

Title (en)

CABLE ANCHORING DEVICES AND THEIR MANUFACTURING METHODS

Publication

EP 0166651 B1 19890712 (FR)

Application

EP 85401172 A 19850613

Priority

FR 8410158 A 19840627

Abstract (en)

[origin: ES8608647A1] The invention provides an anchorage device for a cable with multiple strands (2) comprising a block (1) in which the strands are anchored individually by radially clamping about each strand a split truncated cone shaped jaw (3) surrounding this strand and housed in a complementary housing (4) of the block. This device comprises a single thrust member (6) disposed axially opposite the different jaws (3) and a plurality of spacers (10) each interposed axially between said member (6) and a jaw (3) about the strand end (2) clamped by this jaw, said spacers (10) being identical to each other, formed from a metal or an alloy whose deformation/stress characteristic has a long plastic flow plateau and dimensioned so that at the end of the thrust the deformation of each of them has reached, but not exceeded, the plastic flow stage thereof.

IPC 1-7

E04C 5/12

IPC 8 full level

F16G 11/04 (2006.01); **E01D 11/00** (2006.01); **E01D 19/16** (2006.01); **E04C 5/12** (2006.01); **F16G 11/05** (2006.01)

CPC (source: EP US)

E04C 5/122 (2013.01 - EP US); **Y10T 24/3909** (2015.01 - EP US); **Y10T 24/3969** (2015.01 - EP US); **Y10T 403/7054** (2015.01 - EP US)

Cited by

CN111453643A; ES2317743A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI NL SE

DOCDB simple family (publication)

EP 0166651 A2 19860102; **EP 0166651 A3 19861217**; **EP 0166651 B1 19890712**; AT E44572 T1 19890715; DE 3571473 D1 19890817; ES 544303 A0 19860716; ES 8608647 A1 19860716; FR 2566864 A1 19860103; FR 2566864 B1 19861226; JP H0639830 B2 19940525; JP S6153947 A 19860318; US 4628649 A 19861216

DOCDB simple family (application)

EP 85401172 A 19850613; AT 85401172 T 19850613; DE 3571473 T 19850613; ES 544303 A 19850618; FR 8410158 A 19840627; JP 14141285 A 19850627; US 74846785 A 19850625