

Title (en)

CARBON FIBER REINFORCEMENT POLYMER AND ITS RESPECTIVE APPLICATION TECHNIQUE FOR THE STRENGTHENING OF CONCRETE STRUCTURES

Title (de)

KOHLENFASERVERSTÄRKUNGSPOLYMER UND SEINE RESPEKTIVE ANWENDUNGSTECHNIK FÜR DIE VERSTÄRKUNG VON BETONSTRUKTUREN

Title (fr)

STRATIFIÉ DE FIBRE DE CARBONE ET TECHNIQUE RESPECTIVE DE RENFORCEMENT DE STRUCTURES DE BÉTON

Publication

EP 3318690 B1 20220824 (EN)

Application

EP 16770796 A 20160629

Priority

- PT 10861115 A 20150630
- IB 2016053897 W 20160629

Abstract (en)

[origin: EP3318690A1] The present invention consists of a carbon fiber reinforcement polymer (CFRP) laminate and its application technique on the reinforcement of concrete structures. The present carbon fiber reinforcement polymer (CFRP) laminate comprises a clip or cane shape and it is comprised by two or three rectilinear segments connected by one or two transition areas. This product is meant to be applied on the civil construction area.

IPC 8 full level

E04C 5/07 (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP US)

E04C 5/07 (2013.01 - EP US); **E04C 5/073** (2013.01 - US); **E04G 23/0218** (2013.01 - EP US); **E04G 2023/0251** (2013.01 - EP US)

Citation (examination)

EP 3168384 A1 20170517 - FACULDADE DE CIÊNCIAS E TECNOLOGIA DA UNIV NOVA DE LISBOA [PT], et al

Cited by

CH715469A1; CN111608418A

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)

EP 3318690 A1 20180509; **EP 3318690 B1 20220824**; US 2018187439 A1 20180705; WO 2017002043 A1 20170105

DOCDB simple family (application)

EP 16770796 A 20160629; IB 2016053897 W 20160629; US 201615741134 A 20160629