

Title (en)

Improved heave plate on floating offshore structure

Title (de)

Verbesserte Hubplatte einer schwimmenden Offshore-Struktur

Title (fr)

Plaque lourde améliorée pour structure flottante en mer

Publication

**EP 2239191 A2 20101013 (EN)**

Application

**EP 10159468 A 20100409**

Priority

US 42090309 A 20090409

Abstract (en)

A floating offshore structure having a buoyant hull with an open truss frame having heave plates vertically spaced along the truss frame. One or more of the heave plates include a skirt plate that is attached around the outer perimeter of the heave plate and increases the effectiveness of the heave plate at trapping water mass between the heave plates for reducing heave motions of the floating offshore structure. A skirt plate is attached to one or more heave plates at substantially a right angle to the heave plate. The skirt plate may extend beyond the upper and lower surfaces of the heave plate or be positioned so as to be flush with the one surface of the heave plate and extend only beyond the opposite surface of the heave plate.

IPC 8 full level

**B63B 35/44** (2006.01)

CPC (source: EP US)

**B63B 35/4413** (2013.01 - EP US)

Citation (applicant)

US 5558467 A 19960924 - HORTON EDWARD E [US]

Cited by

CN111022269A

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**EP 2239191 A2 20101013; EP 2239191 A3 20121226**; AU 2010201416 A1 20101028; BR PI1000994 A2 20110621; CA 2699395 A1 20101009; CN 101857071 A 20101013; MX 2010003735 A 20101019; US 2010260554 A1 20101014

DOCDB simple family (application)

**EP 10159468 A 20100409**; AU 2010201416 A 20100408; BR PI1000994 A 20100409; CA 2699395 A 20100409; CN 201010188008 A 20100409; MX 2010003735 A 20100406; US 42090309 A 20090409