

Title (en)

Method for fixing soil sections and device for executing the method

Title (de)

Verfahren zum Verfestigen von Bodenabschnitten und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé destiné à la fixation de sections de sol et dispositif destiné à l'exécution du procédé

Publication

EP 2080836 A3 20120711 (DE)

Application

EP 09000653 A 20090119

Priority

DE 102008005452 A 20080121

Abstract (en)

[origin: EP2080836A2] The method involves drilling an external bore rod (1) into a base (15), where the rod is equipped with a bore-crown (3) at bottom. A coat mixture (16) is inserted directly during boring or after the achievement of an end boring depth by the rod and the bore-crown. An injection medium (18) is injected into an injection tube (4) of an inserted packer (19) after pulling of an interior rod, where the injection tube of the inserted packer remains in the base as a trailing boring- and injection tube with the bore-crown. An independent claim is also included for a device for reinforcement of base sections.

IPC 8 full level

E02D 5/76 (2006.01); **E02D 3/12** (2006.01)

CPC (source: EP)

E02D 3/12 (2013.01); **E02D 5/76** (2013.01)

Citation (search report)

- [A] DE 10148683 C1 20021024 - SCHMIDT & CO GMBH KRANZ [DE]
- [A] FR 2290616 A1 19760604 - SOLETANCHE [FR], et al
- [A] DE 9004177 U1 19900628

Cited by

CN113668503A; CN107816041A; CN107096793A; CN115419291A; IT201800007020A1; EP2806070A1; CN111321735A; US11535998B2; WO2020011414A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2080836 A2 20090722; EP 2080836 A3 20120711; EP 2080836 B1 20130828; DE 102008005452 A1 20090730; DE 102008005452 B4 20091231

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