

Title (en)

LOCKING DEVICE FOR THE OVERLAPPED WING OF TWO-WING WINDOWS, DOORS OR SUCH LIKE NOT HAVING CENTRAL POSTS

Title (de)

VERSCHLUSSVORRICHTUNG FÜR DEN UNTERSCHLAGENDEN FLÜGEL ZWEIFLÜGELIGER SETZHOLZLOSER FENSTER, TÜREN OD. DGL.

Title (fr)

DISPOSITIF DE FERMETURE POUR BATTANTS A CROISEMENT DE FENETRES, DE PORTES OU SIMILAIRES, SANS MONTANTS, A DEUX BATTANTS

Publication

EP 1147278 A1 20011024 (DE)

Application

EP 99966938 A 19991210

Priority

- DE 19902579 A 19990122
- EP 9909713 W 19991210

Abstract (en)

[origin: WO0043624A1] The invention relates to a locking device (5) for the overlapped wing of two-wing windows, doors or such like, which do not have central posts. Said device comprises one or two adjustable coupling pins (11a) for a driving bar (9) which can be adjusted in opposite directions and are guided in at least one elongated recess (10) of an overlap rail (8). The device also comprises a one-armed actuating lever (6). The pivot pin (12) of the actuating lever (6) is connected to a coupling pin (11a) and the other coupling pin (11b) cooperates with a control rod (7) which is joined to the actuating lever (6) in an articulated manner at a distance from the pivot pin (12) of the actuating lever. In the position congruent with the overlap rail (8) the actuating lever (6) is secured against swiveling. The actuating lever (6) can be moved perpendicular to the rabbeted surface (13) of the window wing (4) so that the anti-swivel mechanism is released. By means of an energy storing device (15) the actuating lever (6) automatically moves from the congruent position, i.e. away from the rabbeted surface (13) of the window wing (4), into an area where it can be moved freely.

IPC 1-7

E05C 1/06; **E05C 7/04**

IPC 8 full level

E05C 1/06 (2006.01); **E05C 7/04** (2006.01); **E05B 15/00** (2006.01)

CPC (source: EP)

E05C 1/06 (2013.01); **E05B 15/0053** (2013.01); **E05C 7/045** (2013.01)

Citation (search report)

See references of WO 0043624A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0043624 A1 20000727; AT E235635 T1 20030415; AU 2281900 A 20000807; DE 19902579 A1 20000810; DE 19902579 C2 20020207; DE 59904798 D1 20030430; EP 1147278 A1 20011024; EP 1147278 B1 20030326; HU 223254 B1 20040428; HU P0200485 A2 20021028; PL 195921 B1 20071130; PL 348855 A1 20020617

DOCDB simple family (application)

EP 9909713 W 19991210; AT 99966938 T 19991210; AU 2281900 A 19991210; DE 19902579 A 19990122; DE 59904798 T 19991210; EP 99966938 A 19991210; HU P0200485 A 19991210; PL 34885599 A 19991210