

Title (en)

A prestressed concrete member obtained by post tensioning.

Title (de)

Durch nachträgliche Vorspannung vorgespanntes Betonelement.

Title (fr)

Élément de béton précontraint par post-tension.

Publication

EP 0146126 A2 19850626 (EN)

Application

EP 84115412 A 19841214

Priority

- JP 19447383 U 19831216
- JP 19447483 U 19831216

Abstract (en)

Steel materials for use with concrete that is prestressed by posttensioning are disclosed. in accordance with one embodiment of the invention, a steel member is sheathed with a heat-shrinkable synthetic resin tube. in another embodiment, the steel member is sheathed with a foamed synthetic resin tube. Both embodiments are further applicable to the case of a stranded steel member, in which case it is preferred that the spiral grooves of the stranded member be filled with a resin before sheathing with an external tube.

IPC 1-7

E04C 5/08; **D07B 1/16**

IPC 8 full level

D07B 1/16 (2006.01); **E04C 5/08** (2006.01)

CPC (source: EP)

D07B 1/162 (2013.01); **E04C 5/08** (2013.01); **D07B 2501/2023** (2013.01)

Cited by

EP0198398A3; US4849282A; WO9717510A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0298524 A2 19890111; **EP 0298524 A3 19890201**; **EP 0298524 B1 19920708**; AU 1214788 A 19880602; AU 3667784 A 19850620; AU 571913 B2 19880428; AU 582321 B2 19890316; CA 1243501 A 19881025; DE 3485571 D1 19920416; DE 3485807 D1 19920813; DE 3485807 T2 19921210; EP 0146126 A2 19850626; EP 0146126 A3 19861217; EP 0146126 B1 19920311; NZ 210568 A 19910129

DOCDB simple family (application)

EP 88111961 A 19841214; AU 1214788 A 19880224; AU 3667784 A 19841214; CA 470178 A 19841214; DE 3485571 T 19841214; DE 3485807 T 19841214; EP 84115412 A 19841214; NZ 21056884 A 19841214