

Title (en)

Drive unit with alignment means

Title (de)

Antriebseinheit mit Justiereinrichtung

Title (fr)

Unité d'entraînement avec un dispositif d'alignement

Publication

EP 2236734 B1 20110817 (DE)

Application

EP 09004988 A 20090403

Priority

EP 09004988 A 20090403

Abstract (en)

[origin: EP2236734A1] The unit (10) has a carriage (20) for moving a mast of a boring or construction device along a moving axis (12). External and interior tubing drives (30, 40) are provided for driving two tubular drill pipes around two longitudinal axes, respectively. Two drives are arranged on the carriage around a transverse axis (16) that runs perpendicular to the moving axis. The longitudinal axes run coaxially to each other to form a common drilling axle (14). An adjusting device adjusts one of the longitudinal axes of the two drives and changes the moving axis of the carriage.

IPC 8 full level

E21B 3/02 (2006.01); **E21B 7/00** (2006.01); **E21B 19/08** (2006.01)

CPC (source: EP US)

E21B 3/022 (2020.05 - EP US); **E21B 7/002** (2013.01 - EP); **E21B 19/08** (2013.01 - EP US)

Cited by

US10995563B2; US11136837B2; EP3456914A1; US10837231B2

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2236734 A1 20101006; **EP 2236734 B1 20110817**; AT E520857 T1 20110915; ES 2367556 T3 20111104

DOCDB simple family (application)

EP 09004988 A 20090403; AT 09004988 T 20090403; ES 09004988 T 20090403