

Title (en)

CUTTER FOR MAKING A DIAPHRAGMA WALL AND METHOD OF MAKING SUCH WALL

Title (de)

SCHLITZWANDFRÄSE UND VERFAHREN ZUM ERSTELLEN EINES FRÄSSCHLITZES IM BODEN

Title (fr)

FOREUSE POUR FAIRE UNE MUR DE DIAPHRAGMA ET PROCÉDÉ POUR FAIRE UNE MUR DE DIAPHRAGMA

Publication

EP 3556942 B1 20200429 (DE)

Application

EP 18167973 A 20180418

Priority

EP 18167973 A 20180418

Abstract (en)

[origin: US2019323200A1] The invention relates to a trench cutter for producing a cut trench in the soil with a cutter frame, at least one pair of cutting wheels which are supported and driven in a rotatable manner on a lower end of the cutter frame, wherein each cutting wheel has a plurality of cutting teeth along its external circumference, and a discharge means with at least one discharge pump for discharging a cutting fluid from the cut trench in the region of the cutting wheels. According to the invention a switchover means is provided which is designed for switching the discharge means over to a flushing operation, in which a fluid flow generated by at least one discharge pump of the discharge means is generated onto at least one cutting wheel for flushing out the cutting wheel.

IPC 8 full level

E02D 17/13 (2006.01); **E02F 3/20** (2006.01)

CPC (source: CN EP KR US)

E02D 17/13 (2013.01 - EP KR); **E02F 3/10** (2013.01 - US); **E02F 3/205** (2013.01 - EP KR); **E02F 3/248** (2013.01 - KR US); **E02F 5/08** (2013.01 - CN)

Cited by

EP4286593A1; WO2023232393A1; EP4086390A1; WO2022233672A1; CN111441410A

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 3556942 A1 20191023; **EP 3556942 B1 20200429**; CN 110387918 A 20191029; CN 110387918 B 20220311; JP 2019190268 A 20191031; JP 6725722 B2 20200722; KR 102311859 B1 20211012; KR 20190121706 A 20191028; US 11286637 B2 20220329; US 2019323200 A1 20191024

DOCDB simple family (application)

EP 18167973 A 20180418; CN 201910312717 A 20190418; JP 2019078628 A 20190417; KR 20190045178 A 20190418; US 201916383708 A 20190415