

Title (en)

Method of making a sloted wall in ground and device therefor

Title (de)

Vorrichtung und Verfahren zum Erstellen einer Schlitzwand im Erdboden

Title (fr)

Procédé et appareil pour creuser des tranchées dans le sol

Publication

**EP 1640509 A1 20060329 (DE)**

Application

**EP 04019987 A 20040823**

Priority

EP 04019987 A 20040823

Abstract (en)

The cutter (1) has lower and upper cutting/mixing wheels (22,32) arranged at the bottom and top of a frame (10) respectively. An intermediate portion of the frame is set between the wheels and is formed with smaller cross-section relative to the cutting cross-section of the lower cutting/mixing wheels. An independent claim is also included for method for forming trench wall.

IPC 8 full level

**E02D 17/13** (2006.01); **E02D 19/18** (2006.01)

CPC (source: EP KR US)

**E02D 17/13** (2013.01 - EP US); **E02F 3/205** (2013.01 - EP US); **E02F 5/02** (2013.01 - KR); **E02F 5/08** (2013.01 - KR)

Citation (search report)

- [A] EP 0811724 A1 19971210 - SOL COMP DU [FR]
- [A] US 4694915 A 19870922 - BAUER KARLHEINZ [DE], et al
- [A] EP 0446712 A1 19910918 - CASAGRANDE SPA [IT]
- [A] US 3894587 A 19750715 - SOURICE CLAUDE
- [A] DE 4008207 A1 19900823 - BILFINGER BERGER BAU [DE]

Cited by

RU2473740C2; US8640364B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**US 2006037218 A1 20060223; US 7363733 B2 20080429;** CA 2513826 A1 20060223; CA 2513826 C 20090512; CN 100434599 C 20081119; CN 1739328 A 20060301; DE 502004005279 D1 20071129; EP 1640509 A1 20060329; EP 1640509 B1 20071017; EP 1640509 B2 20140305; JP 2006057446 A 20060302; JP 4109687 B2 20080702; KR 100738896 B1 20070712; KR 20060053194 A 20060519; RU 2005125079 A 20070220; RU 2304197 C2 20070810; SG 120233 A1 20060328

DOCDB simple family (application)

**US 18984805 A 20050727;** CA 2513826 A 20050726; CN 200510096632 A 20050823; DE 502004005279 T 20040823; EP 04019987 A 20040823; JP 2005235603 A 20050816; KR 20050076604 A 20050822; RU 2005125079 A 20050808; SG 200504679 A 20050728