

Title (en)

Method for producing a tip in a steel anchor bolt

Title (de)

Verfahren zum Erzeugen einer Spitze an einem Ankerstab aus Stahl

Title (fr)

Procédé de production d'une pointe dans un boulon d'ancrage

Publication

EP 1057968 B1 20040922 (DE)

Application

EP 00108514 A 20000419

Priority

DE 19925109 A 19990601

Abstract (en)

[origin: DE19925109C1] To produce a point on a steel anchor bar for rock and tunnel structure, the bar is separated and the point is formed at the dividing point. The bar is heated at a predetermined point of its length and then axial tractive force is applied until breaking occurs. Alternatively, heating and application of tractive force can be simultaneous. Heating can be by means of a flame, induction or ohmic resistance.

IPC 1-7

E21D 21/00

IPC 8 full level

E21D 21/00 (2006.01)

CPC (source: EP)

E21D 21/002 (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1057968 A1 20001206; EP 1057968 B1 20040922; AT E277274 T1 20041015; DE 19925109 C1 20000621; DE 50007843 D1 20041028; DK 1057968 T3 20050117; ES 2226638 T3 20050401

DOCDB simple family (application)

EP 00108514 A 20000419; AT 00108514 T 20000419; DE 19925109 A 19990601; DE 50007843 T 20000419; DK 00108514 T 20000419; ES 00108514 T 20000419