

Title (en)

Method of constructing a building using insulating panels as shuttering.

Title (de)

Verfahren zur Erstellung eines Gebäudes mittels isolierter Platten nach dem System der verlorenen Schalung.

Title (fr)

Procédé de construction d'un bâtiment au moyen de panneaux isolants utilisés comme coffrage perdu.

Publication

EP 0031171 A2 19810701 (FR)

Application

EP 80200334 A 19800414

Priority

CH 1120579 A 19791218

Abstract (en)

1. A building panel of light-weight and insulating material, adapted to receive on each face a final sheathing, which comprises tubular passages (10) parallel to one of the sides of the panel and in which tubes (11, 11a) made of cardboard plastics or similar are disposed, said tubes being adapted to be filled with concrete, characterized in that the tubular passages, provided with the lining tubes (11, 11a) are interconnected by transverse passages (14) extending throughout the panel width, in such a way that the panel (1) provided with said tubes (11, 11a) can be used as lot shuttering for building a concrete wall presenting a lightened quasi continuous structure.

Abstract (fr)

Le panneau est constitué de tubes parallèles (11) en carton, plastique ou matière similaire assemblés les uns aux autres et constituant des vides destinés à être remplis d'un matériau approprié tel que du béton. Les tubes sont perforés radialement (14) de façon à former un passage transversal s'étendant de part en part du panneau. Les tubes sont de préférence englobés dans des blocks de polystyrène expansé.

IPC 1-7

E04C 2/30

IPC 8 full level

E04B 2/02 (2006.01); **E04B 2/26** (2006.01); **E04C 2/30** (2006.01); **E04C 2/52** (2006.01)

CPC (source: EP)

E04B 2/26 (2013.01); **E04C 2/30** (2013.01); **E04B 2002/0206** (2013.01)

Cited by

DE19805088A1; US5566521A; DE102016202893A1; DE102016201484A1; US4439122A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0031171 A2 19810701; **EP 0031171 A3 19810916**; **EP 0031171 B1 19840711**; CH 638266 A5 19830915; DE 3068497 D1 19840816; JP S5693955 A 19810729; ZA 807235 B 19811125

DOCDB simple family (application)

EP 80200334 A 19800414; CH 1120579 A 19791218; DE 3068497 T 19800414; JP 17335480 A 19801210; ZA 807235 A 19801120