

Title (en)

A BEAM AND METHOD FOR REINFORCING CONCRETE SLABS

Title (de)

TRÄGER UND VERFAHREN ZUM VERSTÄRKEN VON BETONDECKEN

Title (fr)

POUTRE ET PROCÉDÉ PERMETTANT DE RENFORCER DES DALLES EN BÉTON

Publication

EP 2689075 A4 20140820 (EN)

Application

EP 12760514 A 20120323

Priority

- AU 2011901064 A 20110323
- AU 2012000307 W 20120323

Abstract (en)

[origin: WO2012126065A1] A beam for reinforcing a concrete slab, the beam including a channel for receiving concrete mix therein, and the beam adapted to receive at least one anchoring element such that the at least one anchoring element protrudes into the channel, wherein the at least one anchoring element is for engaging the concrete mix, such that once the concrete mix hardens, the at least one element contributes to engagement between the beam and concrete slab.

IPC 8 full level

E04B 5/40 (2006.01); **E04C 3/293** (2006.01); **E04C 5/06** (2006.01)

CPC (source: EP US)

E04B 5/40 (2013.01 - EP US); **E04C 3/293** (2013.01 - EP US); **E04C 5/06** (2013.01 - US); **E04C 5/0645** (2013.01 - EP US)

Citation (search report)

- [X] WO 9401636 A1 19940120 - RAUTARUUKKI OY [FI], et al
- [X] WO 2007131115 A1 20071115 - DIVERSAKORE LLC [US], et al
- [X] LU 84596 A1 19841024 - METAL PROFIL BELGIUM SA [BE], et al
- See references of WO 2012126065A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2012126065 A1 20120927; AU 2012231786 A1 20131010; AU 2012231786 B2 20170504; EP 2689075 A1 20140129; EP 2689075 A4 20140820; EP 2689075 B1 20170419; US 2014298749 A1 20141009

DOCDB simple family (application)

AU 2012000307 W 20120323; AU 2012231786 A 20120323; EP 12760514 A 20120323; US 201214006279 A 20120323