

Title (en)

COMPOSITE PROFILE WITH INSULATION WEB, IN PARTICULAR FOR WINDOWS DOORS AND FACADES

Title (de)

VERBUNDPROFIL MIT ISOLIERSTEG, INSBESONDERE FÜR FENSTER, TÜR UND FASSADEN

Title (fr)

PROFILE COMPOSITE, A ENTRETOISE D'ISOLATION, NOTAMMENT POUR FENETRES, PORTES ET FACADES

Publication

EP 1644605 B1 20100915 (DE)

Application

EP 04740577 A 20040702

Priority

- EP 2004007221 W 20040702
- DE 10331382 A 20030711

Abstract (en)

[origin: WO2005008011A3] The invention relates to a composite profile, in particular for doors, windows, or facades, made from at least one or more metal profile(s) (1, 2) and at least two insulation webs (3), whereby the at least one metal profile (1, 2) and the insulation webs (3) are positively connected to each other, such that the adjacent flange sections (4) on both insulation webs (3a, b), or on the one insulation web (3a, b) engage in adjacent locating grooves (5) on the metal profile (1, 2). The above is characterised in that a separation wall (11), between both adjacent locating grooves (4), extends, at the end thereof away from the groove base (12), beyond the free end of the formed webs (10a, b) and comprises a shoulder (13, 13', 13'') at that point which secures both adjacent flange sections (4) to the metal profiles with a positive fit.

IPC 8 full level

E06B 3/273 (2006.01); **E06B 3/30** (2006.01); **E06B 3/263** (2006.01); **E06B 3/62** (2006.01)

CPC (source: EP)

E06B 3/273 (2013.01); **E06B 3/26341** (2013.01); **E06B 2003/26312** (2013.01); **E06B 2003/26314** (2013.01); **E06B 2003/26321** (2013.01); **E06B 2003/26329** (2013.01); **E06B 2003/2633** (2013.01); **E06B 2003/26334** (2013.01); **E06B 2003/26359** (2013.01); **E06B 2003/2637** (2013.01); **E06B 2003/6247** (2013.01)

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 PL PT RO SE SI SK TR

Designated extension state (EPC)

HR LT LV MK

DOCDB simple family (publication)

WO 2005008011 A2 20050127; **WO 2005008011 A3 20050331**; AT E481548 T1 20101015; DE 10331382 A1 20050203; DE 502004011664 D1 20101028; EP 1644605 A2 20060412; EP 1644605 B1 20100915; ES 2352198 T3 20110216; PL 1644605 T3 20110331

DOCDB simple family (application)

EP 2004007221 W 20040702; AT 04740577 T 20040702; DE 10331382 A 20030711; DE 502004011664 T 20040702; EP 04740577 A 20040702; ES 04740577 T 20040702; PL 04740577 T 20040702