

Title (en)

Method and apparatus for a footing in the ground opposing lateral and slipping efforts

Title (de)

Verfahren und Vorrichtung für einen sich Seitwärts- und Rutschkräften entgegenstellenden Gründungskörper

Title (fr)

Procédé et dispositif d'embase dans le sol s'opposant aux efforts latéraux et au glissements

Publication

EP 0884420 A1 19981216 (FR)

Application

EP 98430017 A 19980610

Priority

FR 9707599 A 19970613

Abstract (en)

The ground anchor has a base (1) to support an above-ground structure, and a line (2) connecting the base to an anchoring element (3) driven into the ground (4) through a hole (11), with an elastic element (81,82) to apply a tension to the upper end of the line. A projection (123) on the underside of the base is fitted into the top of the hole (11), and the line is taken through a hole in the bottom of the projection and immobilised by a given pressure from the elastic elements. The hole (11) is of greater diameter than the line (2), and once the anchoring element has been positioned in the ground and the line tensioned the hole is filled with a dense and quasi-incompressible material.

IPC 1-7

E02D 27/28; **E02D 27/50**; **E02D 5/80**; **E01F 9/011**

IPC 8 full level

E01F 9/011 (2006.01); **E02D 5/80** (2006.01); **E02D 27/28** (2006.01); **E02D 27/50** (2006.01)

CPC (source: EP)

E01F 9/685 (2016.02); **E02D 5/803** (2013.01); **E02D 5/808** (2013.01); **E02D 27/28** (2013.01); **E02D 27/50** (2013.01)

Citation (applicant)

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Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0884420 A1 19981216; FR 2764618 A1 19981218; FR 2764618 B1 19990903

DOCDB simple family (application)

EP 98430017 A 19980610; FR 9707599 A 19970613