

Title (en)

Device for making a trenchwall by soil mixing

Title (de)

Vorrichtung zur Herstellung einer Schlitzwand aus einer Mischung von Boden und Bindemittel

Title (fr)

Installation de réalisation de paroi enterrée par mélange du sol avec un liant et procédé de correction de trajectoire de la tête de forage d'une telle installation

Publication

EP 1746213 A1 20070124 (FR)

Application

EP 06116711 A 20060706

Priority

FR 0507754 A 20050721

Abstract (en)

The installation has a translation displacement head sliding along a vertical mast for driving a kelly (18) along a vertical direction. A soil drilling and mixing head (20) is fixed to lower end of kelly, where the head (20) has rotating tools (22, 24) whose axles are parallel between them and parallel to horizontal direction. Flaps (50, 52) are mounted at end of the kelly for controlling angulation of the head (20) with respect to the vertical of the head (20) around an axis orthogonal to the direction. An independent claim is also included for a method of correcting trajectory of mixing and drilling head of a buried wall making installation.

IPC 8 full level

E02D 17/13 (2006.01); **E02F 3/26** (2006.01)

CPC (source: EP)

E02D 17/13 (2013.01); **E02F 3/205** (2013.01); **E02F 3/26** (2013.01)

Citation (search report)

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- [YA] EP 0593355 A1 19940420 - DU SOL COMP [FR]
- [A] US 5707182 A 19980113 - LEFFER MICHAEL [DE]
- [A] JP H0673735 A 19940315 - HAZAMA GUMI
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 404 (M - 1646) 28 July 1994 (1994-07-28)

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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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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