

Title (en)

Heat-insulating composite profile, in particular for the frames of doors, windows, façade elements or similar

Title (de)

Wärmegeädämmtes Verbundprofil, insbesondere für Rahmen von Türen, Fenstern, Fassadenelementen oder dergl.

Title (fr)

Profilé composite calorifuge, en particulier pour l'encadrement de fenêtres, portes, éléments de façade ou similaires

Publication

EP 0838571 B1 20030212 (DE)

Application

EP 97115389 A 19970905

Priority

DE 19643693 A 19961023

Abstract (en)

[origin: EP0838571A1] The composite section consists of an exterior and interior metal piece (1,2) joined by insulating bridge-piece (3) forming a thermal insulating bridge. The insulating bridge-piece has longitudinal, preferably dovetailed, widening end pieces forming a foot (4) fitting into back-tapered grooves (5) on the metal sections. The end pieces on the end side (12) facing the metal pieces has at least one longitudinal gap (13) which takes an arm (14) protruding from the metal piece. The depth of the gap matches at least the width of the end piece. The gap's sides are parallel.

IPC 1-7

E06B 3/26

IPC 8 full level

E06B 3/12 (2006.01); **E06B 3/26** (2006.01); **E06B 3/273** (2006.01); **E06B 3/263** (2006.01)

CPC (source: EP)

E06B 3/273 (2013.01); **E06B 2003/26314** (2013.01); **E06B 2003/26352** (2013.01); **E06B 2003/26389** (2013.01)

Cited by

CN104047503A; EP1997998A3; EP1621716A3; CN105696908A; US7640709B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0838571 A1 19980429; **EP 0838571 B1 20030212**; AT E232571 T1 20030215; CZ 294123 B6 20041013; CZ 334797 A3 19980513; DE 19643693 A1 19980430; DE 19643693 C2 19990415; DE 59709302 D1 20030320; DK 0838571 T3 20030505; HR P970557 A2 19980630; HU 9701723 D0 19971229; HU P9701723 A2 19980828; HU P9701723 A3 19981028; PL 183553 B1 20020628; PL 322712 A1 19980427; SK 141297 A3 19980708; SK 285124 B6 20060601

DOCDB simple family (application)

EP 97115389 A 19970905; AT 97115389 T 19970905; CZ 334797 A 19971022; DE 19643693 A 19961023; DE 59709302 T 19970905; DK 97115389 T 19970905; HR P970557 A 19971020; HU P9701723 A 19971022; PL 32271297 A 19971021; SK 141297 A 19971017