

Title (en)

METHOD OF PROVIDING CONNECTIONS FOR REINFORCING BARS AND JOINT AND CONNECTIONS FOR SUCH BARS

Publication

EP 0171965 B1 19900704 (EN)

Application

EP 85305382 A 19850729

Priority

GB 8420285 A 19840809

Abstract (en)

[origin: EP0171965A2] A screw-threaded termination is provided for a deformed rolled steel reinforcing bar, that is a bar with irregularities such as transverse ribs (11) and typically a non-circular core (10). The termination is provided by rolling a screw thread directly on to the surface of the deformed bar without first removing the deformations or machining the bar to a circular section. In a typical application of the bar as a rock anchor a plate (23) is held on to the bar by a nut (22) to anchor surface portions of the rock in position.

IPC 1-7

E04C 5/16

IPC 8 full level

F16B 7/18 (2006.01); **B21H 3/02** (2006.01); **E04C 5/03** (2006.01); **E04C 5/16** (2006.01); **E04C 5/18** (2006.01)

CPC (source: EP)

E04C 5/165 (2013.01)

Cited by

CN103276853A; EP1048798A1; EP0947642A3; US5660594A; SG112795A1; WO9324257A1

Designated contracting state (EPC)

BE DE FR IT NL

DOCDB simple family (publication)

EP 0171965 A2 19860219; EP 0171965 A3 19870204; EP 0171965 B1 19900704; AU 4573685 A 19860213; AU 578964 B2 19881110; DE 3578537 D1 19900809; GB 2162915 A 19860212; GB 2162915 B 19880602; GB 8420285 D0 19840912; HK 62193 A 19930709; JP H06102233 B2 19941214; JP S6171142 A 19860412; ZA 855837 B 19860326

DOCDB simple family (application)

EP 85305382 A 19850729; AU 4573685 A 19850802; DE 3578537 T 19850729; GB 8420285 A 19840809; HK 62193 A 19930701; JP 17561885 A 19850809; ZA 855837 A 19850801