

Title (en)

Device for cutting trenches in the ground and method for producing a trench

Title (de)

Schlitzwandgerät und Verfahren zum Erstellen eines Schlitzes im Boden

Title (fr)

Fraiseuse à rideau souterrainet procédé pour creuser des tranchées dans le sol

Publication

EP 1790779 A1 20070530 (DE)

Application

EP 05025692 A 20051124

Priority

EP 05025692 A 20051124

Abstract (en)

Slotted wall device has a reworking device which has a frame (20) at which lower sided means is arranged for processing of soil ground. A means is provided for approximately vertical directed kneeling of reworking device. A measuring device e.g. gyroscope (2) is provided for determination of rotary position of reworking device around plumb line (50). An independent claim is also included for the method for building a slot in the soil.

IPC 8 full level

E02D 17/13 (2006.01); **E02F 3/20** (2006.01)

CPC (source: EP)

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

Citation (applicant)

EP 0903443 A2 19990324 - BAUER SPEZIALTIEFBAU [DE]

Citation (search report)

- [XY] FR 2785946 A1 20000519 - SPIE FOUNDATIONS [FR]
- [Y] EP 1162317 A2 20011212 - KOBELCO CONSTR MACHINERY LTD [JP]
- [A] US 2005000123 A1 20050106 - ARZBERGER MAXIMILIAN [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 08 30 August 1996 (1996-08-30)

Cited by

CN102146686A; EP4033032A1; US10119368B2; WO2022156948A1

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)

EP 1790779 A1 20070530; EP 1790779 B1 20090107; AT E420249 T1 20090115; DE 502005006435 D1 20090226; ES 2319310 T3 20090506; JP 2007146642 A 20070614; JP 4495716 B2 20100707

DOCDB simple family (application)

EP 05025692 A 20051124; AT 05025692 T 20051124; DE 502005006435 T 20051124; ES 05025692 T 20051124; JP 2006316497 A 20061124