

Title (en)

Method and apparatus for driving a boring element into the ground

Title (de)

Bohrgerät und Verfahren zum Einbringen eines Bohrelementes in den Boden

Title (fr)

Procédé et dispositif d'enfoncement d'un outil de forage dans le sol

Publication

**EP 1518999 B1 20070523 (DE)**

Application

**EP 04020788 A 20040901**

Priority

DE 10344352 A 20030924

Abstract (en)

[origin: EP1518999A2] A drilling element driven by a rotary drive (12) fits on a mast (14) with a main mast (16) and a moving mast (15) so to rotate on and slide along the mast. A twisting device (30) has a split chuck twisted by an adjusting cylinder and fastens on the mast. It can also engage with the drilling element for torque support. The split chuck has two gripping claws. An independent claim is also included for a method for feeding a drilling equipment's drilling element into the ground.

IPC 8 full level

**E21B 3/02** (2006.01); **E02D 5/36** (2006.01); **E02D 5/56** (2006.01); **E02D 7/22** (2006.01); **E21B 3/03** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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