

Title (en)  
CONCRETE BEAM

Title (de)  
BETONTRÄGER

Title (fr)  
POUTRE EN BETON

Publication  
**EP 2021555 B1 20210421 (EN)**

Application  
**EP 07718897 A 20070516**

Priority  
• AU 2007000651 W 20070516  
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Abstract (en)  
[origin: WO2007131284A1] A pre-formed structural concrete element for use in the formation of a composite concrete floor of a building or the like, the element comprising: a generally planar base portion having opposing faces; a series of generally parallel spaced apart formations extending from one said faces of the base portion each defining along with an adjacent formation a void space therebetween and wherein the formations terminate in a plateau and have at least a narrow portion and a wide portion between the plateau and the one said faces of the base portion.

IPC 8 full level  
**E04B 5/16** (2006.01); **E04B 5/17** (2006.01); **E04C 3/20** (2006.01)

CPC (source: EP KR US)  
**E04B 5/16** (2013.01 - KR); **E04B 5/17** (2013.01 - KR); **E04B 5/38** (2013.01 - EP US); **E04B 5/43** (2013.01 - EP US); **E04C 3/20** (2013.01 - KR)

Citation (examination)  
• US 6817150 B1 20041116 - BOESHART PATRICK E [US]  
• FR 2142579 A1 19730202 - ARECO  
• EP 1350898 A1 20031008 - JIMENEZ SANCHEZ JAIME ENRIQUE [ES]

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2007131284 A1 20071122**; AU 2007250534 A1 20071122; CA 2652410 A1 20071122; EP 2021555 A1 20090211;  
EP 2021555 A4 20120118; EP 2021555 B1 20210421; KR 20090013830 A 20090205; RU 2008149771 A 20100627; RU 2418917 C2 20110520;  
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RU 2008149771 A 20070516; US 30100207 A 20070516