

Title (en)
POLYGONAL LNG VESSEL

Title (de)
MEHRECKIGER FLÜSSIGERDGASBEHÄLTER

Title (fr)
CUVE POLYGONALE POUR GNL

Publication
EP 2491293 A1 20120829 (FR)

Application
EP 10781952 A 20101007

Priority
• FR 0957349 A 20091020
• FR 2010052110 W 20101007

Abstract (en)
[origin: WO2011048300A1] The invention relates to a sealed and/or heat-insulated vessel (1) including a load-bearing structure (4), a sealing barrier and/or heat-insulating barrier, said sealing barrier and/or heat-insulating barrier having a cylindrical shape and including a vertical wall (2) and a bottom wall (3), wherein said vertical wall has a plurality of vertical sections (8, 8'), said load-bearing structure surrounding said vertical wall, and wherein said bottom wall includes a plurality of rectangular parts (5) divided rotatably into image sectors that are distinct from each other, the edges of the rectangular parts of one of said sectors being respectively parallel and perpendicular to one of said vertical sections (8). Said vessel is characterized in that the number of said vertical sections is twice the number of said sectors.

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 2201/0104** (2013.01 - EP US); **F17C 2201/032** (2013.01 - EP US);
F17C 2201/052 (2013.01 - EP US); **F17C 2203/0304** (2013.01 - EP US); **F17C 2203/0636** (2013.01 - EP US); **F17C 2203/0678** (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 2260/01** (2013.01 - EP US);
F17C 2270/0136 (2013.01 - EP US)

Citation (search report)
See references of WO 2011048300A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
FR 2951521 A1 20110422; FR 2951521 B1 20111118; AR 078639 A1 20111123; AU 2010309683 A1 20120614; AU 2010309683 B2 20140320;
BR 112012006223 A2 20160531; BR 112012006223 B1 20201013; CA 2773252 A1 20110428; CA 2773252 C 20171128;
CL 2012000731 A1 20121123; CN 102597600 A 20120718; CN 102597600 B 20130925; CO 6511259 A2 20120831; CU 20120049 A7 20120621;
CY 1114831 T1 20161214; DO P2012000075 A 20120615; EP 2491293 A1 20120829; EP 2491293 B1 20130710; ES 2429840 T3 20131118;
IL 218396 A0 20120430; IN 2086DEN2012 A 20150821; JP 2013508636 A 20130307; KR 20120086315 A 20120802; MA 33683 B1 20121001;
MX 2012003248 A 20120410; MY 173175 A 20200102; NZ 598514 A 20130328; PE 20121381 A1 20121023; PL 2491293 T3 20131231;
RU 2012110770 A 20131127; RU 2511988 C2 20140410; TN 2012000107 A1 20130919; TW 201130723 A 20110916; TW I404664 B 20130811;
US 2012168445 A1 20120705; US 8813983 B2 20140826; UY 32957 A 20110531; WO 2011048300 A1 20110428; ZA 201202838 B 20121227

DOCDB simple family (application)
FR 0957349 A 20091020; AR P100103756 A 20101014; AU 2010309683 A 20101007; BR 112012006223 A 20101007;
CA 2773252 A 20101007; CL 2012000731 A 20120323; CN 201080046311 A 20101007; CO 12048621 A 20120322;
CU 20120049 A 20120326; CY 131100851 T 20131002; DO 2012000075 A 20120320; EP 10781952 A 20101007; ES 10781952 T 20101007;
FR 2010052110 W 20101007; IL 21839612 A 20120229; IN 2086DEN2012 A 20120309; JP 2012534736 A 20101007;
KR 20127012270 A 20101007; MA 34790 A 20120419; MX 2012003248 A 20101007; MY PI2012001728 A 20101007; NZ 59851410 A 20101007;
PE 2012000348 A 20101007; PL 10781952 T 20101007; RU 2012110770 A 20101007; TN 2012000107 A 20120308; TW 99135636 A 20101019;
US 201013395671 A 20101007; UY 32957 A 20101020; ZA 201202838 A 20120418