

Title (en)

BENDING RESTRICTOR ASSEMBLY FOR PERMANENTLY BENDING AND RESTRAINING OVALITY OF A SUBSEA PIPE

Title (de)

KRÜMMUNGSBESCHRÄNKUNGSANORDNUNG ZUR DAUERHAFTEN BIEGUNG UND RÜCKHALTUNG DER OVALITÄT EINES UNTERWASSERROHRS

Title (fr)

ENSEMBLE LIMITEUR DE COURBURE POUR COURBER DE FAÇON PERMANENTE UN TUYAU SOUS-MARIN ET LIMITER L'OVALISATION DE CE DERNIER

Publication

**EP 3649389 A4 20200708 (EN)**

Application

**EP 18844933 A 20180802**

Priority

- US 201715672815 A 20170809
- US 2018044925 W 20180802

Abstract (en)

[origin: WO2019032359A1] A bending restrictor assembly (20) has a pipeline section (22), a first overlying pipe section (28) having a wall (30) overlying a portion of the pipeline section (22) at one end thereof, a second overlying pipe section (32) having a wall (34) overlying another portion of the pipeline section at an opposite end thereof, and a plurality of cylindrical members (34, 38, 38) overlying the pipeline section (22) between the first and second overlying pipe sections. The first and second overlying pipe sections extend outwardly beyond the respective ends of the pipeline section. The bending restrictor assembly achieves a permanent bend and restricts ovality of a subsea pipe.

IPC 8 full level

**F16L 1/12** (2006.01); **F16L 1/16** (2006.01); **F16L 1/20** (2006.01); **F16L 57/02** (2006.01)

CPC (source: EP)

**F16L 1/123** (2013.01); **F16L 57/02** (2013.01)

Citation (search report)

- [XAI] US 8562255 B2 20131022 - PERSSON TOR [US]
- [XA] US 2017045177 A1 20170216 - PERSSON TOR [US]
- See references of WO 2019032359A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019032359 A1 20190214**; EP 3649389 A1 20200513; EP 3649389 A4 20200708

DOCDB simple family (application)

**US 2018044925 W 20180802**; EP 18844933 A 20180802