

Title (en)
Isolating and sealing vessel comprising a support leg

Title (de)
Dichter isolierter Tank, der einen Stützfuß umfasst

Title (fr)
Cuve étanche et isolante comportant un pied de support

Publication
EP 2740987 A3 20180321 (FR)

Application
EP 14157675 A 20110524

Priority
• FR 1054822 A 20100617
• EP 11727255 A 20110524
• FR 2011051168 W 20110524

Abstract (en)
[origin: WO2011157915A1] A vessel wall comprises a sealing barrier (6) and a support foot (10) for an item of equipment immersed in the sealed vessel. The sealing barrier comprises a corrugated metal sheet layer (11) having at least one series of parallel corrugations (15), the corrugated metal sheet layer being interrupted at a window (25) surrounding the support foot. The support foot extends longitudinally through the window. The sealing barrier comprises connecting parts (45, 50) for sealingly connecting the support foot to a marginal portion of the corrugated metal sheet layer that delimits the window. The window (25) interrupts the directrices of a plurality (20) of the parallel corrugations of the series, and the support foot is centred at a position situated between the directrices (A) of two parallel corrugations (20).

IPC 8 full level
F17C 3/02 (2006.01); **B63B 25/16** (2006.01)

CPC (source: EP KR RU)
B63B 25/16 (2013.01 - KR); **F17C 3/02** (2013.01 - KR RU); **F17C 3/027** (2013.01 - EP); **F17C 13/004** (2013.01 - EP);
F17C 2201/052 (2013.01 - EP); **F17C 2205/018** (2013.01 - EP); **F17C 2221/033** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP);
F17C 2223/033 (2013.01 - EP); **F17C 2227/0135** (2013.01 - EP); **F17C 2260/01** (2013.01 - EP); **F17C 2270/0107** (2013.01 - EP)

Citation (search report)
• [A] KR 20080072387 A 20080806 - HYUN DAI HEAVY IND CO LTD [KR]
• [A] JP 2001108198 A 20010420 - KAWASAKI HEAVY IND LTD

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)
WO 2011157915 A1 20111222; AU 2011266930 A1 20130110; AU 2011266930 B2 20150129; BR 112012032016 A2 20161108;
BR 112012032016 B1 20200721; BR 122014005768 A2 20190813; CN 102933888 A 20130213; CN 102933888 B 20141008;
CN 103899912 A 20140702; CN 103899912 B 20160316; EP 2583021 A1 20130424; EP 2583021 B1 20140730; EP 2740987 A2 20140611;
EP 2740987 A3 20180321; EP 2740987 B1 20210324; ES 2509715 T3 20141017; ES 2874476 T3 20211105; FR 2961580 A1 20111223;
FR 2961580 B1 20120713; JP 2013528541 A 20130711; JP 2014141308 A 20140807; JP 5530030 B2 20140625; JP 5746778 B2 20150708;
KR 101512963 B1 20150417; KR 101722377 B1 20170405; KR 20130081276 A 20130716; KR 20140046490 A 20140418;
MY 182133 A 20210118; RU 2012154217 A 20140727; RU 2014112235 A 20151010; RU 2526473 C1 20140820; RU 2662265 C2 20180725;
SG 10201400698T A 20140529; SG 185001 A1 20121129; TW 201206793 A 20120216; TW 201427879 A 20140716; TW I505979 B 20151101;
TW I510419 B 20151201

DOCDB simple family (application)
FR 2011051168 W 20110524; AU 2011266930 A 20110524; BR 112012032016 A 20110524; BR 122014005768 A 20110524;
CN 201180027512 A 20110524; CN 201410131602 A 20110524; EP 11727255 A 20110524; EP 14157675 A 20110524;
ES 11727255 T 20110524; ES 14157675 T 20110524; FR 1054822 A 20100617; JP 2013514751 A 20110524; JP 2014052930 A 20140317;
KR 20137001183 A 20110524; KR 20147008815 A 20110524; MY PI2014002142 A 20110524; RU 2012154217 A 20110524;
RU 2014112235 A 20140331; SG 10201400698T A 20110524; SG 2012078580 A 20110524; TW 100119088 A 20110531;
TW 103111525 A 20110531