

Title (en)  
DRILLING DEVICE, ESPECIALLY FOR UNDERGROUND MINING

Publication  
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Application  
**EP 84106927 A 19840616**

Priority  
DE 3322427 A 19830622

Abstract (en)  
[origin: US4625815A] The invention relates to a drilling equipment whose annular bit (4) for cutting the rock located in the deepest point of the drill hole is provided with high-pressure water-jet nozzles and is connected via a flexible high-pressure hose pipe (13) with a high-pressure pump. In order to be able to drill with the aid of such a drilling equipment small-diameter drill holes of high directional stability, the invention proposes that the high-pressure hose pipe (13) be constructed to be rigid under torsion, non-rotatably connected to the annular bit (4) and the turning drive (24, 25) of the drilling machine (8) and to be journaled in a non-rotatable jacket tube (15) elastically deflectable from the extension position, said jacket tube being rigid in radial direction and guided in the area of the drill hole mouth in a deflecting device (7) and displaceable together with the high-pressure hose pipe (13) in its longitudinal direction.

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IPC 8 full level  
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Cited by  
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