

Title (en)

Safety catch for shutter moving systems

Title (de)

Sicherheitsverriegelung für ein Antriebssystem eines Klappladens

Title (fr)

Verrou de sécurité pour un système de déplacement d'un volet battant

Publication

**EP 1329584 A3 20041229 (EN)**

Application

**EP 02022085 A 20021002**

Priority

IT VR20020005 U 20020118

Abstract (en)

[origin: EP1329584A2] This safety catch permits to obtain a closure of window shutters equipped with an opening and closing automatism that acts through motor-driven elements. In general, the safety catch according to the present invention consists in providing a further play in a motorizing system (1) since the conventional support (B) and the relative bottom element of the motor housing are replaced by a round element (8) in which the motor can rotate around its axis. <IMAGE>

IPC 1-7

**E06B 9/04**; E05B 47/00; E05C 9/08; E05F 15/00

IPC 8 full level

**E06B 9/04** (2006.01)

CPC (source: EP)

**E06B 9/04** (2013.01)

Citation (search report)

- [X] DE 29512996 U1 19970213 - STUERMANN GMBH & CO [DE]
- [A] US 6009668 A 20000104 - REDDY REDREDDY SUKUMAR [US]
- [A] FR 2755463 A1 19980507 - VOLTEC [FR]
- [A] FR 2717210 A1 19950915 - ROHEE RENE DENIS GEORGES [FR]
- [A] DE 19938253 A1 20010215 - WINKHAUS FA AUGUST [DE]

Cited by

EP1878862A1; FR2903721A1; CN110080474A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**EP 1329584 A2 20030723**; **EP 1329584 A3 20041229**; IT VR20020005 U1 20030718

DOCDB simple family (application)

**EP 02022085 A 20021002**; IT VR20020005 U 20020118