

Title (en)

DEVICE FOR CONTROLLING STIFFENERS OF FLEXIBLE PIPES

Title (de)

VERFAHREN ZUR KONTROLLE DER VERSTEIFUNGEN VON BIEGSAMEN ROHREN

Title (fr)

DISPOSITIF DE CONTROLE POUR RAIDISSEURS DE CONDUITES FLEXIBLES

Publication

EP 1759085 B1 20071114 (FR)

Application

EP 05775317 A 20050608

Priority

- FR 2005001412 W 20050608
- FR 0406355 A 20040611

Abstract (en)

[origin: WO2006003308A1] The invention concerns a device for controlling stiffeners (18) of flexible marine pipes, said stiffeners (18) wherein are fitted said flexible pipes (10) are adapted to bend while limiting the curvature of said flexible pipes, said device comprising a deformable rigid rod (26, 34, 42) having a central axis (C), said deformable rigid rod being configured to be embedded in the thickness of said stiffener (18) substantially parallel to said pipe (10), at least two deformation sensors being maintained pressed against the periphery of said deformable rigid rod (26, 34, 42); said deformable rigid rod (26, 34, 42); being maintained locked in rotation about said central axis (C) in said stiffener (18).

IPC 8 full level

E21B 17/10 (2006.01); **E21B 17/01** (2006.01)

CPC (source: EP US)

E21B 17/017 (2013.01 - EP); **E21B 47/01** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2871511 A1 20051216; FR 2871511 B1 20060728; AT E378499 T1 20071115; AU 2005259096 A1 20060112; AU 2005259096 B2 20101209; BR PI0511946 A 20080129; DE 602005003364 D1 20071227; DK 1759085 T3 20080325; EP 1759085 A1 20070307; EP 1759085 B1 20071114; NO 20065432 L 20070226; NO 334201 B1 20140113; WO 2006003308 A1 20060112

DOCDB simple family (application)

FR 0406355 A 20040611; AT 05775317 T 20050608; AU 2005259096 A 20050608; BR PI0511946 A 20050608; DE 602005003364 T 20050608; DK 05775317 T 20050608; EP 05775317 A 20050608; FR 2005001412 W 20050608; NO 20065432 A 20061127