

Title (en)

CHECKING DEVICE FOR THE WINGS OF WINDOWS, DOORS OR THE LIKE, PROVIDED WITH A SECURITY DEVICE AGAINST CLOSING IN THE OPEN POSITION OF THE WINGS

Publication

EP 0249682 B1 19891025 (DE)

Application

EP 87103157 A 19870305

Priority

DE 3619682 A 19860611

Abstract (en)

[origin: EP0249682A2] 1. A stay (8) for the moving members (3) of windows or doors (1) or the like, more particularly for turn-tilt moving members, at least one staying arm (16) engaging the fixed frame (2) at one end and the moving member (3) at the other, one end of the arm (16) being mounted purely for pivoting in a bearing (7) while the other end (17) of the arm (16) engages pivotably and displaceably in a slideway (18), the opening movement of the moving member (3) moving the arm (16) between the moving member (3) and the fixed frame (2) from a parallel position into an inclined position relatively to their planes, the pivotable and displaceable end (17) of the arm (16) being automatically fixable relatively to the slideway (18) by a spring detent (22) at least in one predetermined position to prevent accidental closure of the moving member (3), the detent (22) having a spring (27) retained by a part (27a) while its other part (27b, 27c) resiliently faces a surface transversely to the main plane of the arm (16) and slideway (18, 23) and is displaceable relatively to a detent projection (18a and 16c respectively) fixedly disposed or devised on such surface, characterised in that the detent (22) has leg springs (27) which are substantially J-shaped in the direction of their longitudinal centre-plane and which are disposed in the interval (26) between the pivoting plane of the stay arm (16), the latter plane being parallel to the main plane, and the movement plane of the slideway (18), the latter plane being parallel to the main plane, and the web (26) interconnecting the two legs (27a, 27b) of the spring (27) extends away from the leg (27a) at an acute angle and includes an obtuse angle with the other leg (27b).

IPC 1-7

E05C 17/24; E05D 15/52

IPC 8 full level

E05C 17/24 (2006.01); **E05C 17/28** (2006.01); **E05D 15/52** (2006.01)

CPC (source: EP)

E05C 17/28 (2013.01); **E05D 15/523** (2013.01); **E05Y 2900/148** (2013.01)

Cited by

EP4174266A1; EP4174265A1; EP1630330A1; EP4174264A1; DE4443561A1; DE4443561C2

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0249682 A2 19871223; EP 0249682 A3 19880504; EP 0249682 B1 19891025; AT E47614 T1 19891115; DE 3619682 A1 19880107; DE 3619682 C2 19900301; DE 3760881 D1 19891130; DK 225987 A 19871212; DK 225987 D0 19870504

DOCDB simple family (application)

EP 87103157 A 19870305; AT 87103157 T 19870305; DE 3619682 A 19860611; DE 3760881 T 19870305; DK 225987 A 19870504