

Title (en)
Drilling unit

Title (de)
Bohreinheit

Title (fr)
Unité de forage

Publication
EP 1881151 B1 20091223 (EN)

Application
EP 07013368 A 20070709

Priority
IT TO20060536 A 20060720

Abstract (en)
[origin: EP1881151A1] Drilling unit (1) provided with a top drive (10) which is mobile along a drilling axis (A) in order to move drilling rods, with two telescopic drilling masts (6) which are arranged facing each other, a cable device (30) and a hydraulic device (40) which co-operate with each other to move the top drive (10) along a support guide (5) which is parallel to the axis (A) and is arranged in an intermediate position in relation to the two drilling masts (6) for supporting and sliding the top drive (10) along the axis (A); a hydraulic actuator (41) for each drilling mast (6) being suitable for modifying a longitudinal length of the relative drilling mast (6) itself, and a control station (42) being suitable for controlling the actuation of each hydraulic actuator (41) either in contemporary or independent fashion.

IPC 8 full level
E21B 7/02 (2006.01); **E21B 15/00** (2006.01); **E21B 19/084** (2006.01)

CPC (source: EP US)
E21B 7/02 (2013.01 - EP US); **E21B 15/003** (2013.01 - EP US); **E21B 19/084** (2013.01 - EP US)

Cited by
FR2977271A1; RU2612048C1; CN101975028A; ITTO20130850A1; US2010146873A1; US8661744B2; US10662717B2; WO2013004956A1; WO2015056132A1; EP1990504A2

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DOCDB simple family (publication)
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