

Title (en)  
Beam and block floor

Title (de)  
Träger und Blockboden

Title (fr)  
Poutre et plancher du bloc

Publication  
**EP 2527554 B1 20150318 (EN)**

Application  
**EP 11167119 A 20110523**

Priority  
EP 11167119 A 20110523

Abstract (en)  
[origin: EP2527554A1] Floor comprisind blocks, beams provided with support surfaces for supporting the blocks and a layer of concrete structurally connecting the beams covering the blocks. The beams are formed from a metal sheet folded to form a beam with the desired cross section. The cross sectional ends of the metal sheet are embedded in the concrete and preferably overlaping and connected, e.g., by welding or clinching.

IPC 8 full level  
**E04B 5/26** (2006.01); **E04B 5/29** (2006.01); **E04C 3/07** (2006.01)

CPC (source: EP)  
**E04B 5/261** (2013.01); **E04B 5/263** (2013.01); **E04B 5/266** (2013.01); **E04B 5/29** (2013.01); **E04C 3/07** (2013.01); **E04C 2003/0421** (2013.01); **E04C 2003/0439** (2013.01); **E04C 2003/0452** (2013.01); **E04C 2003/0456** (2013.01)

Citation (examination)  
• FR 1172553 A 19590211  
• AT 377302 B 19850311 - HUTTER & SCHRANZ BAUTECH [AT]

Citation (opposition)  
Opponent : Havebo B.V.  
• FR 1127798 A 19561224  
• US 3256670 A 19660621 - ENNIO TERSIGNI  
• DE 821703 C 19511119 - BOELKOW LUDWIG  
• NL 1012339 C2 20001218 - AANNEMERSBEDRIJF PROPER B V [NL]  
• WO 2009109893 A2 20090911 - CANDIRACCI ANGELO [IT]  
• US 4507901 A 19850402 - CARROLL FRANK E [US]

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 2527554 A1 20121128; EP 2527554 B1 20150318**; DK 2527554 T3 20150615; EP 2899328 A2 20150729; EP 2899328 A3 20150812

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**EP 11167119 A 20110523**; DK 11167119 T 20110523; EP 15159013 A 20110523