

Title (en)

FLOATING SUPPORT HAVING A REEL INCLUDING ROLLER BEARINGS OUTSIDE THE WATER

Title (de)

SCHWIMMENDER TRÄGER MIT EINER ROLLE MIT KUGELLARGERN AUSSERHALB DES WASSERS

Title (fr)

SUPPORT FLOTTANT EQUIPE DE TOURET COMPRENANT DES PALIERS DE ROULEMENT HORS D'EAU

Publication

EP 2252501 A2 20101124 (FR)

Application

EP 09728404 A 20090318

Priority

- FR 2009050453 W 20090318
- FR 0851832 A 20080321

Abstract (en)

[origin: WO2009122098A2] The present invention relates to a floating support (10) for petroleum production, comprising a detachable docking system (1, 2, 3) with anchoring lines (13) at the bottom of the sea and bottom-surface linking ducts (14) comprising: a docking buoy (1) for said lines and bottom-surface linking ducts, with said buoy preferably an annular buoy, and characterized in that said reel (2) includes: a sealed external tubular structure (2b) comprising a bottom (2c) sealingly assembled at the lower end of said sealed external tubular structure (2b), with said external tubular structure (2b) containing an internal structure (2a) secured to the shell at its upper end (2a1), where said internal and external tubular structures engage with at least one lower roller or friction bearing, permitting rotation of said internal structure, since said external structure is not rotatably driven when said floating support is rotatably driven about said vertical axis of the cavity and of said sealed external tubular structure ZZ', and said lower roller or friction bearing (51, 52) located below the surface of the water but inside said external sealed structure.

IPC 8 full level

B63B 21/50 (2006.01); **B63B 22/02** (2006.01)

CPC (source: EP US)

B63B 21/508 (2013.01 - EP US); **B63B 22/023** (2013.01 - EP US); **B63B 22/025** (2013.01 - EP US); **B63B 22/026** (2013.01 - EP US)

Citation (search report)

See references of WO 2009122098A2

Cited by

CN109555788A

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

FR 2928899 A1 20090925; **FR 2928899 B1 20100416**; CA 2714625 A1 20091008; CA 2714625 C 20140225; EP 2252501 A2 20101124; EP 2252501 B1 20130508; KR 101422319 B1 20140722; KR 20100124733 A 20101129; RU 2010131830 A 20120427; RU 2492102 C2 20130910; US 2011017117 A1 20110127; US 8485116 B2 20130716; WO 2009122098 A2 20091008; WO 2009122098 A3 20100107

DOCDB simple family (application)

FR 0851832 A 20080321; CA 2714625 A 20090318; EP 09728404 A 20090318; FR 2009050453 W 20090318; KR 20107019127 A 20090318; RU 2010131830 A 20090318; US 93377809 A 20090318