

Title (en)
HINGE DEVICE OF A SWINGING SHUTTER WITH TWO OPEN POSITIONS

Publication
EP 0237381 B1 19890906 (FR)

Application
EP 87400270 A 19870205

Priority
FR 8601692 A 19860207

Abstract (en)
[origin: EP0237381A1] 1. A device for pivoting and holding in three stable positions a pivotable shutter (3) for closing an opening (2), one of the edges of which is provided with a movable transverse member (9) engaged into the gutter of a fixed pivot mounting transverse member (1b) belonging to the frame (1) of the opening (2), in which the movable transverse member (9) is held in a position of bearing against a limb (6) of said gutter along at least one longitudinal pivot mounting surface (10a) by an elastic member (16) disposed within the gutter between the movable transverse member (9) and the other edge (7) of the gutter, characterised in that the elastic member is of variable orientation so that in the first position of the shutter (3) its effect is directed above said pivot mounting surface (10a) and in the second position of the shutter (3) its effect is directed below said surface (10a), the movable transverse member (9) comprising a pair of substantially parallel pivot mounting surfaces (10a, 11a) such that said pivot mounting surface (10a) is formed either by the upper surface (10a) of said pair when the shutter is in its first position or by the lower surface (11a) of said pair when the shutter is in its second position, the other surface (11a, 10a) then being moved away from said limb (6), the two surfaces (10a, 11a) being simultaneously in contact with the limb (6) in the third intermediate position of the shutter (3), the effect of the elastic member (16) then being directed between the two surfaces (10a, 11a).

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IPC 8 full level
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CPC (source: EP)
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