

Title (en)

Closure for locking a wing in a window frame

Title (de)

Verschluss zur Verriegelung eines Flügels in einem Rahmen eines Fensters

Title (fr)

Fermeture pour le verrouillage d'un ouvrant dans un cadre de fenêtre

Publication

EP 1516989 A1 20050323 (DE)

Application

EP 04103190 A 20040706

Priority

DE 10343455 A 20030919

Abstract (en)

The window or glass door securement mechanism has a lengthways sliding rod (7) with a catch (4) driven by the rod which can move from an opening to a closing position. The catch is pushed into a window jamb (5) positioned opposite it for closure. A pivoted lever (9,10) is hinged on the catch but is positioned away from the catch itself and is instead coupled to the connecting rod which drives it. The catch has a housing (11) for the lever, and the sleeve rail (6) which secures it to the frame (2) has a corresponding housing for the lever too. The catch has a bolt (14) which is pushed into a recess (12,13) in the connecting rod.

Abstract (de)

Bei einem Verschluss (3) für ein Fenster ist ein langgestrecktes Schließelement (4) auf einem Schwenkhebel (9, 10) gelagert. Der Schwenkhebel (9, 10) wird von einer Treibstange (7) angetrieben und bewegt das Schließelement (4) von einer bündig mit einer Stulpschiene (6) abschließenden Offenstellung in eine hervorstehende Schließstellung. Der Einsatz der Schwenkhebel (9, 10) ermöglicht einen besonders großen Hub des Schließelements (4). <IMAGE>

IPC 1-7

E05C 21/00; **E06B 7/18**; **E05C 9/04**

IPC 8 full level

E05C 9/04 (2006.01); **E05C 21/00** (2006.01)

CPC (source: EP)

E05C 9/046 (2013.01); **E05C 21/00** (2013.01)

Citation (search report)

- [AD] EP 0945580 A2 19990929 - SIEGENIA FRANK KG [DE]
- [A] DE 1187779 B 19650225 - THEODOR MARPE
- [A] DE 1123230 B 19620201 - HAUTAU BAUBESCHLAG
- [A] GB 2228764 A 19900905 - DAW PRODUCTS LIMITED [GB]

Cited by

CN107849877A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1516989 A1 20050323; **EP 1516989 B1 20060906**; AT E338871 T1 20060915; DE 10343455 A1 20050414; DE 502004001395 D1 20061019; DK 1516989 T3 20070108; PL 1516989 T3 20070131

DOCDB simple family (application)

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