

Title (en)

Device for holding and HOLDING RAIL FOR HOLDING GLASS PROFILE ELEMENTS

Title (de)

Haltevorrichtung und HALTESCHIENE ZUM HALTEN VON GLASPROFILELEMENTEN

Title (fr)

DISPOSITIF POUR RETENIR DES ELEMENTS PROFILES EN VERRE et rail de support

Publication

**EP 1101001 A1 20010523 (DE)**

Application

**EP 00947765 A 20000526**

Priority

- DE 0001709 W 20000526
- DE 29909184 U 19990526
- DE 29914926 U 19990825

Abstract (en)

[origin: US6668500B1] The invention relates to a holding device for holding glass closures (20) formed by individual glass profile elements, especially U-shaped glass profile elements (21, 21'), or other long glass elements, especially insulating glass elements. In order to prevent water condensation inside the glass closure (20), the holding device comprises at least one holding rail (2; 32, 36, 37; 34, 64, 65; 34, 64', 76; 79; 80) for holding or mounting and for laterally guiding and supporting the individual long glass elements or glass profile elements (21, 21') or the glass closure (20). Said holding rail (2; 32, 36, 37; 34, 64, 65; 34, 64', 76; 79; 80) has a metal holding segment (3; 38; 54; 69, 77; 87; 88) for holding or supporting a front face area or a partial front face area of the glass closure (20) or individual glass elements or glass profile elements (21, 21') at least one projecting metal flange section (4, 5; 4', 5'; 49, 50; 57, 58; 71, 72; 81, 82) for laterally guiding or supporting the glass closure (20) and/or one, several or all the individual glass elements or glass profile elements (21, 21') thereof, whereby the flange segment (4, 5; 4', 5'; 49, 50; 57, 58; 71, 72; 81, 82) and the holding segment (3; 38; 54; 69, 77; 87; 88) are fixedly connected to one another by means of a heat-insulating and/or thermally separating connecting device (6, 7; 40, 41; 43, 44; 45, 46, 47, 48; 67, 68; 64, 65). The invention also relates to a holding rail that can be used in said holding device.

IPC 1-7

**E04C 2/54; E06B 3/263**

IPC 8 full level

**E06B 3/263** (2006.01)

CPC (source: EP US)

**E06B 3/26343** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 6668500 B1 20031230;** AT E260385 T1 20040315; DE 10081553 D2 20011004; EP 1101001 A1 20010523; EP 1101001 B1 20040225; WO 0075452 A1 20001214; WO 0075452 A8 20040422; WO 0075452 A9 20020906

DOCDB simple family (application)

**US 74475701 A 20010306;** AT 00947765 T 20000526; DE 0001709 W 20000526; DE 10081553 T 20000526; EP 00947765 A 20000526