

Title (en)
Automatically unlockable security linkage with catching position

Title (de)
Selbsttätig entriegelbare Sicherungsschere mit Fangstellung

Title (fr)
Compas de sécurité à cran d'arrêt déverrouillable automatiquement

Publication
EP 1055791 B1 20070411 (DE)

Application
EP 00110739 A 20000519

Priority
DE 19923662 A 19990522

Abstract (en)
[origin: EP1055791A2] Changing from the closed secured position with pin (11) fast-latched (14), the pin has to be moved relative rod (8) into the closed setting and so clear of the latch (14) or return to the latch by reverse movement. The rod (8) moves only sluggishly in i joint (10) and can be bolted in its de-latched position by means of an endstop (20) whose condition is governed by the degree of swivel to reach its operative top setting. The stop (20) can act as driver (18) when operating towards the window cleaning posit and is arranged on an arm of the scissor linkage lever (7) as coupled to the rod (8) through a pin and hole coupling (11-15), an between the scissor linkage arms (7,6). At its non-joint end (10) the rod (8) itself acts as endstop near its nose part (16) and between the active and waiting positions of the nose. The nose uses its control sector (17) which releases the endstop (20) once de-latched to allow the endstop to adopt its operative setting. In the active setting the endstop works with the back stop (18) the nose (16) and in this way entrains the rod (8) towards the cleaning position, or again moves the back stop (18) along the ma endstop (20).

IPC 8 full level
E05C 17/34 (2006.01); **E05C 17/32** (2006.01)

CPC (source: EP)
E05C 17/34 (2013.01); **E05C 17/32** (2013.01)

Cited by
CN107605287A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1055791 A2 20001129; EP 1055791 A3 20010404; EP 1055791 B1 20070411; AT E359421 T1 20070515; DE 19925450 A1 20010104; DE 50014231 D1 20070524

DOCDB simple family (application)
EP 00110739 A 20000519; AT 00110739 T 20000519; DE 19925450 A 19990603; DE 50014231 T 20000519