

Title (en)
PRECAST COMPOSITE STRUCTURAL GIRDER AND FLOOR SYSTEM

Title (de)
VORGEGOSSENER VERBUNDSTRUKTURBALKEN UND BODENSYSYSTEM DAMIT

Title (fr)
SYSTÈME DE PLANCHER ET DE POUTRE STRUCTUREL COMPOSITE PRÉMOULÉ

Publication
EP 2567041 A4 20160720 (EN)

Application
EP 11777730 A 20110301

Priority
• US 77371810 A 20100504
• US 77371410 A 20100504
• US 2011026751 W 20110301

Abstract (en)
[origin: WO2011139400A2] A composite floor panel includes a concrete floor deck having a side portion and an edge member secured to the side portion. The edge member is configured to be positioned in proximity to an adjacent edge member. The adjacent edge member is coupled to an adjacent concrete floor deck. The edge member is further configured to have a junction formed between the edge member and the adjacent edge member to define a channel. The edge member is further configured to have a binder material placed in the channel to form a joint between the concrete floor deck and the adjacent concrete floor deck.

IPC 8 full level
E04B 5/40 (2006.01); **E04B 1/68** (2006.01); **E04B 5/06** (2006.01); **E04B 5/10** (2006.01); **E04B 5/32** (2006.01); **E04B 5/43** (2006.01); **E04C 3/294** (2006.01); **E04B 1/24** (2006.01); **E04B 5/02** (2006.01); **E04C 3/29** (2006.01)

CPC (source: EP)
E04B 5/06 (2013.01); **E04B 5/10** (2013.01); **E04B 5/43** (2013.01); **E04C 3/294** (2013.01); **E04B 5/02** (2013.01); **E04B 2001/2415** (2013.01); **E04B 2001/2448** (2013.01); **E04B 2001/2454** (2013.01); **E04B 2001/2457** (2013.01); **E04C 3/291** (2013.01)

Citation (search report)
• [XY] US 2009288355 A1 20091126 - PLATT DAVID H [US], et al
• [X] US 2001037618 A1 20011108 - ROLF JOHN [CA]
• [Y] US 508280 A 18931107
• [Y] JP 2002356913 A 20021213 - KONDO HIROSHI
• See references of WO 2011139401A2

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)
WO 2011139400 A2 20111110; WO 2011139400 A3 20120202; AU 2011248977 A1 20121122; AU 2011248977 B2 20160929; BR 112012028299 A2 20161101; CA 2798243 A1 20111110; CN 102933776 A 20130213; CN 102933776 B 20150708; CO 6640259 A2 20130322; EP 2567041 A2 20130313; EP 2567041 A4 20160720; HK 1182153 A1 20131122; MX 2012012767 A 20130111; MX 345838 B 20170217; MY 157407 A 20160615; RU 2012151860 A 20140610; RU 2558868 C2 20150810; SG 185012 A1 20121129; WO 2011139401 A2 20111110; WO 2011139401 A3 20120126

DOCDB simple family (application)
US 2011026744 W 20110301; AU 2011248977 A 20110301; BR 112012028299 A 20110301; CA 2798243 A 20110301; CN 201180027709 A 20110301; CO 12219670 A 20121204; EP 11777730 A 20110301; HK 13109396 A 20130812; MX 2012012767 A 20110301; MY PI2012004806 A 20110301; RU 2012151860 A 20110301; SG 2012078754 A 20110301; US 2011026751 W 20110301