

Title (en)

MOUNTING DEVICE FOR A FASTENING GROOVE OF AN INSULATING GLASS UNIT

Title (de)

BEFESTIGUNGSVORRICHTUNG FÜR EINE BEFESTIGUNGSNUT EINER ISOLIERENDEN GLASEINHEIT

Title (fr)

DISPOSITIF DE MONTAGE POUR UNE RAINURE DE FIXATION D'UNE UNITÉ DE VERRE ISOLANT

Publication

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Application

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Priority

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Abstract (en)

The invention relates to a mounting device for a fastening groove configured to be mounted between glass plates of an insulating glass unit. The mounting device is configured to be fastened to an end of the fastening groove. The mounting device is a plate-like element and comprises at least an inner guide wall or an outer guide wall on its planar side surface for guiding fastening of the mounting device to the end of the fastening groove. The invention further relates to a mounting unit, an insulation glass unit, a structural glazing system, and a method for assembling a mounting unit in an insulation glass unit.

IPC 8 full level

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Citation (search report)

- [A] WO 2008114146 A1 20080925 - GLASMAGASINET AS [NO], et al
- [A] IT VR20120054 A1 20130923 - ALUK GROUP S P A
- [A] CN 105839820 B 20180223
- [A] EP 3670810 A1 20200624 - HYDRO EXTRUDED SOLUTIONS AS [NO]
- [A] EP 1936096 A1 20080625 - STEINDL GLAS GMBH [AT]
- [X] ANONYMOUS: "Black U04 10x23mm U-Shape Internal Width 20mm LED Aluminum Channel Sys - LightingWill", 5 August 2021 (2021-08-05), XP055959319, Retrieved from the Internet <URL:https://web.archive.org/web/20210805074704/https://lightingwill.com/products/black-u04-10x23mm-u-shape-internal-width-20mm-led-aluminum-channel-system-with-cover-end-caps-and-mounting-clips-aluminum-extrusion-for-led-strip-light-installations> [retrieved on 20220909]
- [XI] INTER IKEA SYSTEMS B.V.: "KOMPLEMENT", 9 March 2015 (2015-03-09), XP055955513, Retrieved from the Internet <URL:https://www.ikea.com/nl/en/assembly_instructions/komplement-clothes-rail-white__AA-938836-2-2.pdf> [retrieved on 20220828]

Designated contracting state (EPC)

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