

Title (en)  
INHABITABLE CONSTRUCTION

Title (de)  
BEWOHNBARE KONSTRUKTION

Title (fr)  
CONSTRUCTION HABITABLE

Publication  
**EP 2194213 A1 20100609 (EN)**

Application  
**EP 08718452 A 20080115**

Priority  
• ES 2008070004 W 20080115  
• ES 200702455 A 20070914

Abstract (en)  
The purpose of the present invention is a habitable construction formed from a series of pre-cast concrete panels, arranged adjacently through tongue and groove connection, which rest on a floor which constitutes the base of the construction and which are fixed by means of a metal structure defined by pillars and approved profiles which connect the perimeter, where a layer of insulating material, such as expanded polyurethane, polystyrene or similar is projected onto the interior part of the pre-cast concrete panels, which is followed by an air chamber and finished with an interior finish panel, ensuring in this way the horizontal stability of the construction due to the tongue and groove connection, in addition to forming the connection at the corners by simply facing the pre-cast concrete panels at 90°, with one panel turned 180° in respect of the adjacent one.

IPC 8 full level  
**E04H 1/02** (2006.01)

CPC (source: EP ES)  
**E04B 1/04** (2013.01 - EP); **E04C 2/049** (2013.01 - ES); **E04C 2/2885** (2013.01 - ES); **E04H 1/1205** (2013.01 - EP);  
**E04H 2001/1283** (2013.01 - EP)

Cited by  
EP3168381A1; US9234349B1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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