Title (en)

SYSTEMS AND METHODS FOR TETHERING A SUBSEA STRUCTURE

Title (de)

SYSTEME UND VERFAHREN ZUM FESTMACHEN EINER UNTERWASSERSTRUKTUR

Title (fr)

SYSTÈMES ET PROCÉDÉS D'ATTACHE D'UNE STRUCTURE SOUS-MARINE

Publication

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Application

EP 18748787 A 20180205

Priority

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- US 2018016821 W 20180205

Abstract (en)

[origin: WO2018144985A1] A tethering system includes an adapter configured to couple to an upper end of a subsea anchor, a tensioning system, and a flexible tension member having one end coupled to the tensioning system and the other end coupled to the adapter. The tensioning system is operable to pay in and pay out the flexible tension member relative to the tensioning system. The tensioning system can be mounted to the BOP frame, and tension can be applied via a locally or remotely placed winch assembly. Tension can also be applied by gripping the flexible tension member and pulling on the flexible tension member with a hydraulic cylinder.

IPC 8 full level

E21B 19/02 (2006.01); **E21B 19/08** (2006.01); **E21B 29/10** (2006.01); **E21B 33/035** (2006.01); **E21B 33/064** (2006.01); **E21B 41/00** (2006.01); **E21B 41/10** (2006.01)

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E21B 33/035 (2013.01 - EP); **E21B 33/038** (2013.01 - EP US); **E21B 33/064** (2013.01 - EP); **E21B 41/0007** (2013.01 - EP US); **E21B 41/04** (2013.01 - US); **E21B 43/017** (2013.01 - EP US); E21B 33/064 (2013.01 - US)

Citation (search report)

- [IY] US 9074447 B1 20150707 - COX BRENT [US]
- [YD] US 9359852 B2 20160607 - KEBADZE ELIZBAR BUBA [GB], et al
- [A] WO 2016118019 A1 20160728 - STATOIL PETROLEUM AS [NO]
- See also references of WO 2018144985A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2018144985 A1 20180809; BR 112019015560 A2 20200317; EP 3577307 A1 20191211; EP 3577307 A4 20201118; US 2020003025 A1 20200102

DOCDB simple family (application)

US 2018016821 W 20180205; BR 112019015560 A 20180205; EP 18748787 A 20180205; US 201816481731 A 20180205