

Title (en)
Door or window fastener.

Title (de)
Verschluss für Türen, Fenster o. dgl.

Title (fr)
Ferrure de verrouillage pour porte, fenêtre ou analogue.

Publication
EP 0349452 A1 19900103 (FR)

Application
EP 89440059 A 19890622

Priority
FR 8809123 A 19880701

Abstract (en)
[origin: JPH0249883A] PURPOSE: To provide a simplified structure and to permit unlocking, even if there is failure of an electric motor by designing a lock, so that at least one control rod can be actuated through the manual control of a movable bracket provided with the electric motor. CONSTITUTION: During normal operation, a coupling member 23 is raised or lowered by an electric motor device 20 via a worm screw 26 and a rack 28 to move control rods 4, 5 vertically for locking or unlocking. Should the electric motor device 20 fail, a control lever 45 is released through the energization of an electromagnet 59 and a movable bracket 24 is energized upward by a resilient repulsive member 38 and the control rods 4, 5 in locking positions are moved upward for unlocking. Furthermore, the projecting gripping end of a pin 57 provided on a movement prevention device 50 is moved manually in the vertical, upward direction to thereby release the control lever 45 for unlocking.

Abstract (fr)
Une ferrure de verrouillage pour porte, fenêtre ou analogue, comporte un boîtier (2) servant de logement à un mécanisme de commande (3) constitué par des moyens moteurs électriques (20) pour actionner au moins une tringle de manoeuvre (4, 5) agissant sur un ou plusieurs organes de blocage (6). Pour autoriser le déverrouillage de la porte, fenêtre ou analogue en cas d'un dysfonctionnement des moyens moteurs électriques, ceux-ci sont montés sur un support mobile (24) apte à se déplacer, verticalement, dans le boîtier (2) et actionné par des moyens d'entraînement (37) à commande manuelle et/ou électronique et/ou électromécanique.

IPC 1-7
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IPC 8 full level
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CPC (source: EP US)
E05B 47/026 (2013.01 - EP US); **E05B 63/0069** (2013.01 - EP US); **E05B 47/0012** (2013.01 - EP US); **E05B 63/0073** (2013.01 - EP US); **E05B 2047/002** (2013.01 - EP US); **E05B 2047/0028** (2013.01 - EP US); **E05B 2047/0031** (2013.01 - EP US); **E05C 9/02** (2013.01 - EP US); **E05C 9/1841** (2013.01 - EP US); **Y10T 70/5319** (2015.04 - EP US); **Y10T 70/7051** (2015.04 - EP US); **Y10T 70/7107** (2015.04 - EP US); **Y10T 292/1021** (2015.04 - EP US)

Citation (search report)
• [XD] WO 8403909 A1 19841011 - BEUDAT EMILE [SE]
• [X] FR 2591270 A1 19870612 - SCHUERMANN & CO HEINZ [DE]

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CN103603170A; FR2719625A1; US5782118A; US6038896A; CN109989629A; EP1473425A3; WO9802630A1; WO2014023787A3

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