

Title (en)  
Rock bolt.

Title (de)  
Ankerbolzen.

Title (fr)  
Fer d'ancrage.

Publication  
**EP 0351465 A1 19900124 (EN)**

Application  
**EP 88306706 A 19880721**

Priority  
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• ZA 878529 A 19871113

Abstract (en)  
A method of making a rock bolt with a thread (4) on a section (3) thereof comprising the steps of providing a metal bar (1) of circular or near circular cross-section having a diameter which is substantially equal to the pitch diameter of the thread (4) to be provided thereon, forming a series of protrusions (2) on a first selected section of the bar, straightening the bar, and, forming a thread (4) with the said pitch diameter on a further selected section (3) of the bar (1).

IPC 1-7  
**B21H 3/02**; **B21H 8/00**; **E04C 5/12**; **E21D 21/00**

IPC 8 full level  
**B21B 1/16** (2006.01); **B21H 3/02** (2006.01); **E04C 5/12** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP)  
**B21B 1/163** (2013.01); **B21H 3/02** (2013.01); **E04C 5/125** (2013.01); **E21D 21/008** (2013.01)

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• [X] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 234 (M-334)[1671], 26th October 1984; & JP-A-59 113 948 (NIHON BIYOURATEI SEISAKUSHO K.K.) 30-06-1984

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