

Title (en)

SEAFLOOR-SURFACE LINKING DEVICE COMPRISING A STABILISING ELEMENT

Title (de)

VERBINDUNGSELEMENT ZWISCHEN SEEBODEN UND OBERFLÄCHE MIT EINEM STABILISIERUNGSELEMENT

Title (fr)

DISPOSITIF DE LIAISON FOND-SURFACE COMPORTANT UN DISPOSITIF STABILISATEUR

Publication

EP 1250510 B1 20051026 (FR)

Application

EP 01907665 A 20010122

Priority

- FR 0100203 W 20010122
- FR 0000865 A 20000124

Abstract (en)

[origin: WO0153651A1] The invention concerns a seafloor-surface linking device comprising at least a submarine duct (1) including at least a floater (2), preferably several floaters in tulip fashion, said floaters consisting in cans enclosing said duct (1) located in the immersed upper part of the duct, said duct being maintained at the surface by a floater guiding element, preferably at the floating support (15). The invention is characterised in that it comprises at least a stabilising element (3) located in the duct upper zone consisting of: the lower part of the zone of floaters (4), preferably on or at the level of the lowest floater, and, the transition zone (5) between the floaters (4) and the running part with substantially constant diameter (6) of said duct (1).

IPC 1-7

E21B 17/01

IPC 8 full level

E21B 17/01 (2006.01)

CPC (source: EP KR US)

E21B 17/01 (2013.01 - KR); **E21B 17/012** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0153651 A1 20010726; AT E307956 T1 20051115; AU 3557801 A 20010731; BR 0107712 A 20021119; DE 60114365 D1 20051201; EP 1250510 A1 20021023; EP 1250510 B1 20051026; FR 2804162 A1 20010727; FR 2804162 B1 20020607; KR 20020081272 A 20021026; NO 20023420 D0 20020716; NO 20023420 L 20020716; OA 12140 A 20060505; US 2003000705 A1 20030102; US 6712559 B2 20040330

DOCDB simple family (application)

FR 0100203 W 20010122; AT 01907665 T 20010122; AU 3557801 A 20010122; BR 0107712 A 20010122; DE 60114365 T 20010122; EP 01907665 A 20010122; FR 0000865 A 20000124; KR 20027009458 A 20020723; NO 20023420 A 20020716; OA 1200200222 A 20010122; US 18117902 A 20020715