

Title (en)
VESSEL HULL CONFIGURATION

Title (de)
GEFÄSSHÜLLENKONFIGURATION

Title (fr)
CONFIGURATION DE COQUE DE NAVIRE

Publication
EP 2534038 A4 20170419 (EN)

Application
EP 11741760 A 20110211

Priority
• AU 2010900553 A 20100211
• AU 2011000149 W 20110211

Abstract (en)
[origin: WO2011097685A1] A vessel (10) comprising a hull (15) having a the Longitudinal Centre of Flotation (LCF) at the design load waterline (25) at rest with a value of less than about 35% of the vessel waterline length measured from the aftermost point (19) of the vessel waterline. The design vessel speed at design load waterline is at or above Froude Number of 0.45. The hull (15) has a length-to-beam ratio on the design waterline of greater than about 8.0. The Longitudinal Centre of Buoyancy (LCB) is between about 30% and 45% of the vessel waterline length measured from the aftermost point (19) of the vessel waterline (25). In one arrangement, the vessel (10) may comprise a single hull vessel. In another arrangement, the vessel (10) may comprise a multi-hulled vessel.

IPC 8 full level
B63B 1/02 (2006.01); **B63B 1/12** (2006.01); **B63B 9/08** (2006.01)

CPC (source: EP US)
B63B 1/02 (2013.01 - EP US); **B63B 1/125** (2013.01 - EP US); **B63B 35/54** (2013.01 - US)

Citation (search report)
• [AD] US 5701835 A 19971230 - BORSETH KNUT [NO]
• [AD] US 5598802 A 19970204 - RAMDE ROAR R [NO]
• [A] US 6311635 B1 20011106 - VATON GILLES [FR]
• [AD] US 7461608 B1 20081209 - F ALBERTO ALVAREZ-CALDERON [US]
• [A] US 6843193 B1 20050118 - ALVAREZ-CALDERON F ALBERTO [US]
• See references of WO 2011097685A1

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 2011097685 A1 20110818; AU 2011214905 A1 20120719; AU 2011214905 B2 20160811; EP 2534038 A1 20121219;
EP 2534038 A4 20170419; US 2012304908 A1 20121206; US 2016129973 A1 20160512

DOCDB simple family (application)
AU 2011000149 W 20110211; AU 2011214905 A 20110211; EP 11741760 A 20110211; US 201113578515 A 20110211;
US 201614996736 A 20160115