

Title (en)

DRILLING DEVICE FOR SOIL OR ROCK DRILLING AND METHOD FOR RETROFITTING SUCH A DRILLING DEVICE

Title (de)

BOHRVORRICHTUNG ZUM ERD- ODER GESTEINSBOHREN SOWIE VERFAHREN ZUM NACHRÜSTEN EINER SOLCHEN BOHRVORRICHTUNG

Title (fr)

DISPOSITIF DE FORAGE DESTINÉ AU FORAGE DE TERRE OU DE ROCHE AINSI QUE PROCÉDÉ DE MISE À NIVEAU D'UN TEL DISPOSITIF DE FORAGE

Publication

**EP 3524771 B1 20200603 (DE)**

Application

**EP 18156426 A 20180213**

Priority

EP 18156426 A 20180213

Abstract (en)

[origin: CA3030840A1] The invention relates to a drilling device for earth or rock drilling having a mast, a drill drive with a drill drive shaft for driving a drill rod in a rotating manner, a drill drive carriage, which is supported in a movable manner along the mast and on which the drill drive is arranged, and an oscillation drive, which is designed for generating an oscillation, arranged behind the drill drive in a drilling direction 'and connected to the drill rod for transmitting an oscillation, wherein a rear connecting end of the drill drive shaft of the drill drive or the drill rod projects rearwards from the drill drive. According to the invention provision is made in that on the connecting end a rotary coupling with a first coupling piece, which is connected in an axially fixed and torque-proof manner to the connecting end of the drill drive shaft, and a second coupling piece, which is axially fixed and rotatable relative to the first coupling piece, is provided. Furthermore, provision is made in that the oscillation drive has a clamping means which is designed for releasably clamping the second coupling piece, wherein in the clamped state an axially fixed connection is formed between the oscillation drive and the second coupling piece.

IPC 8 full level

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