

Title (en)
A structural panel

Title (de)
Bauplatte

Title (fr)
Panneau de construction

Publication
EP 0940516 A1 19990908 (EN)

Application
EP 98200702 A 19980306

Priority
EP 98200702 A 19980306

Abstract (en)
A structural panel (1) for a prefabricated building comprising an insulating panel core (2) reinforced by a warren truss type lattice structure (3,4). The structural panel is provided with a tongue and groove construction (9,10) to permit adjoining panels to be joined to one another. The panel core is mounted on a fastening (5) at each of the lower corners of the panel core. The fastening has vertical arms (12a,b) which are adapted to grip the surface of the panel core. A lower edge of the panel core sits on a raised section (14) between the arms (12a,b). The panel core and the fastening are then encapsulated in concrete. The lattice structure protrudes from the surface plane of the panel core to provide the concrete with structural reinforcement. <IMAGE>

IPC 1-7
E04C 2/04; **E04C 2/288**

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

CPC (source: EP)
E04C 2/049 (2013.01); **E04C 2/2885** (2013.01)

Citation (search report)
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• [Y] GB 598690 A 19480224 - ERNEST GOODALL MALTHOUSE
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Designated contracting state (EPC)
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