

Title (en)

EARTH AUGER DRILLING DEVICE AND METHOD FOR AUTOMATIC DRILLING OF HOLES IN THE GROUND

Title (de)

ERDBOHRGERÄT UND VERFAHREN ZUM AUTOMATISCHEN BOHREN VON LÖCHERN IN DEN BODEN

Title (fr)

DISPOSITIF ET PROCEDE DE PERÇAGE AUTOMATIQUE DE TROUS DANS LE SOL

Publication

EP 4123118 A1 20230125 (EN)

Application

EP 22185664 A 20220719

Priority

BE 202105568 A 20210720

Abstract (en)

The invention relates to an earth drilling device for automatically performing a drilling operation, comprising:- an earth drill comprising one or more earth drill pipes;- a drive;- a rotatable storage device for storing the earth drill pipes which are provided with a connecting end having an end diameter greater than a pipe diameter of a main part of the earth drill pipe, and provided with:- a central shaft;- at least one holder arranged on the central shaft and extending to a peripheral edge provided with receiving openings for receiving an earth drill pipe;- at least one displacing arm provided with a gripper hand with fingers; characterized in that a distance between the receiving openings, as seen in a direction along the peripheral edge, and a thickness of the fingers are equal to the difference between the diameter of the connecting end and the diameter of the main part. The invention further relates to a method for automatically performing a ground drilling.

IPC 8 full level

E21B 19/14 (2006.01)

CPC (source: EP)

E21B 7/02 (2013.01); **E21B 19/146** (2013.01)

Citation (search report)

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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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4123118 A1 20230125; BE 1029609 A1 20230213; BE 1029609 B1 20230220

DOCDB simple family (application)

EP 22185664 A 20220719; BE 202105568 A 20210720