

Title (en)  
SEMI-PREFABRICATED BUILDING AND ASSOCIATED CONSTRUCTION METHOD

Title (de)  
HALBFERTIGTEILGEBÄUDE UND ZUGEHÖRIGES KONSTRUKTIONSVERFAHREN

Title (fr)  
BÂTIMENT SEMI-PRÉFABRIQUÉ ET PROCÉDÉ DE CONSTRUCTION DUDIT BÂTIMENT

Publication  
**EP 2610411 A2 20130703 (EN)**

Application  
**EP 11724684 A 20110412**

Priority  
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• ES 2011070246 W 20110412

Abstract (en)  
The invention can be used for the simple, quick construction of prefabricated buildings. The building comprises a floor (2), walls (1) and a roof (3), all of which are prefabricated. The walls (1) and roof (3) are semi-rigidly connected by first bars (7) and the roof (3) includes openings (6) for securing lifting means (4) comprising hydraulic jacks (4) formed by a casing (8) secured to the floor (2) and pistons (9) that can move in relation to the casing (8). The synchronised actuation of the jacks (4) allows the walls (1) to be lowered and moved in relation to the floor (2) by means of the first bars (7), with the roof (3) and walls (1) being lifted simultaneously. The walls (1) are connected to one another and to the roof (3) by means of concrete that is poured into first (19) and second (21, 22) moulds secured at the corners of the walls (1) and the roof (3).

IPC 8 full level  
**E04B 1/35** (2006.01)

CPC (source: EP ES)  
**E04B 1/3533** (2013.01 - EP ES); **E04B 2001/3588** (2013.01 - EP)

Citation (search report)  
See references of WO 2012025645A2

Cited by  
CN110093985A; CN105735654A; CN108374526A

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