

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 A1 20140305 (DE)

Application
EP 12006165 A 20120830

Priority
EP 12006165 A 20120830

Abstract (en)
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.

Abstract (de)
Die Erfindung betrifft einen Führungsrahmen zum Führen einer Fräsvorrichtung (12) innerhalb eines in den Boden eingebrachten Rohres (4), mit einem Rahmengestell (32), welches in das Rohr (4) einsetzbar ist und eine Führung (36) aufweist, entlang welcher die Fräsvorrichtung (12) verschiebbar ist, einer Spanneinrichtung (40) zum Verspannen und Festlegen des Rahmengestells (32) in dem Rohr (4) und einer Verstelleinrichtung (60), mit welcher die Fräsvorrichtung (12) in einer Querrichtung zur Rohrachse (5) innerhalb des Rohres (4) verstellbar ist. Des Weiteren betrifft die Erfindung ein Verfahren zum Verankern eines Rohres (4) im Boden.

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)

Citation (search report)

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Designated contracting state (EPC)
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