

Title (en)

BUILDING BLOCK WITH INSULATING MATERIAL INCORPORATED THEREIN FOR EXTERIOR INSULATION

Publication

**EP 0041417 B1 19840801 (FR)**

Application

**EP 81400726 A 19810507**

Priority

FR 8011973 A 19800529

Abstract (en)

[origin: EP0041417A1] 1. Prefabricated building unit with incorporated insulation, and designed to the manufacture of an insulated wall by assembling such units by means of a mortar, said unit (10) comprising a bearing part (11) designed to be placed in the inner side of the wall, a facing part (12) designed to be placed on the outer side of the wall and an insulating plate (13) interposed between the bearing part (11) and the facing part (12), and having projecting ribs (14, 15) engaged in corresponding grooves (16, 17) provided in those sides of the bearing part and the facing part, which are in opposite relation, the insulating plate constituting the means for connecting the facing part (12) to the bearing part (11), characterized in that a plurality of air gaps (19) are provided between the opposite faces of the insulating plate (13) and of the facing part (12), so that when several units are assembled together, channels are formed by aligned air gaps, inside which the air can flow in these channels to reduce the temperature differences between the opposite faces of the facing parts of the assembled units and prevent deterioration of these facing parts owing to thermal stresses.

IPC 1-7

**E04C 1/40**

IPC 8 full level

**E04C 1/40** (2006.01); **E04C 1/41** (2006.01)

CPC (source: EP)

**E04C 1/41** (2013.01)

Citation (examination)

- FR 2357695 A1 19780203 - COFIRAG SA [LU]
- L'isolation acoustique et thermique dans le bâtiment par Claude Rougeron Editions Eyrolles - Paris 1977, p. 301 à 303

Cited by

EP1085137A1; FR2588901A1; FR2577255A1; FR2558867A1; CN113090076A; AT507526B1; EP2226444A3; FR2927915A1; EP2096221A3; EP2226444A2; EP2116663A1; WO2006014039A1; WO9810156A1; WO2006014038A1; EP0112213B1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0041417 A1 19811209; EP 0041417 B1 19840801**; AT E8805 T1 19840815; DE 3165198 D1 19840906; FR 2485063 A1 19811224; FR 2485063 B1 19830916

DOCDB simple family (application)

**EP 81400726 A 19810507**; AT 81400726 T 19810507; DE 3165198 T 19810507; FR 8011973 A 19800529