

Title (en)

Method of making concrete underground walls and device therefor

Title (de)

Verfahren zum Herstellen einer Schlitzwand im Boden und einer Schlitzwandfräsvorrichtung

Title (fr)

Procedée et appareil d'excavation à benne preneuse

Publication

**EP 1630297 A1 20060301 (DE)**

Application

**EP 04019861 A 20040820**

Priority

EP 04019861 A 20040820

Abstract (en)

The method involves positioning a milling wheel of a slotted barrier milling cutter through a drive in rotary motion. The slotted barrier milling cutter is inserted into the soil (8). Soil material is cleared and a milling slot is produced. The milling slot is padded with a binding suspension. The milling slot is attached to the soil in an acute angle through a linear guiding device (2) and the slot is spurred. Independent claims are also included for the following: (A) a slotted barrier milling device for building a slotted barrier (B) an underpinning in the soil with a slotted barrier.

IPC 8 full level

**E02D 17/13** (2006.01); **E02F 3/18** (2006.01)

CPC (source: EP)

**E02D 17/13** (2013.01)

Citation (search report)

- [A] EP 0518298 A1 19921216 - BAUER SPEZIALTIEFBAU [DE]
- [A] EP 0553378 A1 19930804 - HOCHTIEF AG HOCH TIEFBAUTEN [DE]
- [A] EP 0791690 A1 19970827 - SOILMEC SPA [IT]
- [A] EP 0533558 A1 19930324 - SOL COMP DU [FR]

Cited by

FR2944299A1; ITTO20090988A1; AU2010333408B2; US8931978B2; WO2010116081A1; WO2011072783A3; EP2417304B1

Designated contracting state (EPC)

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