

Title (en)
Drilling device and drilling method

Title (de)
Bohrvorrichtung und Bohrverfahren

Title (fr)
Dispositif et procédé de forage

Publication
EP 2133507 B1 20110309 (DE)

Application
EP 08010846 A 20080613

Priority
EP 08010846 A 20080613

Abstract (en)
[origin: EP2133507A1] The device (10) has a drilling element (20) rotatably driven by a drilling drive (16) and moved along rods (12). The drilling element includes an endless screwing drill (22) and an extension (30), where the endless screwing drill is arranged below the drilling drive, and the extension is connected with the endless screwing drill and extends upwards by the drilling drive. A displacement head (40) is arranged between the extension and endless screwing drill, where the extension is formed of a kelly bar with a drive block (32) at an outer side of the drilling element. Independent claims are also included for the following: (1) a drilling method for creating a borehole (2) a method for manufacturing a foundation element.

IPC 8 full level
E21B 7/00 (2006.01); **E02D 5/34** (2006.01); **E21B 7/26** (2006.01)

CPC (source: EP US)
E02D 5/34 (2013.01 - EP US); **E21B 7/005** (2013.01 - EP US); **E21B 7/265** (2013.01 - EP US)

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