

Title (en)
Heat insulating composite frame member

Title (de)
Wärmegeädämmtes Verbundprofil

Title (fr)
Profilé composite thermiquement isolant

Publication
EP 1437478 B1 20090722 (DE)

Application
EP 03028334 A 20031210

Priority
DE 10300860 A 20030110

Abstract (en)
[origin: EP1437478A2] The heat insulating extruded profile (1) has two metal profiled elements (2,3) which are separated from each other. They are joined together by heat insulating bridges (4,5) which have expanded edges (17) fitting into reentrant grooves in the frame members. Each frame member has a closed chamber (14,15), and a closed chamber is formed between the heat insulating bridges.

IPC 8 full level
E06B 3/263 (2006.01)

CPC (source: EP)
E06B 3/26301 (2013.01); **E06B 2003/2637** (2013.01); **E06B 2003/26374** (2013.01); **E06B 2003/26389** (2013.01); **E06B 2003/2639** (2013.01)

Cited by
DE102005032176A1; EP2532819A1; ES2302570A1; ES2303779A1; DE202013105457U1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)
LT LV

DOCDB simple family (publication)
EP 1437478 A2 20040714; EP 1437478 A3 20050420; EP 1437478 B1 20090722; AT E437286 T1 20090815; DE 10300860 A1 20040722; DE 50311726 D1 20090903; DK 1437478 T3 20091109; ES 2329455 T3 20091126

DOCDB simple family (application)
EP 03028334 A 20031210; AT 03028334 T 20031210; DE 10300860 A 20030110; DE 50311726 T 20031210; DK 03028334 T 20031210; ES 03028334 T 20031210