

Title (en)
DEVICE FOR DRILLING OR DRAINING HOLES IN SOIL OR ROCK

Title (de)
VORRICHTUNG ZUM BOHREN UND DRAINAGIEREN VON LÖCHERN IN BODEN- ODER GESTEINSMATERIAL

Title (fr)
DISPOSITIF DE FORAGE ET DE DRAINAGE DE TROUS REALISES DANS LE SOL OU LA ROCHE

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Application
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Abstract (en)
[origin: WO0011302A1] The invention relates to a device (1) for the drilling, notably by percussion or rotary-percussion drilling, and draining of holes in soil or rock. A drill bit (2, 3) mounted on a drill rod (4) creates a bore hole and a jacket tube (6) is coupled to the drill rod (4) or the drill bit (2, 3). In the area adjacent to the drill bit (2, 3) the jacket tube (6) has at least one through hole which opens into an annular space embodied between the drill rod and the jacket tube. In the end area adjacent to the drill bit (2, 3) the jacket tube (6) is surrounded by at least one filter tube (7) having a plurality of through holes or slits (8) which are distributed especially evenly across its circumference. This allows for correspondingly safe and reliable drainage during boring, using simple measures.

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