

Title (en)

METHOD FOR INSTALLATION AND IMPLEMENTATION OF A RIGID TUBE FROM A SHIP OR FLOATING SUPPORT

Title (de)

VERFAHREN ZUR INSTALLATION UND EINRICHTUNG EINES STARREN ROHRS VON EINEM SCHIFF ODER SCHWIMMENDEN TRÄGER

Title (fr)

PROCÉDÉ D'INSTALLATION ET MISE EN OEUVRE D'UN TUBE RIGIDE DEPUIS UN NAVIRE OU SUPPORT FLOTTANT

Publication

**EP 3134601 B1 20180801 (FR)**

Application

**EP 15725762 A 20150420**

Priority

- FR 1453762 A 20140425
- FR 2015051063 W 20150420

Abstract (en)

[origin: WO2015162363A1] The present invention relates to a method for installation and implementation of a rigid tube (10), referred to as the main tube, in which the following steps are performed; a) one end of said main tube is lowered from a ship or floating support (13) on the surface (14) to below sea level (14) to be connected there to a submerged submarine device (16), preferably on the seabed (17), and b) the main tube is then maintained submerged for a given period of time, characterised in that said main tube is passed (10) into a cylindrical opening (4) with circular cross-section of a stress limiting device, said opening comprising an internal slippery coating (3) rigidly attached to a rigid support structure (9) of said ship or floating support, the service tube thus being able to slide in contact against said slippery coating during steps a) and b).

IPC 8 full level

**E21B 17/01** (2006.01); **E21B 19/09** (2006.01); **E21B 19/22** (2006.01)

CPC (source: CN EP RU US)

**E21B 17/017** (2013.01 - CN EP RU US); **E21B 19/09** (2013.01 - CN EP RU US); **E21B 19/22** (2013.01 - CN EP RU US)

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 2015162363 A1 20151029**; AP 2016009421 A0 20160831; AU 2015250651 A1 20161020; AU 2015250651 B2 20170223; BR 112016024258 A2 20170815; BR 112016024258 B1 20220329; CN 106255801 A 20161221; CN 106255801 B 20191108; EP 3134601 A1 20170301; EP 3134601 B1 20180801; FR 3020396 A1 20151030; FR 3020396 B1 20160513; RU 2016145316 A 20180528; RU 2016145316 A3 20180528; RU 2664285 C2 20180816; US 10196861 B2 20190205; US 2017044838 A1 20170216

DOCDB simple family (application)

**FR 2015051063 W 20150420**; AP 2016009421 A 20150420; AU 2015250651 A 20150420; BR 112016024258 A 20150420; CN 201580022023 A 20150420; EP 15725762 A 20150420; FR 1453762 A 20140425; RU 2016145316 A 20150420; US 201515305963 A 20150420