

Title (en)

Guide frame for guiding a milling device

Title (de)

Führungsrahmen zum Führen einer Fräsvorrichtung

Title (fr)

Cadre de guidage pour guider un dispositif de fraisage

Publication

EP 2703564 B1 20160427 (DE)

Application

EP 12006165 A 20120830

Priority

EP 12006165 A 20120830

Abstract (en)

[origin: EP2703564A1] The guide frame (30) has a framework (32), which is inserted into the pipe and comprises a guide, along which the milling device is displaced. A clamping unit (40) is provided for clamping and fixing the framework in the pipe, and an adjusting unit (60) is provided, with which the milling device is adjusted within the pipe in a transverse direction relative to the pipe axis. The adjusting unit comprises a rotating unit (62), by which the milling device is rotated within the pipe. Independent claims are included for the following: (1) a device for removing soil within a pipe partially incorporated into the ground; and (2) a method for anchoring a pipe in the ground.

IPC 8 full level

E02D 7/28 (2006.01); **E21B 4/18** (2006.01)

CPC (source: EP KR US)

E02D 7/00 (2013.01 - US); **E02D 7/28** (2013.01 - EP US); **E02D 9/04** (2013.01 - KR); **E02D 13/04** (2013.01 - KR); **E02D 17/13** (2013.01 - EP); **E21B 4/18** (2013.01 - EP US); **E02D 13/04** (2013.01 - US); **E02D 13/08** (2013.01 - US); **E02D 2600/00** (2013.01 - KR)

Cited by

EP3272946A1; EP3473775A1; EP4083325A1; US10697147B2; WO2019076865A1; US11220800B2; WO2017042499A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2703564 A1 20140305; **EP 2703564 B1 20160427**; CN 103669353 A 20140326; CN 103669353 B 20170111; KR 101673286 B1 20161107; KR 20140029276 A 20140310; KR 20160084821 A 20160714; US 2014064857 A1 20140306; US 9297137 B2 20160329

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EP 12006165 A 20120830; CN 201310612814 A 20130830; KR 20130102808 A 20130829; KR 20160080730 A 20160628; US 201314012959 A 20130828