

Title (en)

INSTALLATION FOR TRANSFERRING A FLUID BETWEEN A TANKER AND A FIXED STRUCTURE

Title (de)

ANLAGE ZUR ÜBERTRAGUNG EINER FLÜSSIGKEIT ZWISCHEN EINEM TANKER UND EINER FEST INSTALLIERTEN STRUKTUR

Title (fr)

INSTALLATION DE TRANSFERT D'UN FLUIDE ENTRE UN NAVIRE DE TRANSPORT ET UNE STRUCTURE FIXE

Publication

EP 2195232 A2 20100616 (FR)

Application

EP 08834750 A 20080905

Priority

- FR 2008051586 W 20080905
- FR 0757527 A 20070912

Abstract (en)

[origin: WO2009044052A2] Said installation (16) comprises a transport duct (34) at least partly submerged in an expanse of water (14), a device (65, 48) for conveying fluid between the tanker (12) and the duct (34) and a floating quay (42) for tying up the tanker (12). The quay (42) has a support structure (60) partially submerged in the expanse of water (14). The support structure (60) has an open trellis (66), defining internal volumes (68) for circulation of water opening out into the expanse of water (14). The floating quay (12) further comprises flexible anchoring lines (64) for the support structure (60) on the bed (20) of the expanse of water (14). The ratio of the volume of the internal volumes (68) to the sum of the volume of the open trellis (66) and the volume of the internal volumes (68) is greater than 0.9.

IPC 1-7

B67D 5/68

IPC 8 full level

B63B 27/24 (2006.01); **B67D 9/00** (2010.01); **B63B 35/44** (2006.01)

CPC (source: EP US)

B63B 27/24 (2013.01 - EP US); **B63B 27/34** (2013.01 - EP US); **B63B 35/44** (2013.01 - EP US); **Y10T 137/0318** (2015.04 - EP US); **Y10T 137/3802** (2015.04 - EP US)

Citation (search report)

See references of WO 2009044052A2

Cited by

WO2020212525A1; FR3095187A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2920753 A1 20090313; **FR 2920753 B1 20101119**; AT E545577 T1 20120315; AU 2008306796 A1 20090409; AU 2008306796 B2 20120301; BR PI0816853 A2 20150317; EP 2195232 A2 20100616; EP 2195232 B1 20120215; ES 2380513 T3 20120514; US 2010300545 A1 20101202; US 8590472 B2 20131126; WO 2009044052 A2 20090409; WO 2009044052 A3 20091105

DOCDB simple family (application)

FR 0757527 A 20070912; AT 08834750 T 20080905; AU 2008306796 A 20080905; BR PI0816853 A 20080905; EP 08834750 A 20080905; ES 08834750 T 20080905; FR 2008051586 W 20080905; US 67787008 A 20080905