

Title (en)

INSULATING PANEL OF A COMPOSITE MATERIAL

Publication

EP 0153291 B1 19891206 (FR)

Application

EP 85870023 A 19850208

Priority

BE 212390 A 19840215

Abstract (en)

[origin: EP0153291A1] The composite insulation panel is partic. intended for use as a load bearing roofing element. It comprises a plastic foam, pref. polyurethane, core contg. a reinforcing structure sandwiched between (thin, e.g. 15-20 mm) plates on expanded perlite basis. (At least 5% expanded perlite with organic and/or inorganic fibres and bonding agents). The reinforcement may comprise steel or plastic mesh and parallel members each connecting parallel longitudinal bars which are in turn connected to the lower and upper mesh. The panel may have tongue and groove edges.

IPC 1-7

E04C 2/24; **E04C 2/26**

IPC 8 full level

E04C 2/22 (2006.01); **E04C 2/24** (2006.01); **E04C 2/296** (2006.01)

CPC (source: EP US)

E04C 2/22 (2013.01 - EP US); **E04C 2/243** (2013.01 - EP US); **E04C 2/296** (2013.01 - EP US); **Y10T 428/24157** (2015.01 - EP US); **Y10T 428/24996** (2015.04 - EP US); **Y10T 428/249973** (2015.04 - EP US); **Y10T 428/24999** (2015.04 - EP US)

Citation (examination)

DE 1121323 B 19620104 - BAYER AG

Cited by

EP0688915A1; NL9400813A

Designated contracting state (EPC)

CH DE FR GB IT LI LU NL

DOCDB simple family (publication)

EP 0153291 A1 19850828; **EP 0153291 B1 19891206**; DE 3574608 D1 19900111; ES 540406 A0 19851201; ES 8603007 A1 19851201; US 4572857 A 19860225

DOCDB simple family (application)

EP 85870023 A 19850208; DE 3574608 T 19850208; ES 540406 A 19850214; US 69871885 A 19850206