

Title (en)  
Insulating construction element

Title (de)  
Wärmeisolierendes Bauelement

Title (fr)  
Élément de construction isolant

Publication  
**EP 0872605 A3 19991124 (EN)**

Application  
**EP 98106775 A 19980414**

Priority  
IT MI970890 A 19970417

Abstract (en)  
[origin: EP0872605A2] An insulating construction element comprising a panel having at least one layer formed of an insulating plastic material, and an element for connecting the lateral edges of the panel to the corresponding lateral edges of adjacent panels so as to form an insulating surface. The panel layer (1) comprises along each of its lateral edges (1A-D) a continuous seat (3A, B), said seats being provided at different heights (H1, H2) such that the seat (3A) of a first lateral edge (1B) of the panel is located at a height (H2) different from that of the seat (3B) of a lateral edge (1A) adjacent to the first, the seats provided in mutually parallel edges being located at the same height, the connection elements (2) being shaped such that on being forced they penetrate in a sealed manner partially into the seats of a first panel and partially into the seats of the lateral edge of the panel adjacent to the first, at least one of said connection elements (2) extending continuously from one panel to the other along the entire insulating surface obtained by connecting the panels together. <IMAGE>

IPC 1-7  
**E04B 7/22**

IPC 8 full level  
**E04B 1/61** (2006.01); **E04B 1/684** (2006.01); **E04B 7/22** (2006.01)

CPC (source: EP)  
**E04B 1/6154** (2013.01); **E04B 7/22** (2013.01)

Citation (search report)  
• [Y] DE 3932980 A1 19911128 - HOELSCHER & LEUSCHNER GMBH [DE]  
• [Y] US 2225612 A 19401224 - ALLEN CHARLES W  
• [A] GB 2011982 A 19790718 - HORTON ENGS LTD R G

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GB2598379A; ES2277687A1; EP1001102A3; WO2016046410A1

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