

Title (en)

Method for building a diaphragm wall in the ground and trench wall cutting apparatus

Title (de)

Verfahren zum Herstellen einer Schlitzwand im Boden, Schlitzwandfräse und Schlitzwandfräsvorrichtung

Title (fr)

Procédé pour creuser des tranchées dans le sol et fraiseuse à rideau souterrain

Publication

EP 1452645 B1 20070912 (DE)

Application

EP 04000766 A 20040115

Priority

DE 10308538 A 20030227

Abstract (en)

[origin: EP1452645A1] A method for preparing underground slit walls has a slitting head (10) comprising a support frame (10) with one or two rotating cutting discs (12, 12') lowered into the ground by a telescopic support. The slitting head removes materials from under the head and the spoil is directed to the void above the head. At the same time a binding fluid is injected into the spoil via a duct (41) terminating at the slitting head. The slit is cut by repeated raising and lowering of the slitting head, which mixes the setting fluid with the spoil. The spoil and setting fluid set eventually to form the slit wall.

IPC 8 full level

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CPC (source: EP KR US)

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