

Title (en)

DRILLING APPARATUS FOR MAKING A BOREHOLE WITH PIPE AND METHOD FOR OPERATING A DRILLING APPARATUS

Title (de)

BOHRGERÄT ZUM ERSTELLEN EINER VERROHRten BOHRUNG UND VERFAHREN ZUM BETREIBEN EINES BOHRGERÄTES

Title (fr)

APPAREIL DE FORAGE DESTINE A PRATIQUER UN FORAGE TUBE ET PROCEDE DE FONCTIONNEMENT D'UN APPAREIL DE FORAGE

Publication

**EP 3081737 B1 20180314 (DE)**

Application

**EP 16153082 A 20160128**

Priority

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Abstract (en)

[origin: US2016305234A1] The invention relates to a drilling apparatus for producing a cased bore with a first drill drive for driving a drill rod in a rotating manner, at the lower end of which a drilling tool for removing ground material is arranged, a mast, along which the first drill drive is movable with a sledge, and a second drive, with which a support tube for the bore can be introduced into the ground. According to the invention a computer unit is provided, in which a current drilling depth of the drilling tool and a depth of introduction of the support tube are indicated. Furthermore, a monitor is provided, on which the current drilling depth in relation to the depth of introduction of the support tube can be displayed by the computer unit. The invention further relates to a method for operating such a drilling apparatus.

IPC 8 full level

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Citation (opposition)

Opponent : ABI Anlagentechnik-Baumaschinen-Industriebedarf Maschinenfabrik und Vertriebsgesellschaft mbH

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- WO 2006012186 A1 20060202 - BAKER HUGHES INC [US], et al
- CN 1944939 A 20070411 - DONGFANG JAISHENG FOUNDATION M [CN]
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Opponent : Liebherr-Werk Nenzing GmbH

- EP 2468960 A1 20120627 - SOILMEC SPA [IT]
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US11230855B2; US10865583B2; EP3719246A1; US11319688B2; WO2020200770A1

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