

Title (en)

A method for anchoring an elongate rectilinear element into the ground

Title (de)

Verfahren zur Verankerung eines länglichen, geradlinigen Elements in den Boden

Title (fr)

Procédé d'ancrage d'un élément rectiligne prolongé dans le sol

Publication

EP 2107165 A1 20091007 (EN)

Application

EP 09156748 A 20090330

Priority

IT TO20080246 A 20080331

Abstract (en)

An elongate rectilinear rigid member (10) is arranged, consisting of a rod (11) connected to or rested against an enlarged bottom member (12). A driving tube (21) is arranged around the rod (11), with a lower edge of the tube abutting against the enlarged bottom member (12). The assembly of elongate member (10) and driving tube (21) is controlled by a thrust, or percussion, or roto-percussion, or vibration movement, or a combination thereof, so as to drive the member (10) in the soil. A hole (F) is obtained, which is drilled around the rod (11). The driving tube (21) is removed from the hole, and a consolidating mixture is optionally injected in the hole drilled around the rod (11).

IPC 8 full level

E02D 5/38 (2006.01)

CPC (source: EP)

E02D 3/10 (2013.01); **E02D 7/18** (2013.01); **E02D 17/20** (2013.01)

Citation (search report)

- [X] BE 754765 A 19710118 - FUNDEX PVBA
- [X] US 2006088388 A1 20060427 - WISSMANN KORD J [US], et al
- [X] AT 388406 B 19890626 - BACS MEGYEI ALLAMI EPITOIPARI [HU]
- [X] US 3198857 A 19650803 - CHILDERS ROBERT W, et al

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)

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