VAT

Title (de)
ANSCHLAG FÜR EINE SEKUNDÄRMEMBRAN EINES LNG-TANKS

Title (fr)
ARRÊT DE LA MEMBRANE SECONDAIRE D'UNE CUVE DE GNL

Publication
EP 2419671 B1 20151028 (FR)

Application
EP 10715919 A 20100311

Priority
• FR 2010050417 W 20100311
• FR 0952425 A 20090414

Abstract (en)
[origin: WO2010119199A1] The invention relates to a liquefied natural gas tank, including a support structure (11) and a sealed and thermally insulated vat for containing liquefied natural gas, each wall of the vat having, in series in the direction of the thickness from the inside toward the outside of said vat, a primary sealed barrier, a primary thermally insulated barrier, a secondary sealed barrier and a secondary thermally insulated barrier, the secondary sealed barrier of a vertical wall including a first sealed layer located at the top of said wall and a connection device sealingly connecting said first sealed layer to said support structure, characterized in that said connection device includes a first metal plate (22) parallel to said first sealed layer, and a second sealed layer (17) which is adhered to said first sealed layer, as well as connected to said first metal plate.

IPC 8 full level
F17C 3/02 (2006.01)

CPC (source: EP KR US)
F17C 3/02 (2013.01 - KR); **F17C 3/022** (2013.01 - EP US); **F17C 3/027** (2013.01 - EP US); **F17C 2201/0147** (2013.01 - EP US); **F17C 2201/052** (2013.01 - EP US); **F17C 2203/0304** (2013.01 - EP US); **F17C 2203/0629** (2013.01 - EP US); **F17C 2209/227** (2013.01 - EP US); **F17C 2209/228** (2013.01 - EP US); **F17C 2209/232** (2013.01 - EP US); **F17C 2209/234** (2013.01 - EP US); **F17C 2221/033** (2013.01 - EP US); **F17C 2223/0161** (2013.01 - EP US); **F17C 2223/033** (2013.01 - EP US); **F17C 2260/013** (2013.01 - EP US); **F17C 2270/0107** (2013.01 - EP US); **F17C 2270/0136** (2013.01 - EP US)

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
FR 2944335 A1 20101015; **FR 2944335 B1 20110506**; AR 076286 A1 20110601; AU 2010238386 A1 20111027; AU 2010238386 B2 20150709; BR PI1015526 A2 20160426; BR PI1015526 B1 20200825; CA 2752208 A1 20101021; CA 2752208 C 20170328; CL 2011002179 A1 20120120; CN 102348925 A 20120208; CN 102348925 B 20130522; CO 6440521 A2 20120515; CU 20120073 A7 20120621; DO P2011000263 A 20111015; EG 26598 A 20140320; EP 2419671 A1 20120222; EP 2419671 B1 20151028; EP 2419671 B3 20161102; ES 2559931 T3 20160216; ES 2559931 T7 20170517; HN 2012000110 A 20150518; HR P20160092 T1 20160226; HR P20160092 T4 20170324; HR P20160092 T8 20160325; IL 217318 A0 20120229; IL 217318 A 20141130; JP 2012523527 A 20121004; JP 5374636 B2 20131225; KR 101412680 B1 20140626; KR 20110137398 A 20111222; MA 33253 B1 20120502; MX 2011010549 A 20111216; MY 157011 A 20160415; NZ 594659 A 20130328; PE 20121005 A1 20120816; PL 2419671 T3 20160429; PL 2419671 T6 20171031; RU 2011141902 A 20130520; RU 2514458 C2 20140427; SA 110310287 B1 20140603; SG 174490 A1 20111028; TN 2011000407 A1 20130327; TW 201102554 A 20110116; TW I596296 B 20170821; UA 104308 C2 20140127; US 2012012473 A1 20120119; US 9291308 B2 20160322; WO 2010119199 A1 20101021; ZA 201107470 B 20120725

DOCDB simple family (application)
FR 0952425 A 20090414; AR P100101234 A 20100413; AU 2010238386 A 20100311; BR PI1015526 A 20100311; CA 2752208 A 20100311; CL 2011002179 A 20110905; CN 201080009097 A 20100311; CO 12004788 A 20120113; CU 20120073 A 20120514; DO 2011000263 A 20110815; EG 2011101711 A 20111012; EP 10715919 A 20100311; ES 10715919 T 20100311; FR 2010050417 W 20100311; HN 2012000110 A 20120116; HR P20160092 T 20160128; IL 21731812 A 20120101; JP 2012504044 A 20100311; KR 20117027124 A 20100311; MA 34321 A 20111101; MX 2011010549 A 20100311; MY PI2011004908 A 20100311; NZ 59465910 A 20100311; PE 2011001789 A 20100311; PL 10715919 T 20100311; RU 2011141902 A 20100311; SA 110310287 A 20100411; SG 2011068103 A 20100311; TN 2011000407 A 20110811; TW 99110778 A 20100407; UA A201112054 A 20100311; US 201013258740 A 20100311; ZA 201107470 A 20111012