

Title (en)
Heat insulating composite profile

Title (de)
Wärmegeädämmtes Verbundprofil

Title (fr)
Profilé composite calorifuge

Publication
EP 0833032 A2 19980401 (DE)

Application
EP 97116832 A 19970927

Priority
DE 19640471 A 19960930

Abstract (en)
The compound profiled section, comprising an inner profile (5) on the room side and a spaced outer profile (6) with heat-insulating connecting sections (8). The connecting sections have opposing transverse webs (13) which leave between their end sides a space extending in the transverse direction (2). This space forms a passage for the direct radiation exchange between the outside (10) of the outer profile and the outside (9) of the inner profile which is opposite same in the longitudinal direction (7). The cross webs are arranged aligned in the transverse direction. The actual length of each web measured in the cross direction is at least 15 % of the actual length of each associated insulating profile (8) measured in the longitudinal direction.

Abstract (de)
Wärmegeädämmtes Verbundprofil bestehend aus einem raumseitig angeordneten Innenprofil (5), aus einem zur Bildung einer Hohlkammer (12) mit Längsabstand neben dem Innenprofil (5) angeordneten Außenprofil (6) und aus das Innenprofil (5) mit dem Außenprofil (6) verbindenden Dämmprofilen (8), wobei aus den einander zugewandten Innenflächen (11) der die Hohlkammerseitenwände bildenden Dämmprofile (8) Querstege (13) in die Hohlkammern (12) hineinstehen und wobei die Stirnseiten der Querstege (13) einen Längsabstand zwischen sich freilassen. <IMAGE>

IPC 1-7
E06B 3/26

IPC 8 full level
E06B 3/26 (2006.01); **E06B 3/263** (2006.01)

CPC (source: EP)
E06B 3/2632 (2013.01); **E06B 2003/2633** (2013.01); **E06B 2003/26332** (2013.01); **E06B 2003/26359** (2013.01); **E06B 2003/26389** (2013.01)

Citation (third parties)
Third party :

- "DEUTSCHE NORM, DIN 4108", part 4 November 1991, article "Wärmeschutz im Hochbau", pages: 9 - 12, XP000945474
- "KR-WERT VON RAHMENPROFILEN", INFOBLATT IFT ROSENHEIM, XX, XX, 1 January 1999 (1999-01-01), XX, XP000945475
- "SERIE HUECK 1.0", SERIE HUECK 1.0, XX, XX, 1 January 1995 (1995-01-01), XX, pages 01, XP000945476

Cited by
CN104594761A; DE202011000105U1; DE10300864A1; ITMI20091939A1; CN104863456A; DE102006050572B4; ES2302570A1; DE202010001301U1; WO2023213947A1

Designated contracting state (EPC)
AT BE CH DE FI FR GB GR IT LI NL PT SE

DOCDB simple family (publication)
EP 0833032 A2 19980401; **EP 0833032 A3 19990825**; **EP 0833032 B1 20020123**; AT E212413 T1 20020215; DE 59706165 D1 20020314

DOCDB simple family (application)
EP 97116832 A 19970927; AT 97116832 T 19970927; DE 59706165 T 19970927