

Title (en)
COMPOSITE PROFILED ELEMENT FOR DOORS, WINDOWS, OR FAÇADE ELEMENTS

Title (de)
VERBUNDPROFIL FÜR TÜREN, FENSTER ODER FASSADENELEMENTE

Title (fr)
PROFILÉ DE LIAISON POUR PORTES, FENÊTRES OU ÉLÉMENTS DE FAÇADE

Publication
EP 3140483 B1 20201223 (DE)

Application
EP 15718914 A 20150429

Priority
• DE 102014106226 A 20140505
• DE 102014112091 A 20140825
• EP 2015059386 W 20150429

Abstract (en)
[origin: WO2015169668A1] The invention relates to a composite profiled element (1) for doors, windows, or façade elements, comprising at least one first metal profiled element (2) and at least one second metal profiled element (4), wherein the first metal profiled element (2) is connected to the second metal profiled element (6) in a first insulating web zone I by means of one or more insulating webs (8, 8a, 8b, 8c, 8d, 8e, 22) and a shear-free composite is formed between one of the metal profiled elements (2, 4, 6) and the one or more insulating webs (8, 8a, 8b, 8c, 8d, 8e, 22), is distinguished in that the one or more insulating webs (8, 8a, 8b, 8c, 8d, 8e, 22), which are part of the shear-free connection, have a C-shaped cross-sectional geometry overall over the entire length of the one or more insulating webs together with both end segments (10, 13) but also in the web segment of the one or more insulating webs between the grooves (11, 15, 15a) of the metal profiles (2, 4, 6).

IPC 8 full level
E06B 3/263 (2006.01)

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

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)
WO 2015169668 A1 20151112; CN 106255795 A 20161221; CN 106255795 B 20211231; CN 113236078 A 20210810;
EP 3140483 A1 20170315; EP 3140483 B1 20201223; PL 3140483 T3 20210531; RU 2016146491 A 20180606; RU 2016146491 A3 20181025;
RU 2694378 C2 20190712

DOCDB simple family (application)
EP 2015059386 W 20150429; CN 201580023243 A 20150429; CN 202110548846 A 20150429; EP 15718914 A 20150429;
PL 15718914 T 20150429; RU 2016146491 A 20150429