

Title (en)

DRILL HEAD OF AN EARTH BORING DEVICE, METHOD FOR MANUFACTURING AN EARTH BORING DEVICE AND USE OF A DRILL HEAD ARRANGEMENT OF AN EARTH BORING DEVICE

Title (de)

BOHRKOPF EINER ERDBOHRVORRICHTUNG, VERFAHREN ZUM HERSTELLEN EINES BOHRKOPFS EINER ERDBOHRVORRICHTUNG UND VERWENDUNG EINES BOHRKOPFS EINER ERDBOHRVORRICHTUNG

Title (fr)

TÊTE DE PERÇAGE D'UNE TARIÈRE, PROCÉDÉ DE FABRICATION D'UNE TÊTE DE PERÇAGE D'UNE TARIÈRE ET UTILISATION D'UNE TÊTE DE PERÇAGE D'UNE TARIÈRE

Publication

EP 4116539 B1 20240306 (DE)

Application

EP 22181842 A 20220629

Priority

DE 102021003448 A 20210705

Abstract (en)

[origin: US2023003087A1] The invention relates to a drill head of a ground drilling device having a drill bit and an attachment which can be fastened to the drill bit, wherein at least one dowel pin is provided for holding the attachment on the drill bit, and the drill bit has one or more receptacles for a dowel pin, wherein the receptacle is enlarged with respect to the radius of the dowel pin.

IPC 8 full level

E21B 4/14 (2006.01)

CPC (source: EP US)

E21B 4/145 (2013.01 - EP); **E21B 10/62** (2013.01 - US); **E21B 17/0465** (2020.05 - 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 4116539 A1 20230111; **EP 4116539 B1 20240306**; AU 2022204803 A1 20230119; DE 102021003448 A1 20230105; US 11970909 B2 20240430; US 2023003087 A1 20230105

DOCDB simple family (application)

EP 22181842 A 20220629; AU 2022204803 A 20220705; DE 102021003448 A 20210705; US 202217856065 A 20220701