

Title (en)  
ROCK ANCHOR

Publication  
**EP 0014426 B1 19840801 (DE)**

Application  
**EP 80100454 A 19800129**

Priority  
DE 2903694 A 19790131

Abstract (en)  
[origin: ES488377A1] A rock anchor assembly comprising a tensioning element adapted to be inserted into a bore hole and to be clamped therein, the outer end of which projecting from said bore hole being adapted to be tensioned against a rock wall by means of an anchor plate, the inner end of said tensioning element inserted into the bore hole being provided with a spreading jacket clinging into said bore hole and being adapted for tensioning with the inner end of the tensioning element by means of a spreading wedge upon turning a clamp nut, and wherein said clamp nut is screwed on a threaded tensioning jacket being adapted for tensioning with the outer end of said tensioning element with the aid of tensioning wedge means upon turning the clamp nut. A method of installing said rock anchor in a wall is also provided.

IPC 1-7  
**E21D 21/00**

IPC 8 full level  
**E21D 20/00** (2006.01); **E21D 20/02** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP US)  
**E21D 20/02** (2013.01 - EP US); **E21D 21/008** (2013.01 - EP US)

Citation (examination)  
Taschenbuch für den Tunnelbau, 1978, Glückauf Verlag GmbH, Essen, Seite 380

Cited by  
EP0064652A3; DE3902727A1; DE3720642A1; AT511240B1; AT511240B8; WO9519491A1; EP2186995A2; DE102008043702A1

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