

Title (en)

Connecting and disconnecting device for sliding wing and upright

Title (de)

Vorrichtung zum An- und Abkuppeln zwischen einen Schiebeflügel und einen Ständer

Title (fr)

Dispositif d'accrochage et de décrochage entre un coulissant et un montant

Publication

EP 1775402 A3 20070606 (FR)

Application

EP 06352017 A 20060922

Priority

FR 0509799 A 20050926

Abstract (en)

[origin: EP1775402A2] The device has a connection rod (2) mounted in translation on a slide (6) and supporting a male element e.g. bolt (1). A transforming unit (30) transforms the movements of the slide into movements of the rod such that, for a position (Pt2) of the rod, the male element penetrates into a female element e.g. strike plate, mounted on a stud (12), without being hooked to the female element. A control unit (40) controls the passage of the rod to a position (Pt3) such that the male element is hooked to or unhooked from the female element.

IPC 8 full level

E05B 63/24 (2006.01); **E05B 47/02** (2006.01); **E05B 63/18** (2006.01)

CPC (source: EP)

E05B 47/0002 (2013.01); **E05B 47/026** (2013.01); **E05B 65/087** (2013.01); **E05B 47/0004** (2013.01)

Citation (search report)

- [XY] FR 2860260 A1 20050401 - BRANDT IND [FR]
- [X] DE 19957033 A1 20010531 - LEHMANN VERTRIEBSGMBH [DE]
- [YA] EP 0902140 A1 19990317 - KABA GALLENSCHUETZ GMBH [DE]
- [Y] US 6585303 B1 20030701 - COOSE RONALD [US], et al
- [A] US 4902056 A 19900220 - PREVOT GERARD [FR], et al
- [A] US 3390557 A 19680702 - ERICKSON KARL H, et al
- [A] DE 2455479 A1 19760526 - UHL KG GEB
- [A] US 3938836 A 19760217 - SMITH DONALD V

Cited by

EP3168396A1; EP3498960A1; FR3043711A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1775402 A2 20070418; EP 1775402 A3 20070606; FR 2891296 A1 20070330; FR 2891296 B1 20071228

DOCDB simple family (application)

EP 06352017 A 20060922; FR 0509799 A 20050926