

Title (en)

METHODS, SYSTEMS AND COMPONENTS FOR MULTI-STOREY BUILDING CONSTRUCTION

Title (de)

VERFAHREN, SYSTEME UND KOMPONENTEN FÜR DEN BAU EINES MEHRSTÖCKIGEN GEBÄUDES

Title (fr)

PROCÉDÉS, SYSTÈMES ET COMPOSANTS POUR LA CONSTRUCTION DE BÂTIMENT À ÉTAGES MULTIPLES

Publication

**EP 2909387 A4 20161123 (EN)**

Application

**EP 13847728 A 20130927**

Priority

- AU 2012904568 A 20121018
- AU 2013001103 W 20130927

Abstract (en)

[origin: WO2014059463A1] A method of forming a multi-storey building structure, comprising the steps of erecting a series of vertically oriented support columns (2) in spaced apart relationship to define a generally vertical support structure, and connecting a series of horizontally oriented support beams (5) to the support columns in spaced apart relationship to define a generally horizontal support structure for a floor. Furthermore, releasably attaching a crane carriage assembly (70) to a rail formation (63) attached to the support structure (B), whereby the carriage assembly is adapted securely to traverse the rail, and hoist, position and secure a plurality of prefabricated lightweight structural panels (10), in substantially contiguous side-by-side relationship on the horizontal support structure to form a structural floor.

IPC 8 full level

**E04B 1/35** (2006.01); **B66C 7/00** (2006.01); **E04B 1/04** (2006.01); **E04B 2/88** (2006.01); **E04B 5/02** (2006.01); **E04C 2/04** (2006.01); **E04G 3/32** (2006.01); **E04G 21/14** (2006.01); **E04G 21/16** (2006.01); **B28B 7/18** (2006.01); **E04B 1/24** (2006.01)

CPC (source: EP US)

**B66D 3/18** (2013.01 - EP US); **E04B 1/19** (2013.01 - US); **E04B 1/24** (2013.01 - EP US); **E04B 1/3511** (2013.01 - US); **E04B 1/3516** (2013.01 - US); **E04B 1/38** (2013.01 - US); **E04B 5/02** (2013.01 - US); **E04C 2/04** (2013.01 - US); **E04C 2/049** (2013.01 - EP US); **E04G 21/14** (2013.01 - US); **E04G 21/142** (2013.01 - EP US); **E04G 21/167** (2013.01 - EP US); **E04H 1/00** (2013.01 - US); **E04B 2/94** (2013.01 - EP US); **E04B 5/10** (2013.01 - EP US); **E04B 2001/2415** (2013.01 - EP US); **E04B 2001/2448** (2013.01 - EP US); **E04B 2001/2481** (2013.01 - EP US); **E04B 2001/2484** (2013.01 - EP US); **E04B 2001/2496** (2013.01 - EP US); **E04C 2002/002** (2013.01 - EP US); **E04C 2002/004** (2013.01 - EP US)

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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 2014059463 A1 20140424**; AP 2015008451 A0 20150531; AU 2013101343 A4 20131107; AU 2013101343 B4 20140626; AU 2013332245 A1 20150528; AU 2018202096 A1 20180419; AU 2020200977 A1 20200227; AU 2020200977 B2 20211223; CA 2888614 A1 20140424; CN 104884714 A 20150902; EA 201590754 A1 20151130; EP 2909387 A1 20150826; EP 2909387 A4 20161123; HK 1214322 A1 20160722; JP 2015536391 A 20151221; MA 38094 A1 20160429; NZ 708000 A 20180126; PH 12015500868 A1 20150622; SG 10201703171U A 20170629; SG 11201503040P A 20150528; US 2015308096 A1 20151029; ZA 201502826 B 20160127

DOCDB simple family (application)

**AU 2013001103 W 20130927**; AP 2015008451 A 20130927; AU 2013101343 A 20131011; AU 2013332245 A 20130927; AU 2018202096 A 20180323; AU 2020200977 A 20200211; CA 2888614 A 20130927; CN 201380066522 A 20130927; EA 201590754 A 20130927; EP 13847728 A 20130927; HK 16102181 A 20160225; JP 2015537079 A 20130927; MA 38094 A 20130927; NZ 70800013 A 20130927; PH 12015500868 A 20150417; SG 10201703171U A 20130927; SG 11201503040P A 20130927; US 201314436858 A 20130927; ZA 201502826 A 20150424