

Title (en)  
FLOATING VESSEL

Title (de)  
SCHWIMMFahrzeug

Title (fr)  
VAISSEAU FLOTTANT

Publication  
**EP 3261917 A4 20180926 (EN)**

Application  
**EP 16756028 A 20160127**

Priority  
• US 201514630563 A 20150224  
• US 2016015159 W 20160127

Abstract (en)  
[origin: WO2016137643A1] A floating vessel configured to support at least one of: drilling of wells, workover of wells, production, and storage of hydrocarbons, and personnel accommodation, having a hull. The hull has a bottom surface, a top deck surface, and at least two connected sections engaging between the bottom surface and the top deck surface. The at least two connected sections are joined in a series and symmetrical about a vertical axis. The connected sections extend downwardly from the top deck surface toward the bottom surface. The connected sections can have an upper cylindrical portion, a neck section, and a lower conical section. At least one fin is secured to the hull and the lower conical section provides added mass improved hydrodynamic performance through linear and quadratic damping to the hull.

IPC 8 full level  
**B63B 35/44** (2006.01); **B63B 1/04** (2006.01); **B63B 21/04** (2006.01); **E21B 17/01** (2006.01)

CPC (source: EP IL KR RU)  
**B63B 1/041** (2013.01 - EP IL KR); **B63B 21/04** (2013.01 - EP IL KR RU); **B63B 21/50** (2013.01 - EP IL KR); **B63B 27/34** (2013.01 - EP IL KR); **B63B 35/44** (2013.01 - EP IL KR RU); **B63B 43/06** (2013.01 - KR); **E02B 17/00** (2013.01 - IL RU); **E21B 17/015** (2013.01 - EP IL KR); **E21B 41/0007** (2013.01 - EP IL KR); **E21B 41/08** (2013.01 - EP IL KR); **B63B 2003/147** (2013.01 - EP IL KR); **B63B 2035/448** (2013.01 - EP IL KR)

Citation (search report)  
• [Y] US 2009126616 A1 20090521 - SRINIVASAN NAGAN [US]  
• [Y] US 2011107951 A1 20110512 - VANDENWORM NICOLAAS J [US]  
• [A] CN 2900352 Y 20070516 - CHINA NAT OFFSHORE OIL CORP [CN]  
• See also references of WO 2016137643A1

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 2016137643 A1 20160901**; AU 2016223268 A1 20170518; AU 2016223268 B2 20200123; BR 112017018128 A2 20180410; BR 112017018128 B1 20230321; CA 2966003 A1 20160901; CA 2966003 C 20230228; CN 107249977 A 20171013; CN 107249977 B 20220809; EP 3261917 A1 20180103; EP 3261917 A4 20180926; EP 3261917 B1 20211208; IL 251968 A0 20170629; IL 251968 B 20210930; KR 102365576 B1 20220218; KR 20170121177 A 20171101; MX 2017006314 A 20180216; MY 192549 A 20220828; PH 12017500846 A1 20171030; RU 2017133098 A 20190325; RU 2017133098 A3 20190325; RU 2684939 C2 20190416; SG 11201706732T A 20170928

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**US 2016015159 W 20160127**; AU 2016223268 A 20160127; BR 112017018128 A 20160127; CA 2966003 A 20160127; CN 201680011765 A 20160127; EP 16756028 A 20160127; IL 25196817 A 20170427; KR 20177023212 A 20160127; MX 2017006314 A 20160127; MY PI2017703052 A 20160127; PH 12017500846 A 20170505; RU 2017133098 A 20160127; SG 11201706732T A 20160127