

Title (en)
LIGHT-WEIGHT CONSTRUCTION PANEL COMPOSED OF PANEL MODULES

Publication
EP 0358930 B1 19920708 (DE)

Application
EP 89114488 A 19890805

Priority
DE 3831473 A 19880916

Abstract (en)
[origin: EP0358930A1] Light-weight construction panel consisting of a plurality of identical panel modules (1, 2) which are composed, sandwich-like, of two outer cover layers (3, 4) and of a foamed plastic core (5) in between. The butt joints of the panel modules are bridged at least on one side by a clamp (9, 10), the end pieces of which engage in the cover layer of the panel modules. The cover layers (3, 4) of the panel modules consist of a rigid skin, the grooves (14, 15) which accommodate the end pieces of the clamps being formed before foaming. One clamp (9, 10) each is provided in the region of the butt joints both on the front and on the rear of the light-weight construction panel (1). <IMAGE>

IPC 1-7
E04B 1/61; **E04C 2/26**; **E04F 13/08**; **E04F 13/18**

IPC 8 full level
E04B 1/61 (2006.01); **E04C 2/26** (2006.01); **E04C 2/292** (2006.01); **E04F 13/08** (2006.01); **E04F 13/18** (2006.01)

CPC (source: EP)
E04B 1/6112 (2013.01); **E04C 2/292** (2013.01); **E04F 13/0892** (2013.01); **E04F 13/18** (2013.01)

Cited by
CN103912189A; CN103924872A; NO338582B1; WO9115681A1; WO2009141129A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0358930 A1 19900321; **EP 0358930 B1 19920708**; AT E78073 T1 19920715; DE 3831473 A1 19900322; DE 3831473 C2 19910124; DE 58901809 D1 19920813; ES 2033496 T3 19930316

DOCDB simple family (application)
EP 89114488 A 19890805; AT 89114488 T 19890805; DE 3831473 A 19880916; DE 58901809 T 19890805; ES 89114488 T 19890805