

Title (en)

SOIL DRILLING DEVICE AND METHOD FOR DRILLING IN SOIL

Title (de)

ERDBOHRVORRICHTUNG UND VERFAHREN ZUM BOHREN IN ERDREICH

Title (fr)

DISPOSITIF DE FORAGE DU SOL ET PROCÉDÉ DE FORAGE DANS LA TERRE

Publication

**EP 3699391 B1 20220406 (DE)**

Application

**EP 20158158 A 20200219**

Priority

DE 102019001204 A 20190220

Abstract (en)

[origin: US2020263505A1] A ground drilling device for drilling in soil by means of a drill string, wherein the ground drilling device comprises a drilling carriage and a sled movable in translation on the drilling carriage, and on the sled there is arranged a holder a) for the screwed connection of a rod section to the drill string, or b) for the screwed detachment of a rod section from the drill string, wherein the holder can move in translation relative to the sled in order to compensate for a change in the position of the holder caused by the screwing process.

IPC 8 full level

**E21B 7/00** (2006.01); **E21B 7/20** (2006.01); **E21B 7/30** (2006.01)

CPC (source: EP US)

**E21B 7/00** (2013.01 - EP); **E21B 7/20** (2013.01 - EP); **E21B 7/30** (2013.01 - EP); **E21B 17/021** (2013.01 - US); **E21B 17/042** (2013.01 - US)

Citation (examination)

- EP 0190669 B1 19891123
- DE 4103196 C2 19940609 - TRACTO TECHNIK [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 3699391 A1 20200826; EP 3699391 B1 20220406**; AU 2020201060 A1 20200903; AU 2020201060 B2 20211007; DE 102019001204 A1 20200820; US 11187046 B2 20211130; US 2020263505 A1 20200820

DOCDB simple family (application)

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