

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 B1 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/m³; 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)

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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)

Citation (examination)

- US 2014196397 A1 20140717 - SOURLIS TOM [US], et al
- EP 2123839 A2 20091125 - C M E SPA SA [IT]
- ES 2457992 A1 20140429 - KNAUF MIRET S L U [ES]
- FR 2308750 A1 19761119 - ANFRA ETS [LI]

Cited by
CN110409702A; CN110678615A; EP3584383A4

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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

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