

Title (en)

SOIL PROCESSING TOOL AND METHOD FOR CREATING A HOLE IN THE SOIL

Title (de)

BODENBEARBEITUNGSWERKZEUG UND VERFAHREN ZUM HERSTELLEN EINER BOHRUNG IM BODEN

Title (fr)

OUTIL DE TRAITEMENT DE SOL ET PROCÉDÉ DE PRODUCTION D'UN TROU DANS LE SOL

Publication

EP 3361040 B1 20191127 (DE)

Application

EP 17155833 A 20170213

Priority

EP 17155833 A 20170213

Abstract (en)

[origin: CA2993084A1] The invention relates to a ground processing tool and a method for creating a borehole in the ground, wherein ground material is removed by the ground processing tool and blended with a fluid in the created borehole to form a suspension, which is suctioned away via at least one opening in the at least one mixing blade and via the conducting channel in the central shaft.

IPC 8 full level

E21B 10/60 (2006.01); **E21B 10/44** (2006.01)

CPC (source: CN EP US)

E21B 7/00 (2013.01 - US); **E21B 10/44** (2013.01 - CN EP US); **E21B 10/60** (2013.01 - CN EP US); **E21B 10/61** (2013.01 - CN);
E21B 21/00 (2013.01 - CN EP US)

Citation (examination)

- EP 1045073 A1 20001018 - TREVI SPA [IT]
- EP 1600560 A1 20051130 - SMET F & C [BE]

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 3361040 A1 20180815; EP 3361040 B1 20191127; CA 2993084 A1 20180813; CA 2993084 C 20200331; CN 108425629 A 20180821;
CN 108425629 B 20210209; US 10458184 B2 20191029; US 2018230748 A1 20180816

DOCDB simple family (application)

EP 17155833 A 20170213; CA 2993084 A 20180126; CN 201810149406 A 20180213; US 201815885425 A 20180131