

Title (en)
INJECTION ANCHOR

Title (de)
INJEKTIONSANKER

Title (fr)
ANCRE A INJECTION

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Application
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Abstract (en)
[origin: WO0157363A1] The invention relates to a method for stabilising broken rock or subsurface material, especially for supporting roads (1) and faces in mining and for tunnel construction, for securing rock, subsurface stabilisation, avalanche protection or similar; and to an injection anchor (50) for carrying out said method. The injection anchor (50) is introduced into a bore and secured against being pushed out with a sealant in the rear area of the injection anchor (50). According to the invention, the injection anchor has an elastically deformable sealing element on the end side in order to improve the hold for the injection anchor (50) inside the bore. Said sealing element consists of e.g., a filling tube (34) which is at least partially pre-filled with a setting acceleration agent for the respective injection agent and is then filled up during the injection process, and causes the injection anchor (50) to be pressed into the borehole as a result of the injection agent setting.

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