

Title (en)

Method for producing a floor mortar wall in the floor

Title (de)

Verfahren zum Herstellen einer Bodenmörtelwand im Boden

Title (fr)

Procédé de fabrication d'une paroi en mortier fixée dans le sol

Publication

EP 2666911 B1 20150923 (DE)

Application

EP 12004086 A 20120525

Priority

EP 12004086 A 20120525

Abstract (en)

[origin: EP2666911A1] The method involves drilling endless screws (20a-20c) to a hole with specific depth for loosening of soil. The endless screws are lifted up to an intermediate position in the borehole by supplying binder suspension. A lower mixing region is formed between a bottom hole and the intermediate position in the borehole, and in which loosened soil is mixed with the supplied binder suspension to form mortar. The loosened soil is fed above the lower mixing region from an upper borehole to be above the intermediate position when the mortar is transported to the soil surface. Independent claims are included for the following: (1) a mortar floor; and (2) a drilling equipment.

IPC 8 full level

E02D 3/12 (2006.01); **E02D 19/16** (2006.01); **E21B 10/44** (2006.01)

CPC (source: EP)

E02D 3/126 (2013.01); **E02D 19/16** (2013.01); **E21B 10/44** (2013.01)

Cited by

EP3081699A1; EP4296431A1; WO2023247094A1

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DOCDB simple family (application)

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