

Title (en)

PROCESS FOR THE FABRICATION OF ANCHORING RODS OR ANCHORING WIRES AND THEIR USE IN EARTH OR ROCK ANCHOR DEVICES

Publication

EP 0006085 B1 19810916 (DE)

Application

EP 79890009 A 19790530

Priority

AT 396278 A 19780531

Abstract (en)

[origin: EP0006085A1] 1. Process for producing anchoring rods or anchoring wires for ground anchors and/or rock anchors, characterized in that rods or wires of austenitic or ferritic stainless steel are cold strain-hardened, preferably cold torded, cold rolled, cold embossed or cold stretched for obtaining a yield point ratio $R_p 0.2/R_m$ of at least 0.7, whereupon subsequent to strain-hardening any treatment is avoided.

IPC 1-7

C21D 7/10; **E21D 21/00**; **E02D 5/76**; **C22C 38/58**

IPC 8 full level

B21C 37/04 (2006.01); **B21C 1/00** (2006.01); **C21D 7/00** (2006.01); **C21D 7/10** (2006.01); **C22C 38/00** (2006.01); **E02D 5/76** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP)

C21D 7/10 (2013.01); **E02D 5/76** (2013.01); **E21D 21/0006** (2013.01); **E21D 21/006** (2016.01)

Cited by

FR2725730A1; US5833771A; GB2141804A; FR2547351A1; US11434558B2; EP3686308A4; WO9611812A1

Designated contracting state (EPC)

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EP 0006085 A1 19791212; **EP 0006085 B1 19810916**; AT 371840 B 19830810; AT A396278 A 19821215; DE 2960819 D1 19811203; DK 151571 B 19871214; DK 151571 C 19880718; DK 225379 A 19791201; JP S54158364 A 19791214; JP S5742691 B2 19820910

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