

Title (en)

ANTI-SLAM DEVICE FOR A TILT WINDOW AND SCISSOR MECHANISM AND TILT WINDOW EQUIPPED WITH IT

Title (de)

ZUSCHLAGSICHERUNGSVORRICHTUNG FÜR EIN KIPPFENSTER UND SCHERENMECHANISMUS UND DAMIT AUSGESTATTETES KIPPFENSTER

Title (fr)

DISPOSITIF ANTI-CLAQUEMENT POUR FENÊTRE OSCILLO-BATTANTE ET MÉCANISME DE CISEAUX ET FENÊTRE OSCILLO-BATTANTE EN ÉTANT ÉQUIPÉE

Publication

EP 3712363 A1 20200923 (EN)

Application

EP 20159819 A 20200227

Priority

BE 201905172 A 20190321

Abstract (en)

Scissor mechanism for holding a leaf (3) of a tilt window (1) in an opened tilt position, said scissor mechanism (5) containing a leaf section (7) and also a long arm and a short arm (8, 14), whereby the leaf section (7) and the arms (8, 14) are connected in a mutually rotatable way and which on opening and closing the scissor mechanism (5) are rotatable relative to each other between a closed condition whereby said mutually rotatable parts (7, 8, 14) lie parallel or practically parallel to each other and an open tilt position whereby said mutually rotatable parts (7, 8, 14) enclose an angle, characterised in that the scissor mechanism (5) is equipped with an anti-slam device (18) containing an elastic element (24) with a cam-shaped part or cam (25) which in said open tilt position of the scissor mechanism (5) is elastically clicked in a click position and which is pushed out of its click position against the elastic deforming resistance of the elastic element (24) when closing the scissor mechanism (5).

IPC 8 full level

E05C 17/28 (2006.01); **E05D 15/52** (2006.01); **E05F 5/02** (2006.01)

CPC (source: CN EP)

E05C 17/28 (2013.01 - EP); **E05C 17/32** (2013.01 - CN); **E05D 15/5205** (2013.01 - EP); **E06B 3/38** (2013.01 - CN); **E05Y 2201/224** (2013.01 - EP); **E05Y 2900/148** (2013.01 - EP)

Citation (search report)

- [XA] DE 10013697 A1 20010927 - SIEGENIA FRANK KG [DE]
- [X] DE 8023717 U1 19801127
- [X] DE 2451556 A1 19760506 - SIEGENIA FRANK KG
- [X] DE 4313610 A1 19941027 - SCHUECO INT KG [DE]
- [X] EP 2495380 A2 20120905 - ROTO FRANK AG [DE]
- [X] DE 7632457 U1 19770127
- [X] DE 7634928 U1 19770303

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3712363 A1 20200923; **EP 3712363 B1 20240110**; **EP 3712363 C0 20240110**; BE 1027187 A1 20201105; BE 1027187 B1 20201110; CN 111719969 A 20200929; CN 111719969 B 20230505; ES 2970815 T3 20240530; PL 3712363 T3 20240624

DOCDB simple family (application)

EP 20159819 A 20200227; BE 201905172 A 20190321; CN 202010198900 A 20200320; ES 20159819 T 20200227; PL 20159819 T 20200227