

Title (en)
EARTH BORING DEVICE, SYSTEM COMPRISING AN EARTH BORING DEVICE, EARTH BORING METHOD AND USE OF AN EARTH BORING DEVICE

Title (de)
ERDBOHRVORRICHTUNG, SYSTEM UMFASSEND EINE ERDBOHRVORRICHTUNG, VERFAHREN ZUM ERDBOHREN UND VERWENDUNG EINER ERDBOHRVORRICHTUNG

Title (fr)
DISPOSITIF DE FORAGE DU SOL, SYSTÈME COMPRENANT UN DISPOSITIF DE FORAGE DU SOL, PROCÉDÉ DE FORAGE DU SOL ET UTILISATION D'UN DISPOSITIF DE FORAGE DU SOL

Publication
EP 3699393 B1 20230215 (DE)

Application
EP 20158147 A 20200219

Priority
DE 102019001203 A 20190220

Abstract (en)
[origin: AU2020201159A1] Abstract: The invention relates to a ground drilling device having a drilling carriage, which defines a drill string axis, a first drill rod magazine for a plurality of rod sections and a transfer device for the transfer of a rod section between the first drill rod magazine and a position of the rod section along the drill string axis, wherein at least a first connection element is arranged at the first rod magazine and/or at the drilling carriage for the connecting of the first rod magazine to a second rod magazine such that the second rod magazine is arranged next to the first rod magazine. Fig. 3

IPC 8 full level
E21B 19/15 (2006.01); **E21B 7/02** (2006.01); **E21B 7/04** (2006.01)

CPC (source: EP US)
E21B 7/02 (2013.01 - EP); **E21B 7/046** (2013.01 - EP); **E21B 19/15** (2013.01 - EP US); **E21B 19/20** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3699393 A1 20200826; **EP 3699393 B1 20230215**; AU 2020201159 A1 20200903; AU 2020201159 B2 20211216; DE 102019001203 A1 20200903; US 11156040 B2 20211026; US 2020284108 A1 20200910

DOCDB simple family (application)
EP 20158147 A 20200219; AU 2020201159 A 20200218; DE 102019001203 A 20190220; US 202016786306 A 20200210