

Title (en)  
WALL ERECTED WITH INSULATION BLOCKS

Title (de)  
MAUER ERSTELLT MIT DÄMMBLÖCKEN

Title (fr)  
MUR RÉALISÉ AVEC DES BLOCS D'ISOLATION

Publication  
**EP 3112548 C0 20230927 (EN)**

Application  
**EP 16382308 A 20160629**

Priority  
ES 201530930 A 20150629

Abstract (en)  
[origin: EP3112548A1] The present invention relates to an insulating block for the erection of walls, including two parallel main wall faces (10) surrounded and attached to one another by means of four perimetral faces (11); a body of insulating material (20); at least one cladding panel (21) of rigid material attached to the body of insulating material, said cladding panel (21) forming at least one main face of the block; said at least one cladding panel (21) covering a main face taking up less than 25% of the block volume; and the distance existing between the main faces (10) being at least 7 cm; the insulating material (20) having a density of between 100 and 200 kg/m<sup>3</sup>; and a compressive strength of at least 100 kPa; such that the body of insulating material (20) of each block allows supporting the weight of other identical superimposed blocks for the erection of self-supporting walls at least 3 m high.

IPC 8 full level  
**E04C 1/40** (2006.01); **E04C 1/41** (2006.01)

CPC (source: EP ES)  
**E04B 2/02** (2013.01 - ES); **E04C 1/40** (2013.01 - EP); **E04C 1/41** (2013.01 - EP ES); **E04C 2/284** (2013.01 - ES)

Cited by  
CN110409702A; CN110678615A; EP3584383A4

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

Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)  
**EP 3112548 A1 20170104**; **EP 3112548 A9 20191113**; **EP 3112548 B1 20230927**; **EP 3112548 C0 20230927**; ES 2595511 A1 20161230; ES 2595511 B1 20170908; ES 2964039 T3 20240403

DOCDB simple family (application)  
**EP 16382308 A 20160629**; ES 16382308 T 20160629; ES 201530930 A 20150629