

Title (en)

Method for installing and tensioning a free tendon, and device for carrying out the method

Title (de)

Verfahren zum Einbauen und Spannen eines freigespannten Zugglieds und Vorrichtung zum Durchführen des Verfahrens

Title (fr)

Procédé de pose et de mise en tension d'un membre de précontrainte libre, et dispositif pour la mise en oeuvre du procédé

Publication

EP 0896108 B1 20040421 (DE)

Application

EP 98111670 A 19980625

Priority

DE 19733822 A 19970805

Abstract (en)

[origin: EP0896108A2] A process for installing and tensioning a cable, esp for suspension bridges, where the cable consists of a bundle of steel strands surrounded by PE, with end wedges held in an anchoring plate, comprises removing the PE mantle from the strands over the anchoring region. The length of mantle (2a,2b) removed takes into account expansion during tensioning.

IPC 1-7

E04C 5/12; **E04C 5/08**; **E04G 21/12**; **E01D 19/14**

IPC 8 full level

E01D 11/00 (2006.01); **E01D 11/04** (2006.01); **E01D 19/10** (2006.01); **E01D 19/14** (2006.01); **E01D 19/16** (2006.01); **E04C 5/08** (2006.01); **E04C 5/12** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP US)

E01D 19/14 (2013.01 - EP US); **E04C 5/08** (2013.01 - EP US); **E04C 5/12** (2013.01 - EP US); **E04G 21/12** (2013.01 - EP US); **Y10T 29/49874** (2015.01 - EP US)

Cited by

CN100419185C; CN103866691A; CN109137763A; CN106284074A; CN102003072A; CN101864725A; CN101793002A; CN101949218A; WO2012140463A1; US8925266B2; WO2012140462A1; US9446541B2; EP1129264B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0896108 A2 19990210; **EP 0896108 A3 20000927**; **EP 0896108 B1 20040421**; AT E264962 T1 20040515; DE 19733822 A1 19990211; DE 59811220 D1 20040527; ES 2217458 T3 20041101; HK 1016671 A1 19991105; JP 3890148 B2 20070307; JP H11117229 A 19990427; US 6055691 A 20000502

DOCDB simple family (application)

EP 98111670 A 19980625; AT 98111670 T 19980625; DE 19733822 A 19970805; DE 59811220 T 19980625; ES 98111670 T 19980625; HK 99101475 A 19990412; JP 21932098 A 19980803; US 12488598 A 19980730