

Title (en)

TWO-CENTRE ROTARY BORING BIT AND METHOD FOR DEEPENING AN EXISTING WELL

Title (de)

BIZENTRISCHER ROTIERENDER BOHRMEISSEL UND VERFAHREN ZUM VERTIEFEN EINER BESTEHENDEN BOHRLOCHES

Title (fr)

TREPAN ROTATIF BI-CENTRE ET PROCEDE POUR L'APPROFONDISSEMENT D'UN PUIITS PREEXISTANT

Publication

EP 2721242 A2 20140423 (FR)

Application

EP 12732786 A 20120614

Priority

- BE 201100371 A 20110616
- EP 2012002510 W 20120614

Abstract (en)

[origin: WO2012171643A2] Two-centre rotary boring bit for boring wells, comprising, on the one hand, a pilot tool (1) comprising a body of revolution with an axial core (3) and radial blades (4) bearing cutting elements (5) and, on the other hand, an enlarging tool (2) fitted behind the pilot tool and laterally offset therefrom, the pilot tool having, on its front face, a central region (11) that has no cutting elements in order to allow the creation of a core sample (12), said central region being in communication with a cavity (13) situated between two blades (4) of the pilot tool (1) and serving to remove the core sample toward the periphery of the boring bit.

IPC 8 full level

E21B 10/26 (2006.01)

CPC (source: EP US)

E21B 10/265 (2020.05 - EP US)

Citation (search report)

See references of WO 2012171643A2

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)

WO 2012171643 A2 20121220; WO 2012171643 A3 20130718; BE 1020012 A3 20130305; EP 2721242 A2 20140423; EP 2721242 B1 20160120; US 2014131111 A1 20140515

DOCDB simple family (application)

EP 2012002510 W 20120614; BE 201100371 A 20110616; EP 12732786 A 20120614; US 201214125413 A 20120614