

Title (en)

Construction for housing with bearing walls and floors made from prefabricated concrete panels

Title (de)

Konstruktion zur Behausung mit tragenden Mauern und Decken aus Beton-Fertigplatten.

Title (fr)

Construction pour logements à murs porteurs et planchers réalisés en panneaux préfabriqués en béton

Publication

EP 2495374 B1 20140611 (FR)

Application

EP 12290057 A 20120216

Priority

FR 1100654 A 20110304

Abstract (en)

[origin: EP2495374A1] The construction has pre-fabricated concrete panels (12) constituted by superposition of a first poured concrete layer, a second board type insulation layer and a third poured concrete layer. The panels are arranged into three superimposed levels that include juxtaposed skirting type lower panels (1), for the first level, resting on a floor, backboard type medial panels (2), for the second level, resting on the lower panels and juxtaposed lintel type upper panels (3), for the third level, resting on the medial panels. The panels comprise metallic reinforcing frame and metallic reinforcing meshes. An independent claim is also included for a panel fabricating mold comprising a skin made of elastomer material.

IPC 8 full level

E04B 1/14 (2006.01); **E04B 1/343** (2006.01); **E04B 1/76** (2006.01); **E04B 2/04** (2006.01); **E04B 2/92** (2006.01); **E04B 5/06** (2006.01); **E04C 2/04** (2006.01); **E04C 2/38** (2006.01)

CPC (source: EP)

B28B 7/0064 (2013.01); **B28B 7/364** (2013.01); **B28B 19/0015** (2013.01); **B28B 19/003** (2013.01); **E04B 1/14** (2013.01); **E04B 1/34321** (2013.01); **E04B 1/76** (2013.01); **E04B 2/04** (2013.01); **E04B 2/92** (2013.01); **E04B 5/06** (2013.01); **E04C 2/044** (2013.01); **E04C 2/382** (2013.01)

Cited by

CN103206039A; CN106050052A; US9593487B2; US10156073B2

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 2495374 A1 20120905; **EP 2495374 B1 20140611**; FR 2972205 A1 20120907

DOCDB simple family (application)

EP 12290057 A 20120216; FR 1100654 A 20110304