

Title (en)

SAFETY DEVICE FOR AN ACTUATOR FOR A WINDOW FRAME AND ACTUATOR FOR A WINDOW FRAME COMPRISING IT

Title (de)

SICHERHEITSVORRICHTUNG FÜR EINEN FENSTERRAHMENANTRIEB UND FENSTERRAHMENANTRIEB

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR ACTIONNEUR D'UN CADRE DE FENÊTRE ET ACTIONNEUR D'UN CADRE DE FENÊTRE

Publication

EP 4008870 A1 20220608 (EN)

Application

EP 21212058 A 20211202

Priority

- SM 202000660 A 20201203
- IT 202000031895 A 20201222

Abstract (en)

Safety device (10) for an actuator (100) for a window unit where the actuator (100) comprises a frame (11), an actuation member (12) and an operating device fixed to the frame (11) and coupled to the actuation member (12). In an opening configuration of the window unit the actuation member (12) is extended and in a closing configuration it is retracted. The safety device (10) comprises:- a base (13),- a locking element (14) movable between a rest configuration and an operating configuration;- elastic means (15) for forcing the locking element (14) into the operating configuration;- a yielding block (16) for retaining the locking element (14). The yielding block (16), when a predefined temperature is reached, yields so as to allow the locking element (14) to reach the operating configuration and interfere with the actuation member (12) so as to oppose the retraction thereof with respect to the frame 11 and allow the extension thereof.

IPC 8 full level

E05F 15/627 (2015.01)

CPC (source: EP)

E05F 15/627 (2015.01); **E05F 15/611** (2015.01); **E05Y 2201/224** (2013.01); **E05Y 2201/234** (2013.01); **E05Y 2201/484** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2800/252** (2013.01); **E05Y 2800/342** (2013.01); **E05Y 2800/414** (2013.01); **E05Y 2800/42** (2013.01); **E05Y 2800/676** (2013.01); **E05Y 2900/148** (2013.01)

Citation (applicant)

EP 0218316 A2 19870415 - BEARD HAROLD J [US], et al

Citation (search report)

- [XA] DE 19534614 A1 19970320 - WINKHAUS FA AUGUST [DE]
- [ID] EP 2141316 A1 20100106 - NEKOS SRL [IT]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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