

Title (en)
WALL UNITS FOR CONSTRUCTING BUILDINGS

Publication
EP 0392610 A3 19910904 (EN)

Application
EP 90200842 A 19900409

Priority
US 33544589 A 19890410

Abstract (en)
[origin: EP0392610A2] Wall units for buildings are prepared by positioning pieces of insulation (30-33) in a mold (20) with furring members (42) between the blocks of insulation (30-33). Reinforcement members (46) can also be positioned in the mold (20), and preferably are secured to the furring members (42). A cementitious material is poured in the mold (20) and cured to form a light weight wall unit having good strength and insulating characteristics. Several wall units are cast in suitable shapes to form, when assembled, the walls of a building. Suitable fastening structure (64, 65) can be incorporated into the wall units to facilitate the interconnection of adjacent units. Additional fastening structure (60, 61) can be provided in the wall units by which the wall units can be secured to a foundation.

IPC 1-7
E04C 2/26

IPC 8 full level
E04C 2/04 (2006.01); **E04C 2/288** (2006.01); **E04C 2/38** (2006.01)

CPC (source: EP)
E04C 2/044 (2013.01); **E04C 2/049** (2013.01); **E04C 2/06** (2013.01); **E04C 2/288** (2013.01); **E04C 2/382** (2013.01)

Citation (search report)
• [X] US 4542613 A 19850924 - LEYTE-VIDAL MARCO A [US]
• [X] US 4112646 A 19780912 - CLELLAND JOHN J
• [X] CA 1052121 A 19790410 - CLELLAND JOHN J
• [A] DE 2807537 A1 19780907 - BUCHER RUDOLF
• [A] EP 0000837 A1 19790221 - TILLY GRAEME JOHN

Cited by
US5865001A; US5381635A; CN105908863A; US6003278A; GB2317404A; GB2317404B; DE19523673A1; US5794386A; NL9201510A; CN110629928A; US5313753A; EP0615035A3; US5758463A; WO9841707A1; WO2006056969A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0392610 A2 19901017; EP 0392610 A3 19910904; CA 2012600 A1 19901010; IL 94056 A0 19910131

DOCDB simple family (application)
EP 90200842 A 19900409; CA 2012600 A 19900320; IL 9405690 A 19900409