

Title (en)

ANCHORING FOR A PRE-TENSIONED AND/OR LOADED STRENGTH MEMBER AND ANCHOR SLEEVE

Title (de)

VERANKERUNG FÜR EIN VORGESpanNTES UND/ODER BELASTETES ZUGELEMENT UND ANKERBÜCHSE

Title (fr)

ANCRAGE POUR ELEMENT DE TRACTION PRECONTRAINTE ET/OU CHARGE ET BOITE D'ANCRAGE

Publication

EP 1259679 A1 20021127 (DE)

Application

EP 01907227 A 20010221

Priority

- AT 0100043 W 20010221
- DE 10010564 A 20000303

Abstract (en)

[origin: WO0165023A1] The invention relates to an anchoring for a pre-tensioned and/or loaded strength member (1, 2), in particular, made from a non-metallic fibre composite material, whereby the force of the strength element is transferred to an anchor sleeve (4), by means of an anchor body (6), made from a solidified, in particular, hardened cast material. Said sleeve comprises varying cross-sections, normal to the axis of the strength element, whereby the inner wall (44) of the anchor sleeve (4) comprises a contoured form (45) and the cross-sectional area of the anchor body, normal to the axis of the strength element (2), is larger in the load bearing region (41) of the anchor sleeve (4), in particular, displaying a maximum value and is smaller in the region (42) away from the load.

IPC 1-7

E04C 5/12; **E04C 5/07**

IPC 8 full level

E04C 5/07 (2006.01); **E04C 5/12** (2006.01)

CPC (source: EP)

E04C 5/07 (2013.01); **E04C 5/122** (2013.01); **E04C 5/127** (2013.01)

Citation (search report)

See references of WO 0165023A1

Cited by

CN102644242A; CN112469873A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0165023 A1 20010907; AT E331857 T1 20060715; AU 3522801 A 20010912; DE 10010564 C1 20010705; DE 50110337 D1 20060810; EP 1259679 A1 20021127; EP 1259679 B1 20060628

DOCDB simple family (application)

AT 0100043 W 20010221; AT 01907227 T 20010221; AU 3522801 A 20010221; DE 10010564 A 20000303; DE 50110337 T 20010221; EP 01907227 A 20010221