

Title (en)

Tilting/oscillating roof window with counterbalance

Title (de)

Klapp-Schwing-Dachfenster mit Ausstellhilfe

Title (fr)

Fenêtre basculante/oscillante de toiture avec contrebalance

Publication

EP 0679775 B1 19990428 (DE)

Application

EP 95104538 A 19950328

Priority

DE 9406891 U 19940426

Abstract (en)

[origin: US5581941A] The invention concerns a tilting-swinging roof window, in which the window sash (1) is held by two arms (3) mounted to pivot on the upper end of the casement (2). In the swinging movement, the window sash (1) is guided by swivel pins (12) slidable in grooves (9) on the side members (6) of the casing (2). In the tilted position, the sash (1) is tightly connected by the arms (3) to the upper end of the casement (2). The roof window is provided with an opening device, which, in the area of the longitudinal side members of the casement, requires little space, applies force to the window casing as uniformly as possible, and has parts which are largely integrated into existing components. Slides (4) under spring force are guided in tubular arms (3) and swivel-mounted spring arms (5) are located on the side members (6) of the casement (2) so that a plane through the bearings (10, 11) of the spring arms (5) in each case forms an acute-angled triangle with a plane through the bearings (20) of the tubular arms (3) on the casement (2), and the bearings 10.

IPC 1-7

E04D 13/035; **E05D 15/48**; **E05F 1/12**

IPC 8 full level

E04D 13/035 (2006.01); **E05D 15/48** (2006.01); **E05F 1/10** (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP US)

E04D 13/0357 (2013.01 - EP US); **E05D 15/48** (2013.01 - EP US); **E05F 1/1075** (2013.01 - EP US); **E05D 2015/487** (2013.01 - EP US); **E05Y 2900/152** (2013.01 - EP US)

Cited by

CN111386376A; EP4390029A1; EP2821575A2; EP2280143A2

Designated contracting state (EPC)

AT DE DK FR IT

DOCDB simple family (publication)

US 5581941 A 19961210; AT E179479 T1 19990515; DE 59505748 D1 19990602; DE 9406891 U1 19940616; DK 0679775 T3 19991025; EP 0679775 A1 19951102; EP 0679775 B1 19990428; HU 215062 B 19980928; HU 9501171 D0 19950628; HU T71944 A 19960228; PL 176831 B1 19990730; PL 308337 A1 19951030; SI 0679775 T1 19990831

DOCDB simple family (application)

US 42917995 A 19950426; AT 95104538 T 19950328; DE 59505748 T 19950328; DE 9406891 U 19940426; DK 95104538 T 19950328; EP 95104538 A 19950328; HU 9501171 A 19950425; PL 30833795 A 19950425; SI 9530259 T 19950328