

Title (en)

DRILLING DEVICE AND METHOD FOR CREATING A HOLE IN THE SOIL

Title (de)

BOHRVORRICHTUNG UND VERFAHREN ZUM ERSTELLEN EINER BOHRUNG IM BODEN

Title (fr)

DISPOSITIF DE FORAGE ET PROCÉDÉ DE PRODUCTION D'UN TROU DANS LE SOL

Publication

**EP 3388620 B1 20190911 (DE)**

Application

**EP 17166397 A 20170412**

Priority

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Abstract (en)

[origin: WO2018189273A1] The invention relates to a boring device for producing a borehole (100) in the ground from a starting point (120) to a target point, along a boring line, comprising at least one first ground loosening means (11) arranged on the front end of the boring device (10), for loosening the ground from a heading face of the borehole in the heading direction during the heading process, a first receiving element (13) for the loosened ground (subsequent borings), and at least one conveyor means (15) for transporting the borings out of the first receiving element (13) out of the borehole, characterised in that the boring device is provided with at least one second ground loosening means (16) arranged on the rear end (14) of the boring device (10), for loosening ground from the wall (101) of the already created borehole in the return direction during the return out of the borehole, at least one second receiving element (17) for receiving borings during the return of the boring device, and at least one transport means (26) for transporting the borings out of the at least one second receiving element (17) to the conveyor means (15) or out of the borehole.

IPC 8 full level

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