

Title (en)

Drilling device and method for horizontal drilling

Title (de)

Bohrvorrichtung und Verfahren zum Horizontalbohren

Title (fr)

Dispositif de forage et procédé de forage horizontal

Publication

EP 2505762 B1 20180214 (DE)

Application

EP 12001285 A 20120227

Priority

- EP 11002635 A 20110330
- EP 12001285 A 20120227

Abstract (en)

[origin: EP2505762A2] The drilling device (10) comprises a drilling head (20) and a drilling rod (30), on whose borehole- sided end, the drilling head is arranged. An inner rod (32) is provided, which is driven by a rotary drive (62) in a rotating manner, where an outer rod (34) is driven by another rotary drive (64). A control device is provided, by which the former and latter rotary drives are controlled and are adjusted independent to each other. A marking unit is arranged on an end of a drilling rod unit of the inner rod or the outer rod that is averted from the drilling head. An independent claim is included for a method for creating a horizontal drill hole with a drilling device.

IPC 8 full level

E21B 7/00 (2006.01); **E21B 7/04** (2006.01)

CPC (source: EP)

E21B 7/002 (2013.01); **E21B 7/046** (2013.01)

Cited by

CN102979455A; CN114161158A; CN114378334A; CN105729419A; CN117553761A; CN104295235A; EP3599340A1; US11180962B2; US11149501B2; CN106121546A; EP3708764A1; US10711520B2; US10711521B2; US10851588B2; US10961779B2; US11098530B2; US11808151B2

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