

Title (en)

Corrosion protected free tension member, in particular external tendon for prestressed concrete

Title (de)

Korrosionsgeschütztes freies Zugglied, vornehmlich externes Spannglied für Spannbeton

Title (fr)

Membre tendu libre protégé contre la corrosion, notamment membre de précontrainte externe pour béton précontraint

Publication

**EP 1079040 A3 20010613 (DE)**

Application

**EP 00115516 A 20000719**

Priority

DE 29914673 U 19990821

Abstract (en)

[origin: EP1079040A2] The cable consists of a bundle of tensile wires or bars which are held inside a protective pipe. The cable has anchor elements at both ends where at least one acts as a coupling unit for attaching to corresponding anchor discs so as to anchor the cable in place. The protective pipe consists of two sections in the connection region which have different diameters so as to spread the outgoing sections of the tensile rods/wires. The connection between the two sections is designed so as to be able to take up any displacement between the incoming and outgoing sections of the cable.

IPC 1-7

**E04C 5/08**; **E04C 5/12**; **E04C 5/10**

IPC 8 full level

**E04C 5/08** (2006.01); **E04C 5/10** (2006.01); **E04C 5/12** (2006.01)

CPC (source: EP)

**E04C 5/12** (2013.01)

Citation (search report)

- [DA] DE 3801451 A1 19890803 - DYCKERHOFF & WIDMANN AG [DE]
- [A] US 4633540 A 19870106 - JUNGWIRTH DIETER [DE], et al
- [A] EP 0348870 A1 19900103 - ZAPF WERNER

Cited by

EP1609911A1; CN107514097A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 29914673 U1 19991216**; DE 50007969 D1 20041104; EP 1079040 A2 20010228; EP 1079040 A3 20010613; EP 1079040 B1 20040929

DOCDB simple family (application)

**DE 29914673 U 19990821**; DE 50007969 T 20000719; EP 00115516 A 20000719