

Title (en)

Clamping arrangement for the fixing of glass panes

Title (de)

Klemmbeschlag für die Befestigung von Glasscheiben

Title (fr)

Armature de serrage pour la fixation de vitres

Publication

EP 0849430 B1 20030402 (DE)

Application

EP 97121643 A 19971209

Priority

DE 19652773 A 19961219

Abstract (en)

[origin: EP0849430A2] The screw (5) passes through a hole (4) in a glass panel (2) to fasten it in place and has a screw head (6) in the form of a tapered nut locating in the hole and an adjusting nut (10) which can be screwed into an internal thread (9) of the tapered nut. The shank (7) of the screw is separate from the head and is received in a cup-shaped recess (8) of the head. It has a retaining flange (11) located between the adjusting nut and the base (14) of the recess. Locking members in the form of pegs (16) and grooves (15) fit together with clearances to form a connection which prevents rotation. The clearance between the pegs and grooves gives four degrees of freedom for adjustment. The outside diameter of the flange is smaller than the outside diameter of the adjusting nut.

IPC 1-7

E06B 3/54

IPC 8 full level

E04F 13/08 (2006.01); **E04F 13/14** (2006.01); **E06B 3/54** (2006.01)

CPC (source: EP)

E04F 13/0837 (2013.01); **E04F 13/145** (2013.01); **E06B 3/5436** (2013.01)

Cited by

ES2182636A1; WO0192657A1

Designated contracting state (EPC)

AT BE CH DE DK FI FR GB LI LU NL SE

DOCDB simple family (publication)

EP 0849430 A2 19980624; **EP 0849430 A3 19991229**; **EP 0849430 B1 20030402**; AT E236336 T1 20030415; DE 59709687 D1 20030508; DK 0849430 T3 20030623

DOCDB simple family (application)

EP 97121643 A 19971209; AT 97121643 T 19971209; DE 59709687 T 19971209; DK 97121643 T 19971209