

Title (en)  
PRECAST COMPOSITE STRUCTURAL FLOOR SYSTEM

Title (de)  
FERTIGTEILBODENSYSYSTEM MIT VERBUNDSTRUKTUR

Title (fr)  
SYSTÈME DE PLANCHER PORTEUR COMPOSITE PRÉCOULÉ

Publication  
**EP 2498963 A1 20120919 (EN)**

Application  
**EP 09752994 A 20091113**

Priority  
US 2009064451 W 20091113

Abstract (en)  
[origin: WO2011059447A1] A composite floor panel includes a frame assembly having a base plate, a plurality of first lateral supports secured to the base plate, and a plurality of second lateral supports secured to the base plate. The first lateral supports lie in a first plane and the second lateral supports lie in a second plane. The first plane and the second plane each intersect the base plate and the first plane is disposed at an angle relative to the second plane. The composite floor panel also includes a concrete portion coupled to and supported by the first lateral supports and the second lateral supports.

IPC 8 full level  
**B28B 23/00** (2006.01); **B28B 23/02** (2006.01); **E04C 3/294** (2006.01)

CPC (source: EP)  
**B28B 7/0029** (2013.01); **B28B 23/02** (2013.01); **E04C 3/291** (2013.01); **E04C 3/294** (2013.01)

Citation (search report)  
See references of WO 2011059447A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011059447 A1 20110519**; BR 112012011398 A2 20160426; CA 2780626 A1 20110519; CN 102712104 A 20121003; CN 102712104 B 20140716; EP 2498963 A1 20120919; MX 2012005317 A 20120612; MY 159961 A 20170215

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**US 2009064451 W 20091113**; BR 112012011398 A 20091113; CA 2780626 A 20091113; CN 200980163275 A 20091113; EP 09752994 A 20091113; MX 2012005317 A 20091113; MY PI2012002074 A 20091113