

Title (en)

SPACER WITH METAL SIDE SECTIONS

Title (de)

ABSTANDHALTER MIT METALLISCHEN SEITENTEILEN

Title (fr)

ÉCARTEUR COMPRENANT DES PARTIES LATÉRALES MÉTALLIQUES

Publication

EP 3850180 A1 20210721 (DE)

Application

EP 19765243 A 20190906

Priority

- EP 18194244 A 20180913
- EP 2019073798 W 20190906

Abstract (en)

[origin: WO2020053082A1] The invention relates to a spacer (I) for insulating glass units comprising at least - a U-shaped main body (1) extending in the longitudinal direction (X) including a first metal side section (2.1), a second metal side section (2.2) arranged parallel thereto, a polymer connecting piece (3) extending in the transverse direction (Y), which connects the two metal side sections (2.1, 2.2) and forms the lower limit of the main body (1), and an intermediate space (11) arranged above the polymer connecting piece (3) between the metal side sections (2.1, 2.2), wherein - the first and second metal side sections (2.1, 2.2) each include at least one sidewall (7) for connection to a glass pane and a retaining arm (8) which protrudes into the intermediate space (11) and the retaining arm (8) forms, with the sidewall (7), an assembly groove (6) which runs substantially parallel to the sidewall (7), - the polymer connecting piece (3) is U-shaped and the two legs (3a, 3b) thereof are inserted in the assembly grooves (6) of the two metal side sections (2.1, 2.2).

IPC 8 full level

E06B 3/663 (2006.01)

CPC (source: EP KR US)

E06B 3/66314 (2013.01 - EP KR); **E06B 3/66319** (2013.01 - KR); **E06B 3/66323** (2013.01 - EP KR US); **E06B 3/66366** (2013.01 - EP KR US); **E06B 3/66319** (2013.01 - EP US); **E06B 2003/6638** (2013.01 - EP KR US); **E06B 2003/66395** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2020053082A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020053082 A1 20200319; CN 112654762 A 20210413; DE 202019005680 U1 20210617; EP 3850180 A1 20210721; JP 2022503703 A 20220112; KR 20210039463 A 20210409; US 2022034152 A1 20220203

DOCDB simple family (application)

EP 2019073798 W 20190906; CN 201980059755 A 20190906; DE 202019005680 U 20190906; EP 19765243 A 20190906; JP 2021514101 A 20190906; KR 20217006904 A 20190906; US 201917276013 A 20190906