

Title (en)

Heat insulating construction element, especially for roofs and walls.

Title (de)

Wärmeisolierendes Bauelement, insbesondere für Dach- und Wandkonstruktionen.

Title (fr)

Element de construction isolant, notamment pour des toits ou des murs.

Publication

EP 0597182 B1 19941228 (DE)

Application

EP 93110311 A 19930629

Priority

DE 4238243 A 19921112

Abstract (en)

[origin: EP0597182A1] In the case of a heat-insulating structural element, in particular for roof and wall structures, a plurality of material layers (1 - 4) are connected to one another over their entire surface to form a sandwich panel. In this arrangement, a foamed-plastic layer (3) is provided between two outer covering layers (1, 4) which are of the same thickness and are based on wood. A surprisingly large degree of improvement in the sound-insulating capacity is achieved, in the case of such a structural element, in that an intermediate layer (2) based on gypsum, e.g. a gypsum plasterboard, is arranged between the foamed-plastic layer and one (3) of the two outer covering layers (1). <IMAGE>

IPC 1-7

E04C 2/26

IPC 8 full level

E04C 2/26 (2006.01); **E04C 2/296** (2006.01)

CPC (source: EP)

E04C 2/296 (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0597182 A1 19940518; EP 0597182 B1 19941228; AT E116400 T1 19950115; DE 59300049 D1 19950209

DOCDB simple family (application)

EP 93110311 A 19930629; AT 93110311 T 19930629; DE 59300049 T 19930629