

Title (en)

Self-supporting and insulating lightweight slab for the construction of a unidirectional reinforcement

Title (de)

Selbsttragende und isolierende Leichtbauplatte zur Herstellung von unidirektionalen Bewehrungen

Title (fr)

Plaque allégée, autoportante et isolante destinée à la construction d'armatures unidirectionnelles

Publication

EP 1111146 A3 20011024 (FR)

Application

EP 00500031 A 20000301

Priority

ES 9903206 U 19991220

Abstract (en)

[origin: EP1111146A2] The panel (1) is made from two components - an inner member (2) of solid expanded polystyrene with trapezoid-section grooves (5) in its under-surface for electrical wiring, and an outer member (6) of concrete reinforced with steel rods (7) covering the top and sides of the inner member. The outer lateral surfaces of the outer member have lengthwise channels (8) and recesses (9) to provide keys for a covering layer of concrete.

IPC 1-7

E04B 5/06; E04B 5/38; E04B 5/48; E04B 5/02

IPC 8 full level

E04B 5/06 (2006.01); **E04B 5/38** (2006.01); **E04B 5/48** (2006.01)

CPC (source: EP)

E04B 5/043 (2013.01); **E04B 5/38** (2013.01); **E04B 5/48** (2013.01)

Citation (search report)

- [Y] DE 2405949 A1 19750821 - GROS WINFRIED
- [YA] DE 3040322 A1 19820527 - BAUER EDMUND [DE]
- [A] FR 2025296 A5 19700904 - MARBAMA

Cited by

NL1036060C2; CN107327061A; CN100420808C; US8438806B2; WO2007040461A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1111146 A2 20010627; **EP 1111146 A3 20011024**; ES 1044911 U 20000616; ES 1044911 Y 20010601

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