

Title (en)
LOCKING HANDLE FOR A SLIDING WING WITH SEMI-AUTOMATIC LOCKING

Publication
EP 0067075 B1 19850717 (FR)

Application
EP 82400543 A 19820325

Priority
FR 8110333 A 19810525

Abstract (en)
[origin: EP0067075A1] 1. A closing handle (7) for a panel (1) slidably mounted in a frame (3), comprising a section member (11, 111) fixed to the panel, in which there is pivotally mounted, by means of a cylindrical bead (19) placed in a cavity in the form of a groove (18), another section member (21, 121) biased circumferentially, by elastically yieldable means (29) interposed between the two section members, toward a position in which a locking element, such as a pawl (8) connected to the movable section member, normally becomes for the closing position of the panel, automatically engaged with a conjugate locking element fixed to the frame, the elastically yieldable means being capable of being neutralized under the effect of a retaining device for the movable section member which immobilizes the latter in a separable manner in a position in which, for the closing position of the panel, the locking elements are out of engagement, characterised in that the retaining device provided for neutralizing the circumferential elastically yieldable means comprises in one (11, 111) of the section members a radial cavity (37, 137) constituting a stop step for a conjugate radial boss (36, 136) provided on the other section member (21, 121), and the groove has a sectional shape (18a, 18b) of oval appearance enabling the movable section member not only to pivot but also to effect movements in a direction transverse to the pivotal connection, whereby a relative circumferential and radial sliding can occur between one of the edges (37a) of the cavity (37, 137) and the boss (36, 136) of the retaining device when a corresponding angular displacement is imparted manually to the movable section member.

IPC 1-7
E05B 65/08

IPC 8 full level
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CPC (source: EP)
E05B 65/0835 (2013.01)

Cited by
US10865588B2; US10822837B2; AU656040B2; AU648451B2; CN100353018C; AU627346B2; US11280114B2; GB2170547A; DE3602674A1; EP0342137A1; FR2631069A1; AU641561B2; EP0341174A1; FR2631068A1; US7578531B1; DE19745116A1; EP0908591A3; US10480213B2; WO03004814A1; US11359412B2; US11371263B2; US7261343B2; US11598125B2

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