

Title (en)

Loadbearing sections for mullion-transom-art façades, awnings, canopy roofs or the like

Title (de)

Tragprofile für Riegel-Pfosten-Fassaden, Vordächer, Galerien o. dgl.

Title (fr)

Profilés support pour façades en forme de montant/traverse, auvents, galeries de toit ou analogues

Publication

EP 0952270 B2 20130911 (DE)

Application

EP 99105647 A 19990319

Priority

DE 19817708 A 19980421

Abstract (en)

[origin: EP0952270A2] In the groove engages the longitudinal area of the rib (4). The rib is connected to the beam (3) by a press seat or a cold press welding. The edges of the longitudinal groove are formed by deformable strips in the direction of the rib insert. The edge strips are formed by material accumulations or through other grooves running parallel to the grooves. The groove walls are provided with teeth or other profiled structures. At least one beam is an extruded profile of aluminium, provided with anchoring grooves for sealing strips. The ribs (4,13) are extruded profiles of light metal, plastic or steel.

IPC 8 full level

E04C 3/06 (2006.01); **B21D 39/03** (2006.01); **E04B 2/96** (2006.01); **E04D 3/08** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)

B21D 39/038 (2013.01); **E04B 2/96** (2013.01); **E04C 3/06** (2013.01); **E04D 3/08** (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/0434** (2013.01); **E04C 2003/0452** (2013.01); **E04C 2003/046** (2013.01); **E04D 2003/0818** (2013.01); **E04D 2003/0837** (2013.01)

Citation (opposition)

Opponent :

- DE 3501233 A1 19860717 - ISKOAL FIRMENGRUPPE FUER FENST [DE]
- DE 2559599 A1 19770825 - FUCHS KG OTTO, et al
- EP 0260224 A1 19880316 - ALUSUISSE [CH]
- DE 448116 C 19270805 - EISEN U STAHLWERK HOESCH AKT G

Cited by

EP1653022A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL

Designated extension state (EPC)

LT LV

DOCDB simple family (publication)

EP 0952270 A2 19991027; **EP 0952270 A3 20001227**; **EP 0952270 B1 20041013**; **EP 0952270 B2 20130911**; AT E279606 T1 20041015; DE 19817708 A1 19991028; DE 29825152 U1 20050804; DE 59910795 D1 20041118; DK 0952270 T3 20050103; ES 2227919 T3 20050401; PL 201509 B1 20090430; PL 332615 A1 19991025; RU 2237788 C2 20041010

DOCDB simple family (application)

EP 99105647 A 19990319; AT 99105647 T 19990319; DE 19817708 A 19980421; DE 29825152 U 19980421; DE 59910795 T 19990319; DK 99105647 T 19990319; ES 99105647 T 19990319; PL 33261599 A 19990420; RU 99109098 A 19990420