

Title (en)
DRILLING-INJECTION ANCHOR

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Application
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DE 3828335 A 19880820

Abstract (en)
[origin: EP0355379A2] The invention relates to a drilling-injection anchor (1) having a thread (3) running on the anchor shaft (2) on the circumferential wall side, a drill bit (5) arranged at the front end, cutters (7) allocated to the drill bit (5) and a central channel running in the axial direction, ending in the area of the drill bit (5) and intended for supplying a drilling fluid. So that the drilling-injection anchor (1) does not soften the bore wall during the drilling operation and can thus be used in both compact and sandy, cohesive soils or in loose rock, the invention proposes that the drill bit (5) has a cylindrical hollow body (10) arranged at a distance from the anchor shaft (2) of the drilling-injection anchor (1) and intended for forming an annular space (28), through which fluid can flow, between the circumferential wall (20) of the anchor shaft (2) and the inner wall (19) of the hollow body (10), the hollow body (10) having a length which corresponds to at least approximately the diameter of the drill bit (5). <IMAGE>

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Cited by
US8142109B2; CN111335923A; RU2720595C1; CN116044312A; AU2008211808B2; EP0541942A1; US5388655A; WO2008092994A1

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