

Title (en)

Method for providing a slab-shaped underground structure

Title (de)

Verfahren zur Bereitstellung einer fliesenförmigen Bodenstruktur

Title (fr)

Procédé pour fournir une structure souterraine en forme de dalle

Publication

EP 2009225 B1 20111228 (EN)

Application

EP 08075578 A 20080625

Priority

NL 1034067 A 20070629

Abstract (en)

[origin: EP2009225A1] In a first step, an earth-drilling device is set up for introducing a drill pipe with a controllable drill bit into the ground at an entry point. Then, a first controlled bore hole is drilled from the entry point through the ground to an exit point. When the drill bit has reached the exit point, an injection head is connected to one end of the drill pipe for injecting a hardening substance. The injection head is pulled through the bore hole and at the same time a hardening substance is injected into the ground around the bore hole over at least part of the bore hole. This results in a body of hardening substance at the location of the bore hole. The centre-to-centre distance between the first and second bore hole should be chosen in such a manner that the hardening substances in the ground around the bore holes come into contact with one another. The bodies of hardening substance will then merge with one another, so that eventually one large hardened body is obtained.

IPC 8 full level

E21B 7/06 (2006.01)

CPC (source: EP)

E02D 31/006 (2013.01); **E21B 7/06** (2013.01)

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