

Title (en)

Device for making a slot in the soil during the construction of a sealing or protecting wall

Title (de)

Vorrichtung zum Einbringen eines Bodenschlitzes im Zuge der Herstellung einer Dicht- oder Stützwand

Title (fr)

Dispositif pour former une tranchée dans le sol pendant la construction d'un mur de soutien ou d'étanchéité

Publication

EP 0553378 B1 19960103 (DE)

Application

EP 92101494 A 19920130

Priority

EP 92101494 A 19920130

Abstract (en)

[origin: EP0553378A1] A device for making an essentially vertical slot, filled with supporting liquid, in the soil during the construction of a sealing or supporting wall is provided with a cutting unit (100) which has at its bottom end two cutting wheels (101) which are arranged one behind the other and are mounted in such a way that they can be driven in opposite directions about parallel horizontal axes (102) and between which an intake connection (103) of a discharge line (104) for released soil material is arranged. In such a device, it is possible to control the position of the cutting unit (100) if the cutting unit (100) is held and guided in such a way as to be movable up and down on a mast supporting framework (300) via a supporting tube (200) of supporting-tube sections (201) coupled to one another in such a way as to be locked against rotation.

IPC 1-7

E02F 3/18; **E02F 9/02**; **E02F 9/04**; **E02F 3/24**

IPC 8 full level

E02F 3/20 (2006.01); **E02F 3/24** (2006.01); **E02F 9/02** (2006.01); **E02F 9/04** (2006.01)

CPC (source: EP)

E02F 3/205 (2013.01); **E02F 3/246** (2013.01); **E02F 9/02** (2013.01); **E02F 9/04** (2013.01)

Citation (examination)

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- WO 8802435 A1 19880407 - PEZZIMENTI & SONS PTY LTD G [AU]
- DE 1634262 B1 19700924 - BADE & CO GMBH
- DE 3602387 C1 19870604 - HOCHTIEF AG HOCH TIEFBAUTEN
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Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0553378 A1 19930804; **EP 0553378 B1 19960103**; DE 59204931 D1 19960215

DOCDB simple family (application)

EP 92101494 A 19920130; DE 59204931 T 19920130