

Title (en)

Method and device for drilling holes in soil or rock, particularly for the insertion of injection anchors.

Title (de)

Verfahren und Bohrgerät zum Bohren von Löchern im Erdreich oder Fels, insbesondere zur Herstellung von Verpressankern.

Title (fr)

Procédé et dispositif pour forer des trous dans le sol ou dans la roche, notamment pour le placement de boulons d'ancrage à injection.

Publication

EP 0527460 B1 19950517 (DE)

Application

EP 92113583 A 19920810

Priority

DE 4126919 A 19910814

Abstract (en)

[origin: EP0527460A2] The method of drilling holes in soil or rock, in particular for the insertion of injection anchors, provides for the hole to be drilled by a drill pipe string composed of sections (13), driven by a rotary and/or percussion drive (7) of a drilling device (1) and having a drill bit. The borehole wall is supported by a casing pipe composed of sections (17) and driven by a rotary and/or percussion drive (8) of the drilling device. The sections (13, 17) of the drill pipe string and casing pipe are mechanically removed from a magazine and are transferred back into the magazine after the hole is drilled. Each section (13) for the drill pipe string is received in succession from the magazine (12, 16) by the drive (6, 7) of the drilling device (1) for the drill pipe string, and each section (17) for the casing pipe is received in succession from the magazine (12, 16) by the drive (6, 8) of the drilling device (1) for the casing pipe. Each section for the drill pipe string and each section for the casing pipe are also transferred in succession back into the magazine. <IMAGE>

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IPC 8 full level

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Cited by

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