

Title (en)

DEVICE FOR FIXING PLATES, IN PARTICULAR GLASS PLATES

Title (de)

PANEELBEFESTIGUNGSVORRICHTUNG, INSBESONDERE FÜR VERGLASUNGSPANEELE

Title (fr)

DISPOSITIF DE FIXATION POUR PLAQUES, EN PARTICULIER DES PLAQUES DE VERRE

Publication

**EP 0986681 A1 20000322 (FR)**

Application

**EP 99937960 A 19990304**

Priority

- DE 19809617 A 19980306
- FR 9900487 W 19990304

Abstract (en)

[origin: US6519903B1] An attachment device for panes of glass. The attachment device includes retainers arranged between each pane and a support structure. The retainers include structures to compensate for the dimensional differences, deformations and displacements between the pane and the support structure. Degrees of freedom of rotation of the structure include uni-axis pivot joints. Strung together degrees of freedom in translation may be produced within the joints or by installing the joints in such a way that they can move. Panes can be mounted in a statically determinate manner by virtue of an appropriate combination of degrees of freedom.

IPC 1-7

**E04B 2/88**; **E06B 3/54**; **E04F 13/08**

IPC 8 full level

**E04B 2/90** (2006.01); **E04B 2/88** (2006.01); **E04F 13/08** (2006.01); **E06B 3/54** (2006.01)

CPC (source: EP KR US)

**E04B 2/88** (2013.01 - KR); **E04B 2/885** (2013.01 - EP US); **E06B 3/5436** (2013.01 - EP US); **E06B 3/5445** (2013.01 - EP KR US)

Cited by

EP1905934A3

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AT BE CH DE DK ES FR GB IE IT LI LU NL PT SE

DOCDB simple family (publication)

**WO 9945217 A1 19990910**; AT E275680 T1 20040915; AU 3258199 A 19990920; AU 755516 B2 20021212; CA 2289563 A1 19990910; CN 1106492 C 20030423; CN 1266467 A 20000913; DE 19809617 A1 19991014; DE 19809617 C2 20000525; DE 69919949 D1 20041014; EP 0986681 A1 20000322; EP 0986681 B1 20040908; JP 2001523314 A 20011120; KR 20010012190 A 20010215; PL 336660 A1 20000703; US 6519903 B1 20030218

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