

Title (en)

Connector for hollow spacer profiles in an insulating glass pane

Title (de)

Steckverbinder für Hohlprofile von Abstandshalterrahmen in Isolierglasscheiben

Title (fr)

Raccord pour profilés intercalaires creux de vitrages isolants

Publication

EP 2281994 A3 20111228 (DE)

Application

EP 10166846 A 20100622

Priority

DE 202009008694 U 20090623

Abstract (en)

[origin: EP2281994A2] The connector (1) has two brackets (2, 3) and an U-shaped or a box-shaped cross section that is provided with a center web (5) and side bars (6). A mounting stop (8) and springy support elements (11-13) are arranged at the side bars. Rigidity of a rigid support element (14) is higher than rigidity of the springy support elements, where the rigid support element is arranged between the mounting stop and the support elements.

IPC 8 full level

E06B 3/667 (2006.01)

CPC (source: EP)

E06B 3/667 (2013.01)

Citation (search report)

- [X] EP 1785575 A2 20070516 - KRONENBERG RALF MAX [DE], et al
- [A] DE 202004013686 U1 20060105 - KRONENBERG MAX [DE], et al
- [A] DE 202004004933 U1 20050721 - KRONENBERG MAX [DE], et al

Cited by

US2017260797A1; US10501982B2; WO2017093417A1; EP3730732A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

DE 202009008694 U1 20101111; EP 2281994 A2 20110209; EP 2281994 A3 20111228; EP 2281994 B1 20150826; HU E028130 T2 20161128; PL 2281994 T3 20160229

DOCDB simple family (application)

DE 202009008694 U 20090623; EP 10166846 A 20100622; HU E10166846 A 20100622; PL 10166846 T 20100622