

Title (en)  
Moulded building block from clay and process for its manufacture

Title (de)  
Formbaustein aus Ton und Verfahren zu seiner Herstellung

Title (fr)  
Parpaing en terre cuite et procédé d'obtention

Publication  
**EP 0726369 A1 19960814 (FR)**

Application  
**EP 96400188 A 19960125**

Priority  
FR 9500944 A 19950125

Abstract (en)  
The terracotta breezeblock is constituted by an enclosure (2) with vertical walls, partially closed on the top . There are two vertical external faces (4) opposite to the walls each having a rectangular facing (4a) having a hollow rectangular joint (5) on one vertical and one horizontal edge. The other vertical and horizontal edges of the facing are coincident with the horizontal (4d) and vertical (4e) edges of the vertical face. The upper horizontal face (6) of the enclosure has a rectangular opening (6a) edged by a relief moulding. This moulding is interrupted on each of the opening large sides to form a transverse groove (6c) centred on the opening. Each of the large external vertical faces are separated from each other by a first vertical portion (5a) of the hollow joint. This portion is extended along the upper horizontal edge (4b) of the face by a portion (5b) and along the vertical edges (4c) of the same face by a second vertical portion (5c). The terracotta blocks can be easily laid by an amateur, the lateral and longitudinal alignment being automatically assured by relief guide mouldings on their upper surface which engage in the lower edges of blocks in an upper row.

Abstract (fr)  
La présente invention concerne un parpaing (1) en terre cuite obtenu sans travail de finition après cuisson, destiné au montage de structure, par empilement, caractérisé en ce qu'il est constitué d'une ceinture (2) parallélépipédique aux parois verticales, partiellement fermée sur le dessus et en ce qu'au moins deux faces verticales (4) extérieures opposées desdites parois verticales comportent chacune au moins un parement (4a) rectangulaire, de section normalement rectangulaire, bordé sur une de ses arêtes verticales et une de ses arêtes horizontale par un joint creux (5), de section normalement rectangulaire, l'autre arête verticale et l'autre arête horizontale desdits parements coïncidant respectivement, sur le bord horizontal (4d) et le bord vertical correspondants (4e) de la face verticale, avec l'arête de ladite face. L'invention concerne également un procédé et le dispositif le mettant en oeuvre, permettant de fabriquer le parpaing (1). <IMAGE>

IPC 1-7  
**E04B 2/18**; B28B 7/44; B28B 7/00

IPC 8 full level  
**B28B 7/44** (2006.01); **E04B 2/18** (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP)  
**B28B 7/44** (2013.01); **E04B 2/18** (2013.01); **E04B 2002/0204** (2013.01); **E04B 2002/0267** (2013.01)

Citation (search report)

- [Y] AT 360724 B 19810126 - EBENSEER BETONWERKE GMBH
- [Y] BE 528025 A
- [YA] US 4031678 A 19770628 - SCHURING JAMES A
- [YA] FR 1143643 A 19571003
- [Y] GB 1590875 A 19810610 - LINTON D
- [YA] US 1483513 A 19240212 - MORRIS KATCHER, et al
- [A] US 4627209 A 19861209 - SCHWARTZ ERVIN J [US]
- [A] GB 2037841 A 19800716 - TECH J HAPPEL & CIE BUREAU ET
- [A] GB 1118541 A 19680703 - FISHER PLASTICS LTD H
- [A] DE 33010 C
- [A] DE 212738 C

Cited by  
LU91818B1; FR3075234A1; CN111684138A; US11208802B2; WO2019122730A1

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

DOCDB simple family (publication)  
**EP 0726369 A1 19960814**; FR 2729601 A1 19960726

DOCDB simple family (application)  
**EP 96400188 A 19960125**; FR 9500944 A 19950125