

Title (en)
Pivot for a tilting or oscillating roof window.

Title (de)
Lager für Dreh- oder Schwingdachfenster.

Title (fr)
Pivot pour fenêtre basculante ou oscillante de toiture.

Publication
EP 0271420 A1 19880615 (FR)

Application
EP 87440083 A 19871208

Priority
FR 8617457 A 19861211

Abstract (en)
1. Pivot for a tilting or oscillating roof window and that comprises : - one fixed element (2) fitted solidly to the casing and linked to one of the ends (21) of a tilting lever (4) through a first hinged spindle (18) ; - one mobile element (3) fitted solidly to the tilting or oscillating wing and linked to the other end (33) of the tilting lever (4) through a second hinged spindle (36), with these two hinged spindles (18, 36) being offset, in the open position of the tilting or oscillating wing, outwards in relation to the plane of the wing, following a first rotation around the second hinged spindle (36) followed by a second rotation around the first hinged spindle (18) ; - locking means for the purpose of preventing the rotation of the tilting lever (4) around the first hinged spindle (18) ; - and blocking means that are fitted, following a rotation of the aforesead mobile element (3) around the second hinged spindle (36), for cancelling the effects of the locking means in view of permitting the second rotation of the tilting lever (4) around the first hinged spindle (18), with this pivot characterized in that : - the blocking means are fitted on the second hinged spindle (36) and consist, on one hand, of a blocking element (39) slipped onto the latter and fitted solidly in rotation to the mobile element (3), through the intermediate of a catch (44) that projects in relation to one of the faces (37) of this mobile element (3) and, on the other hand, of a catch (74) located on the rear face (38) of the parallel flange (34) of the tilting lever (4) and that co-operates with two stope (72), (73) of the mobile element (3) for the purpose of determining the previous rotation of the latter in relation to the flange (34) of the tilting lever (4) ; - and in that the locking means consist of a return spring (59) fitted on the parallel flange (34) of the tilting lever (4) and that pivots around an axis (55), and of a striker (8) fitted solidly to the fixed element 2 and located at the level of the transverse wall that links the two parallel flanges (22, 34) of the tilting lever (4).

Abstract (fr)
Pivot pour fenêtre basculante ou oscillante de toiture comprenant un élément fixe (2) solidaire du dormant et relié par un premier axe d'articulation (18) à une des extrémités (21) d'un levier basculant (4) et un élément mobile (3) solidaire de l'ouvrant basculant ou oscillant et relié, par un second axe d'articulation (36), à l'autre extrémité (33) du levier basculant (4), caractérisé en ce que sur le second axe d'articulation (36) reliant l'élément mobile (3) au levier basculant (4) sont disposés des moyens de blocage (39,60) mettant fin, après la première rotation de l'élément mobile (3) autour dudit second axe d'articulation (36), à la coopération de moyens de verrouillage à rappel élastique (8,59,61,63) pour la seconde rotation du levier basculant (4) autour du premier axe d'articulation (18) reliant l'autre extrémité dudit levier basculant (4) à l'élément fixe (2).

IPC 1-7
E05D 7/085

IPC 8 full level
E05D 3/06 (2006.01); **E05D 3/18** (2006.01); **E05D 7/085** (2006.01)

CPC (source: EP)
E05D 7/085 (2013.01); **E05Y 2900/154** (2013.01)

Citation (search report)
• [YD] GB 2079845 A 19820127 - RASMUSSEN HOLDING AS V KANN
• [Y] FR 1538252 A 19680830 - GRETSCH UNITAS GMBH
• [A] DE 1559843 A1 19690925 - L DEVILLEZ & CAMION SA ETS
• [AD] FR 2129500 A5 19721027 - GRETSCH UNITAS GMBH

Cited by
GB2327705A; EP3040500B1

Designated contracting state (EPC)
AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0271420 A1 19880615; **EP 0271420 B1 19901010**; AT E57421 T1 19901015; CA 1298044 C 19920331; DE 3765525 D1 19901115; DK 649187 A 19880612; DK 649187 D0 19871210; ES 2018042 B3 19910316; FR 2608202 A1 19880617; FR 2608202 B1 19950324; GR 3001163 T3 19920630; JP S63161277 A 19880704

DOCDB simple family (application)
EP 87440083 A 19871208; AT 87440083 T 19871208; CA 554008 A 19871210; DE 3765525 T 19871208; DK 649187 A 19871210; ES 87440083 T 19871208; FR 8617457 A 19861211; GR 900401033 T 19901205; JP 31112787 A 19871210