

Title (en)
DOUBLE-PANED WINDOW SECUREMENT.

Title (de)
BEFESTIGUNG FÜR EIN DOPPELSCHEIBENFENSTER.

Title (fr)
FIXATION DE FENETRE A DOUBLE VITRAGE.

Publication
EP 0271518 A4 19880928 (EN)

Application
EP 87903514 A 19870424

Priority
US 85681686 A 19860428

Abstract (en)
[origin: WO8706644A1] A sturdy and reliable mount for a double-paned glass unit (10) that is readily used for standard glass units (10) and frames (11), that is easily installed, that eliminates the need for endcaps or exterior stops, and that uses a flexible connector member (20) as part of the amount. The application of such a securement as a secondary mount to back up a primary mount for a double-paned glass unit, such as a structural silicone adherent, is a particular application of the invention. An embodiment includes a resilient or flexible elastomeric member (20) having a first portion (20) received in a channel formed between the glass plates (10a, 10b) of a double-paned glass unit (10) and a second portion (20b) extending beyond the perimeter of the glass unit (10). The second portion (20b) of the resilient member (20) is fixed to the structure (11) on which the glass unit (10) is to be mounted, such as a building. The means for fixing the resilient member (20) to the building may advantageously take the form of a separate anchor member (21) that can be fixed to the building and which interlocks (21a) with the second portion (20b) of the resilient member (20). A sliding interfit between the complementarily contoured portions of the resilient member (20) and the anchor member (21) in a tongue (26) and groove-type (29) of engagement is shown.

IPC 1-7
E06B 3/26

IPC 8 full level
E06B 3/66 (2006.01); **E06B 3/54** (2006.01); **E06B 3/64** (2006.01)

CPC (source: EP)
E06B 3/5427 (2013.01); **E06B 3/645** (2013.01)

Citation (search report)

- [X] DE 2451890 A1 19760506 - SCHOENINGER GMBH
- [Y] US 4447985 A 19840515 - WEBER RONALD J [US], et al
- [E] DE 3543524 A1 19870625 - ELTREVA AG [CH]
- See references of WO 8706644A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8706644 A1 19871105; AU 591293 B2 19891130; AU 7430387 A 19871124; CN 87104304 A 19880302; EP 0271518 A1 19880622; EP 0271518 A4 19880928; JP H01500448 A 19890216

DOCDB simple family (application)
US 8700937 W 19870424; AU 7430387 A 19870424; CN 87104304 A 19870428; EP 87903514 A 19870424; JP 50315287 A 19870424