

Title (en)  
PRESSURE CONTAINER FOR LIQUID CARGO STORAGE

Title (de)  
DRUCKBEHÄLTER ZUM LAGERN VON FLÜSSIGKEITEN IN SCHÜTTGUT

Title (fr)  
CONTENANT SOUS PRESSION DE STOCKAGE DE MARCHANDISES LIQUIDES

Publication  
**EP 2896868 A4 20151125 (EN)**

Application  
**EP 13795986 A 20130814**

Priority

- KR 20120089260 A 20120816
- KR 2013007357 W 20130814

Abstract (en)  
[origin: EP2896868A1] A pressure vessel for storing liquids in bulk which forms a space for storing liquids by combining first reinforcing plates each having a creased cross-sectional structure formed by groove parts and ridge parts with at least one second reinforcing plate having a flat plate cross-sectional structure, in which part of the pressure vessel is formed by the reinforcing plates having the creased cross-sectional structure, thus allowing liquids to efficiently flow in the pressure vessel. The pressure vessel includes: a plurality of first reinforcing plates having a creased cross-sectional structure formed by a groove part and by a ridge part, the first reinforcing plates being combined with each other and forming part of the pressure vessel; and at least one second reinforcing plate combined with the first reinforcing plates and forming a remaining part of the pressure vessel, the one second reinforcing plate having a flat plate cross-sectional structure.

IPC 8 full level  
**F17C 1/08** (2006.01); **F17C 1/02** (2006.01)

CPC (source: EP KR)  
**F17C 1/02** (2013.01 - KR); **F17C 1/08** (2013.01 - KR); **F17C 3/025** (2013.01 - EP); **F17C 2201/0157** (2013.01 - EP);  
**F17C 2201/052** (2013.01 - EP); **F17C 2203/012** (2013.01 - EP); **F17C 2221/033** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP);  
**F17C 2223/033** (2013.01 - EP); **F17C 2270/0105** (2013.01 - EP)

Citation (search report)

- [X] WO 2008133785 A1 20081106 - EXXONMOBIL UPSTREAM RES CO [US], et al
- [X] US 2975927 A 19610321 - CHRISTIAN ARNE
- [X] US 3941272 A 19760302 - MCLAUGHLIN HOLLIS G
- [I] KR 20120001995 A 20120105 - HYUN DAI HEAVY IND CO LTD [KR]
- [X] WO 2006001709 A2 20060105 - DET NORSKE VERITAS AS [NO], et al
- See references of WO 2014027850A1

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)  
**EP 2896868 A1 20150722; EP 2896868 A4 20151125; EP 2896868 B1 20190313**; BR 112013026548 A2 20161227;  
BR 112013026548 B1 20210720; CN 103765076 A 20140430; CN 103765076 B 20151230; JP 2014532150 A 20141204;  
JP 5736517 B2 20150617; KR 101464405 B1 20141121; KR 20140022998 A 20140226; WO 2014027850 A1 20140220

DOCDB simple family (application)  
**EP 13795986 A 20130814**; BR 112013026548 A 20130814; CN 201380000896 A 20130814; JP 2014530617 A 20130814;  
KR 20120089260 A 20120816; KR 2013007357 W 20130814