

Title (en)

Screw equipment for digging to construct diaphragms

Title (de)

Bohrwerkzeug zur Herstellung einer Schlitzwand

Title (fr)

Outil de forage pour réalisation de parois de tranchées

Publication

**EP 1614813 A1 20060111 (EN)**

Application

**EP 05014615 A 20050706**

Priority

IT TO20040458 A 20040706

Abstract (en)

A screw equipment for digging to construct diaphragms is made up of a plurality of substantially vertical tubes set alongside one another (1), each containing a continuous screw (2), the top end of each screw being set in rotation by means of a motor assembly (3), whilst the bottom end (5) is provided with appropriate tools for breaking down the soil (4).

IPC 8 full level

**E02D 17/13** (2006.01)

CPC (source: EP)

**E02D 17/13** (2013.01)

Citation (applicant)

US 5007770 A 19910416 - SIMMONS ROBERT J [US], et al

Citation (search report)

- [DXY] US 5007770 A 19910416 - SIMMONS ROBERT J [US], et al
- [Y] EP 0020779 A1 19810107 - TAKENAKA KOMUTEN CO [JP], et al
- [Y] GB 2270329 A 19940309 - CEMENTATION PILING & FOUND [GB]

Cited by

GB2477792A; GB2477792B; EP2848740A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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**EP 1614813 A1 20060111**; EP 2098642 A1 20090909; EP 2098642 B1 20120613; ES 2389677 T3 20121030; IT TO20040458 A1 20041006

DOCDB simple family (application)

**EP 05014615 A 20050706**; EP 09008797 A 20050706; ES 09008797 T 20050706; IT TO20040458 A 20040706