

Title (en)

LATCHING DEVICE IN A TILT POSITION, FOR PIVOTING AND TILTING WRINGS, WINDOWS, DOORS

Publication

EP 0256213 B1 19891011 (DE)

Application

EP 87106385 A 19870502

Priority

DE 3627043 A 19860809

Abstract (en)

[origin: EP0256213A1] 1. A device for latching turn-tilt windows or doors or the like in the tilted position, the device comprising : a plate (4) disposed in the closure-side bottom frame corner of the vertical frame member and having latching webs (14, 15) ; and a latching member (11) which is associated with the closure-side upright sash member at the bottom corner and which is disposed at the bottom end of a pivoted link (5) connected at its top end by way of a bearing pin (10) to a positioning bar (7), the pivoted link engaging by way of its bearing pin through an elongate slot (17) in a faceplate (6) adapted to guide the positioning bar, said link being releasable for a limited pivoting movement relatively to the faceplate, positioning bar and plate (4) when the latching element engages in a latching pocket (12) in the plate (4), a flexible bar spring (19) which has two laterally spaced-apart legs (19b, 19c) interconnected by a web (19a) being disposed in retaining means (6, 17) and also being clamped by way of its two legs to the pivoted link at a distance from the axis of the bearing pin of such link, characterised in that the flexible bar spring (19) is received in the longitudinal slot (17) in the faceplate (6) and projects by way of the longitudinal edges of its legs (19b, 19c) beyond the outside of the faceplate (6), the pivoted link (5) is formed on its back with two parallel longitudinal grooves (20a, 20b) in which the longitudinal edges of the legs (19b, 19c) engage in a good fit, and the longitudinal slot (17) has on both its longitudinal edges (18) in the bottom longitudinal zone two bulges or widenings (18b, 18d) separated from one another by a nose (18c), the legs (19b, 19c) of the spring (19) taking up a position at a distance from such bulges or widenings in their off-load normal position.

IPC 1-7

E05D 15/52; **E05D 15/526**

IPC 8 full level

E05C 9/18 (2006.01); **E05D 15/52** (2006.01); **E05D 15/526** (2006.01)

CPC (source: EP)

E05D 15/5217 (2013.01); **E05D 15/523** (2013.01); **E05Y 2900/148** (2013.01)

Cited by

EP1498563A1; EP0686749A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0256213 A1 19880224; **EP 0256213 B1 19891011**; AT E47192 T1 19891015; DE 3627043 C1 19871008; DE 3760749 D1 19891116; DK 160327 B 19910225; DK 160327 C 19910805; DK 332187 A 19880210; DK 332187 D0 19870629; ES 2011035 B3 19891216; FI 82524 B 19901130; FI 82524 C 19910311; FI 872171 A0 19870515; FI 872171 A 19880210; NO 166142 B 19910225; NO 166142 C 19910605; NO 872026 D0 19870515; NO 872026 L 19880210

DOCDB simple family (application)

EP 87106385 A 19870502; AT 87106385 T 19870502; DE 3627043 A 19860809; DE 3760749 T 19870502; DK 332187 A 19870629; ES 87106385 T 19870502; FI 872171 A 19870515; NO 872026 A 19870515