

Title (en)

Device for moving a tool for excavating soil suspended vertically

Title (de)

Vorrichtung zum Bewegen eines vertikal hängenden Werkzeugs zum Aushub von Erde

Title (fr)

Dispositif de déplacement d'un outil pour l'excavation du sol suspendu verticalement

Publication

**EP 2184403 A1 20100512 (EN)**

Application

**EP 09013142 A 20091019**

Priority

IT TO20080815 A 20081105

Abstract (en)

A device (3) (3') for moving an excavating tool (1) for excavating soil that is suspended vertically having a first body (3a) fixed to the tool (1) and a second body (6), which rotates with respect to the first body (3a); the device (3)(3') moreover comprises constraint means (6b), fixed to the second body (6), for fixing the device (3) (3') to suspension structures (30). Rotation means (4, 5) (10) enable a movement of rototranslation between the first body (3a) and the second body (6). The movement of rototranslation is originated by the force of gravity that acts on the masses of the tool (1).

IPC 8 full level

**E02F 3/22** (2006.01); **E02F 3/413** (2006.01); **E02F 3/36** (2006.01)

CPC (source: EP)

**E02F 3/22** (2013.01); **E02F 3/3681** (2013.01); **E02F 3/413** (2013.01)

Citation (applicant)

- EP 0826835 A1 19980304 - SOL COMP DU [FR]
- EP 0592325 A1 19940413 - DU SOL COMP [FR]

Citation (search report)

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- [AD] EP 0826835 A1 19980304 - SOL COMP DU [FR]
- [AD] EP 0592325 A1 19940413 - DU SOL COMP [FR]
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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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2184403 A1 20100512**; **EP 2184403 B1 20110831**; AT E522670 T1 20110915; IT 1391620 B1 20120111; IT TO20080815 A1 20100506

DOCDB simple family (application)

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