

Title (en)

PRESTRESSED ELEMENT AND METHOD FOR PRODUCING A PRESTRESSED ELEMENT

Title (de)

VORGESPANNTES ELEMENT UND VERFAHREN ZUR HERSTELLUNG DES VORGESPANNTEN ELEMENTS

Title (fr)

ELEMENT PRECONTRAINTE ET PROCEDE DE FABRICATION D'UN ELEMENT PRECONTRAINTE

Publication

EP 3234276 B1 20190424 (FR)

Application

EP 15820452 A 20151210

Priority

- FR 1462417 A 20141215
- EP 2015079220 W 20151210

Abstract (en)

[origin: WO2016096592A1] The present invention relates to an elongate prestressed element (10a) defining two opposite ends (13), produced in two filling materials (2, 3), in particular concrete, and traversed by prestressed reinforcements (40) extending between said two ends (13), embedded in said filling material (2, 3). The element comprises an interface part (50a) traversed by the reinforcements (40) and delimiting an end region (11) of said prestressed element (10a) with respect to a main section (12) of said prestressed element (10a). Said end region (11) of said prestressed element (10a) comprises a second filling material (3) and said main part (12) of said prestressed element (10a) comprises a first filling material (2), the second filling material (3) having a compressive strength greater than that of the first filling material (2).

IPC 8 full level

E04C 3/26 (2006.01); **E04C 5/12** (2006.01)

CPC (source: EP)

E04C 3/26 (2013.01); **E04C 5/12** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

FR 3029952 A1 20160617; **FR 3029952 B1 20180302**; EP 3234276 A1 20171025; EP 3234276 B1 20190424; PL 3234276 T3 20191031; WO 2016096592 A1 20160623

DOCDB simple family (application)

FR 1462417 A 20141215; EP 15820452 A 20151210; EP 2015079220 W 20151210; PL 15820452 T 20151210