

Title (en)
Composite profile with load discharge devices for the holding means of a functional element, in particular a tape element and method of installation of such a functional element

Title (de)
Verbundprofil mit Lastabtragungseinrichtungen für Befestigungsmittel eines Funktionselementes, insbesondere ein Bandlelement und Verfahren zur Montage eines solchen Funktionselementes

Title (fr)
Profil composite doté de dispositifs de décharge pour moyen de fixation d'un élément fonctionnel, en particulier un élément de bande et méthode d'installation d'un élément fonctionnel

Publication
EP 2942466 B1 20200122 (DE)

Application
EP 14197403 A 20141211

Priority
DE 102014106226 A 20140505

Abstract (en)
[origin: WO2015169671A1] The invention relates to a composite profile (1) for doors, windows or other façade elements, comprising at least one first metal profile (2) and at least one second metal profile (4), between which metal profiles (2, 4) at least one intermediate metal profile (6) is provided, said first metal outer profile (2) being connected to the intermediate metal profile (6) in a first insulating web zone I via one or more insulating web(s) (8, 22), and said second metal profile (4) being connected to the intermediate profile (6) in a second insulating web zone II via one or more insulating web(s) (9, 22). The composite profile is characterised in that both the insulating web zones I, II have different shear strengths orthogonally in relation to the cross-sectional plane of the composite profile (1).

IPC 8 full level
E06B 3/263 (2006.01)

CPC (source: CN EP RU US)
E06B 3/26303 (2013.01 - CN EP RU US); **E06B 3/26305** (2013.01 - CN EP RU US); **E06B 3/26343** (2013.01 - CN EP RU US);
E06B 2003/26314 (2013.01 - CN EP US); **E06B 2003/26316** (2013.01 - CN EP US); **E06B 2003/2635** (2013.01 - US);
E06B 2003/26361 (2013.01 - CN EP US); **E06B 2003/26365** (2013.01 - CN EP US)

Cited by
DE102019132327B3; EP3269915A1; DE102017115811A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2942466 A1 20151111; **EP 2942466 B1 20200122**; CN 106460444 A 20170222; CN 113153077 A 20210723;
DE 102014106226 A1 20151105; EP 3140485 A1 20170315; EP 3140485 B1 20220713; ES 2924715 T3 20221010; PL 3140485 T3 20221031;
RU 2016146981 A 20180605; RU 2016146981 A3 20181023; RU 2695526 C2 20190723; US 2017074027 A1 20170316;
US 9920568 B2 20180320; WO 2015169671 A1 20151112

DOCDB simple family (application)
EP 14197403 A 20141211; CN 201580023244 A 20150429; CN 202110288573 A 20150429; DE 102014106226 A 20140505;
EP 15721642 A 20150429; EP 2015059390 W 20150429; ES 15721642 T 20150429; PL 15721642 T 20150429; RU 2016146981 A 20150429;
US 201515308888 A 20150429