

Title (en)

Prefabricated transportable construction element for building of walls and or ceilings and method for manufacturing the same

Title (de)

Vorgefertigtes transportables Bauelement zur Errichtung von Wänden oder/und Decken sowie Verfahren zu seiner Herstellung

Title (fr)

Élément de construction préfabriquée et transportable pour la réalisation de paroi et ou de plafond et procédé pour sa fabrication

Publication

EP 1270839 A3 20031105 (DE)

Application

EP 02012953 A 20020612

Priority

- DE 10130077 A 20010619
- DE 10137313 A 20010725

Abstract (en)

[origin: EP1270839A2] The prefabricated and transportable construction component (1), for the erection of walls and/or ceilings, has a concrete core (5) and a layer of bricks (7) using bricks and mortar. The brick layer acts as a lost mold for the concrete. A brick wall is erected at a gap from a mold shell wall, using bricks and mortar, and the space between the wall and the mold shell is filled with concrete to shape the concrete core.

IPC 1-7

E04C 3/44; E04C 1/40; B28B 19/00

IPC 8 full level

B28B 19/00 (2006.01); **E04B 1/04** (2006.01); **E04B 5/08** (2006.01); **E04G 21/14** (2006.01); **E04C 2/00** (2006.01)

CPC (source: EP)

B28B 19/0053 (2013.01); **E04B 1/04** (2013.01); **E04B 5/08** (2013.01); **E04G 21/142** (2013.01); **E04G 21/147** (2013.01); **E04C 2002/002** (2013.01); **E04C 2002/008** (2013.01)

Citation (search report)

- [XA] US 3768225 A 19731030 - SLOAN M
- [XA] US 1809504 A 19310609 - RICHARD CARVEL
- [A] US 2360285 A 19441010 - SHERMAN JOHN S

Cited by

FR2870268A1; CN103437504A; EP2140992A3; ITUD20100202A1; DE102013100758A1; DE102013100758B4; BE1027197B1; GB2449919A; EP1975334A3; NO339547B1; EP1671768A1; EP3725970A1; WO2014115059A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1270839 A2 20030102; EP 1270839 A3 20031105

DOCDB simple family (application)

EP 02012953 A 20020612