

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**

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- 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.

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IPC 8 full level

**E04C 5/12** (2006.01)

CPC (source: EP US)

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Citation (search report)

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