

Title (en)  
Heat insulation structural member

Title (de)  
Bauelement zur Wärmedämmung

Title (fr)  
Élément de construction pour isolation thermique

Publication  
**EP 0658660 B1 19990324 (DE)**

Application  
**EP 94119465 A 19941209**

Priority  
DE 4342673 A 19931215

Abstract (en)  
[origin: EP0658660A1] The invention relates to a structural element (3) for heat insulation, between two structural parts (1, 2) which are to be concreted, by means of an insulating body (4) with integrated reinforcement bars (5, 6, 7). In order to use the structural element (3) in the case of prefabricated hollow panels (1, 2) with cavities (1a) extending perpendicularly with respect to the structural element (3), the compression bars (6) arranged in the lower region of the insulating body (4) are extended on both sides such that they alternatively also function as tension bars, and the position of the reinforcement bars (5, 6, 7) in the insulating body (4) is adapted to the grid dimension of the intermediate webs (1b) located between the cavities (1a). <IMAGE>

IPC 1-7  
**E04B 1/80**

IPC 8 full level  
**E04B 1/78** (2006.01); **E04B 1/00** (2006.01); **E04B 1/80** (2006.01); **E04B 5/06** (2006.01); **E04C 5/01** (2006.01)

CPC (source: EP US)  
**E04B 1/0038** (2013.01 - EP US)

Citation (examination)  
EP 0338972 A1 19891025 - BAU BOX EWIAG [CH]

Cited by  
EP1148179A1; DE19731093A1; DE19731093B4; FR2887905A1; EP2369073A3; US8151531B2; WO2007003739A1

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

DOCDB simple family (publication)  
**EP 0658660 A1 19950621; EP 0658660 B1 19990324**; AT E178110 T1 19990415; CZ 283486 B6 19980415; CZ 313594 A3 19950712; DE 4342673 A1 19950622; DE 59408001 D1 19990429; DK 0658660 T3 19990525; HU 216426 B 19990628; HU 9403595 D0 19950228; HU T68432 A 19950628; PL 306273 A1 19950626; US 5799457 A 19980901

DOCDB simple family (application)  
**EP 94119465 A 19941209**; AT 94119465 T 19941209; CZ 313594 A 19941213; DE 4342673 A 19931215; DE 59408001 T 19941209; DK 94119465 T 19941209; HU 9403595 A 19941214; PL 30627394 A 19941214; US 80128997 A 19970218