

Title (en)

Trench wall cutting apparatus and method for building a diaphragm wall in the ground

Title (de)

Schlitzwandfräsvorrichtung und Verfahren zum Herstellen einer Schlitzwand im Boden

Title (fr)

Fraiseuse à rideau souterrain et procédé pour creuser des tranchées dans le sol

Publication

EP 1752583 B1 20081203 (DE)

Application

EP 06024531 A 20040115

Priority

- EP 04000766 A 20040115
- DE 10308538 A 20030227

Abstract (en)

[origin: EP1752583A2] Subterranean curtain cutter (10) comprises a frame (20) which tapers from a lower end region, on which two pairs of cutting wheels (12, 12') are arranged, to its upper end. Independent claims are also included for the following: (1) Subterranean wall cutting arrangement containing the above cutter; and (2) Method for producing a subterranean curtain in the ground using the cutter. Preferred Features: A feeding device for introducing a liquid into the slot is arranged on the frame. A guiding rod (33) is arranged on the upper end of the frame.

IPC 8 full level

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CPC (source: EP KR US)

E02D 17/13 (2013.01 - EP US); **E02F 3/205** (2013.01 - EP US); **E21B 10/08** (2013.01 - KR)

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CN106120734A; CN106088028A; CN106120735A; CN105317065A; CN106088041A; CN106088027A; CN106088043A; CN106087972A

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EP 1452645 A1 20040901; **EP 1452645 B1 20070912**; **EP 1452645 B2 20130501**; AT E373144 T1 20070915; AT E416277 T1 20081215; CA 2457229 A1 20040827; CA 2457229 C 20080115; CN 1282805 C 20061101; CN 1525016 A 20040901; CN 1928262 A 20070314; CN 1928262 B 20110608; CY 1108828 T1 20140409; DE 10308538 A1 20040916; DE 10308538 B4 20050217; DE 10308538 C5 20141106; DE 502004004919 D1 20071025; DE 502004008606 D1 20090115; DK 1752583 T3 20090323; EP 1752583 A2 20070214; EP 1752583 A3 20080402; EP 1752583 B1 20081203; ES 2293103 T3 20080316; ES 2293103 T5 20130723; ES 2318653 T3 20090501; HK 1067393 A1 20050408; HK 1099063 A1 20070803; JP 2004257234 A 20040916; JP 3761889 B2 20060329; KR 100572023 B1 20060418; KR 20040077547 A 20040904; PL 209264 B1 20110831; PL 365277 A1 20040906; PT 1452645 E 20071010; PT 1752583 E 20090206; RU 2004103799 A 20050727; RU 2275469 C2 20060427; SG 127712 A1 20061229; SI 1452645 T1 20080229; SI 1452645 T2 20130628; SI 1752583 T1 20090630; US 2004234345 A1 20041125; US 2007044347 A1 20070301; US 7152346 B2 20061226; US 7356947 B2 20080415

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