

Title (en)

DEVICE FOR ANCHORING THE END OF AT LEAST ONE ROD OF FIBROUS COMPOSITE MATERIAL USED AS A TENSIONING MEMBER IN PRESTRESSED CONCRETE CONSTRUCTIONS

Publication

EP 0025856 A3 19810506 (DE)

Application

EP 80104782 A 19800813

Priority

- DE 2932809 A 19790813
- DE 2935419 A 19790901
- DE 2950303 A 19791214
- DE 2951015 A 19791219
- DE 2951088 A 19791219

Abstract (en)

[origin: US4671034A] The present invention relates to an end-anchoring system for anchoring at least one bar made from a fibrous compound material and being used as a tendon in pre-stressed concrete construction, comprising an anchorage pot arranged for being fixed at a prestressed concrete component and containing a clamping body which extends over a portion of the length of the bar and encloses the latter and upon which transverse forces acting vertically to the longitudinal axis of the bar and producing a frictional connection between the rod and the clamping body and the anchorage pot, respectively, can be exerted, the clamping body being part of translating means for transforming axial forces into transverse forces and serving to transform forces acting upon the device in the longitudinal direction of the bar into proportional transverse forces providing the frictional connection between the rod and the clamping body.

IPC 1-7

E04C 5/12

IPC 8 full level

E04C 5/12 (2006.01)

CPC (source: EP US)

E04C 5/12 (2013.01 - EP US)

Citation (search report)

- FR 2311905 A1 19761217 - HOLZMANN PHILIPP AG [DE]
- DE 1958882 A1 19700618 - HABIB PIERRE ANDRE, et al
- [A] DE 2515423 A1 19751113 - FELTEN & GUILLEAUME AG OESTER
- FR 1503134 A 19671124
- DE 2512114 A1 19760930 - INTERCONTINENTALE TECHNIK GMBH
- DE 2114863 B1 19720803
- DE 949432 C 19560920 - FRITZ LEONHARDT DR ING
- FR 1209949 A 19600304 - STUP PROCEDES FREYSSINET
- DE 1609722 B1 19710624 - LEONHARDT FRITZ PROF DR ING [DE], et al

Cited by

FR2590608A1; FR2486129A1; GB2277959A; GB2277959B; EP0314927A3; US4934118A; EP0554161A1; FR2686916A1; DE3118220A1; WO9529308A1

Designated contracting state (EPC)

AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0343316 A1 19891129; EP 0025856 A2 19810401; EP 0025856 A3 19810506; EP 0025856 B1 19840725; US 4671034 A 19870609

DOCDB simple family (application)

EP 89101508 A 19800813; EP 80104782 A 19800813; US 60983684 A 19840514