

Title (en)

BAR INCLUDING FIBRE-REINFORCED POLYMERS FOR CONCRETE REINFORCEMENT

Title (de)

FASERVERSTÄRKTE POLYMERE ENTHALTENDE STANGE ZUR BEWEHRUNG

Title (fr)

BARRE A BASE DE POLYMERES RENFORCES DE FIBRES DESTINEE A L'ARMATURE DE BETON

Publication

EP 2273027 A1 20110112 (EN)

Application

EP 09713374 A 20090218

Priority

- ES 2009070031 W 20090218
- ES 200800468 A 20080220

Abstract (en)

The invention relates to a fibre-reinforced bar for reinforcing concrete, including at least: a first area (1) formed by a central core and consisting of glass fibre filament yarns or another type of reinforcement, which are affixed to one another using polymer resins; a second area (2) surrounding the first area and formed by reinforcing fabrics, preferably glass fibre, which second area, in addition to surrounding and forming a hoop around the first area, shields said first area against high temperatures; and a third area (3) comprising a granulate which is secured to the second area (2) using resins resistant to high temperatures.

IPC 8 full level

E04C 5/07 (2006.01)

CPC (source: EP ES US)

E04C 5/07 (2013.01 - EP US); **E04C 5/073** (2013.01 - ES); **Y10T 428/2915** (2015.01 - EP US)

Cited by

US9946857B2; US10066146B2

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Designated extension state (EPC)

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DOCDB simple family (publication)

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