

Title (en)
Heat insulation element

Title (de)
Wärmedämmelement

Title (fr)
Élément d'isolation thermique

Publication
EP 0959190 A3 20000223 (DE)

Application
EP 99108797 A 19990503

Priority
DE 29808924 U 19980516

Abstract (en)
[origin: EP0959190A2] The element consists of a core panel (2) with two large upper surfaces (3,4), and cover layers (5) located on the upper surfaces. The core panel consists of a material whose density is less than the density of the cover layer, whereby the cover layers are compression-proof in the direction normal to the surface. The core panel consists of a hard foam such as expanded polystyrol or polyurethane, and has a density of between 15 and 20 kg/m³. The cover layers are non-positively connected to the core panel using e.g. adhesive.

IPC 1-7
E04B 7/22; E04D 13/16; E04B 1/80; E04B 7/20

IPC 8 full level
E04B 1/80 (2006.01); **E04C 2/296** (2006.01); E04B 1/76 (2006.01)

CPC (source: EP)
E04B 1/80 (2013.01); **E04C 2/296** (2013.01); E04B 2001/7683 (2013.01)

Citation (search report)

- [XA] WO 9416163 A1 19940721 - ROCKWOOL INT [DK], et al
- [A] EP 0796960 A1 19970924 - ISOBOUW SYSTEMS BV [NL]
- [A] FR 2060647 A5 19710618 - CHEMISCHE WERKE WORMS
- [A] WO 9626330 A1 19960829 - COSPI NAAMLOZE VENNOOTSCHAP [BE]

Cited by
WO2014102713A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0959190 A2 19991124; **EP 0959190 A3 20000223**; **EP 0959190 B1 20050907**; AT E304091 T1 20050915; DE 29808924 U1 19980903; DE 59912514 D1 20051013; DK 0959190 T3 20060116

DOCDB simple family (application)
EP 99108797 A 19990503; AT 99108797 T 19990503; DE 29808924 U 19980516; DE 59912514 T 19990503; DK 99108797 T 19990503