

Title (en)
LOCKING MECHANISM

Title (de)
VERRIEGELUNGSMECHANISMUS

Title (fr)
MÉCANISME DE VERROUILLAGE

Publication
EP 2748404 B1 20150624 (EN)

Application
EP 12791258 A 20121011

Priority
• NO 20111377 A 20111011
• IB 2012055494 W 20121011

Abstract (en)
[origin: WO2013054274A2] A device for heave compensation of a tool unit (11) that is suspended via one or more wire means (6) from a mast (1) mounted on a platform (2), each wire means at a first end being attached to the mast via an attachment (10) and running via a first heave compensation unit (4, 5, 12), and each wire means (6) at its second end being attached to a second heave compensation unit (20; 20'; 20'') that is connected to the tool unit. The second heave compensation unit (20'; 20'') comprises a movable compensation means (31), which at its first end is attached to the wire means (6) and which at its second end is attached to the tool unit (11). The second heave compensation unit comprises a releasable locking means (30) with which the motions of the compensation means (31) can be selectively prevented and allowed. The locking means (30) comprises a locking bolt (87) with a central, narrowed portion (87b) and broad shoulder portions (87a) at each end of the locking bolt. The link element (33) comprises a hole (82) with a first portion (82a) and a second portion (82b), the first portion having a larger opening than the second portion.

IPC 8 full level
E21B 19/09 (2006.01)

CPC (source: EP US)
E21B 15/02 (2013.01 - US); **E21B 19/09** (2013.01 - EP 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 2013054274 A2 20130418; WO 2013054274 A3 20140213; AU 2012322312 A1 20140327; BR 112014008505 A2 20170425; CA 2849272 A1 20130418; CN 103874823 A 20140618; CN 103874823 B 20160120; EP 2748404 A2 20140702; EP 2748404 B1 20150624; KR 20140088143 A 20140709; NO 20111377 A1 20130412; US 2014238685 A1 20140828

DOCDB simple family (application)
IB 2012055494 W 20121011; AU 2012322312 A 20121011; BR 112014008505 A 20121011; CA 2849272 A 20121011; CN 201280050277 A 20121011; EP 12791258 A 20121011; KR 20147012572 A 20121011; NO 20111377 A 20111011; US 201214351098 A 20121011