

Title (en)

MOTION COMPENSATION FOR DRILL PIPE

Title (de)

BEWEGUNGSKOMPENSATION FÜR EIN BOHRGESTÄNGE

Title (fr)

COMPENSATION DE MOUVEMENT POUR UNE TIGE DE FORAGE

Publication

EP 3286405 A4 20181212 (EN)

Application

EP 16783858 A 20160421

Priority

- US 201562150725 P 20150421
- US 2016028654 W 20160421

Abstract (en)

[origin: WO2016172345A1] Systems and methods for performing drill pipe motion compensation are disclosed. A system may include a drill pipe and a marine riser pipe, and the marine riser pipe may be configured to support the weight of a drill pipe. A pipe holder may be coupled to the drill pipe and the marine riser pipe and may be configured to suspend the drill pipe on the marine riser pipe. A drill pipe support system may be coupled to the pipe holder and the marine riser pipe. The drill pipe support system, together with the pipe holder, may be configured to transfer the weight of the drill pipe to the marine riser pipe. The system may also include a plurality of wires coupled to the marine riser pipe. One or more tensioners may be configured to compensate for motion on the drill pipe by controlling tension on one or more of the plurality of wires coupled to the marine riser pipe.

IPC 8 full level

E21B 19/09 (2006.01); **E21B 19/00** (2006.01); **E21B 19/06** (2006.01)

CPC (source: EP KR US)

E21B 17/01 (2013.01 - KR); **E21B 19/006** (2013.01 - EP KR US); **E21B 19/06** (2013.01 - EP KR US)

Citation (search report)

- [XPA] WO 2015133896 A1 20150911 - ITREC BV [NL]
- [XPA] WO 2015094819 A2 20150625 - WEATHERFORD LAMB [US]
- See references of WO 2016172345A1

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 2016172345 A1 20161027; AU 2016252752 A1 20171109; BR 112017022804 A2 20180710; CA 2983290 A1 20161027; CN 108026759 A 20180511; EP 3286405 A1 20180228; EP 3286405 A4 20181212; JP 2018513290 A 20180524; KR 20180008508 A 20180124; SG 11201708574S A 20171129; US 2016312546 A1 20161027

DOCDB simple family (application)

US 2016028654 W 20160421; AU 2016252752 A 20160421; BR 112017022804 A 20160421; CA 2983290 A 20160421; CN 201680036308 A 20160421; EP 16783858 A 20160421; JP 2017554823 A 20160421; KR 20177033485 A 20160421; SG 11201708574S A 20160421; US 201615135128 A 20160421