Title (en)

Device driven by an electrical motor for opening a window or a door by a tilting movement

Title (de)

Elektromotorisch angetriebene Kippöffnungsvorrichtung für Fenster, Türen oder dergleichen

Title (fr)

Dispositif d'ouverture basculante pour portes ou fenêtres actionné par un moteur électrique

Publication

EP 0878600 A3 20000105 (DE)

Application

EP 98105485 A 19980326

Priority

DE 19719941 A 19970513

Abstract (en)

[origin: EP0878600A2] The arrangement has a panel drive unit mounted on the window aperture frame and a coupling element on the window panel frame with a locking device which interacts with a locking counter element on the aperture frame. The locking device (9) has an electric motor drive. A first sensor (24) detects the closed position of the window. A second sensor (25) detects the locked position of the locking device. Both sensors can be in or on the housing (20) of the locking device or separately in or on the housings of the panel drive unit, coupling element or locking device.

IPC 1-7

E05D 15/52; E05B 17/22; E05B 47/00; E05F 15/10

IPC 8 full level

E05B 17/22 (2006.01); **E05B 47/00** (2006.01); **E05D 15/52** (2006.01); **E05F 15/10** (2006.01); **E05F 15/63** (2015.01); E05C 9/00 (2006.01)

CPC (source: EP)

E05B 17/22 (2013.01); **E05B 47/0012** (2013.01); **E05F 15/63** (2015.01); E05B 2047/0068 (2013.01); E05B 2047/0069 (2013.01); E05C 9/00 (2013.01); E05Y 2900/132 (2013.01); E05Y 2900/148 (2013.01)

Citation (search report)

- [X] WO 9421877 A1 19940929 - FANKHAUSER PETER [CH], et al
- [A] DE 3844101 A1 19900705 - KESSLER LUDWIG [DE]
- [A] EP 0586347 A1 19940309 - HUBER TONI [CH]
- [A] DE 3223808 A1 19831229 - WINKHAUS FA AUGUST [DE]
- [A] EP 0397179 A2 19901114 - WINKHAUS AUGUST GMBH CO KG [DE]

Cited by

CN102831666A; GB2587336A; EA008815B1; EP2166180A3; DE202005006796U1; FR2873149A1; WO2006105790A1; WO2006089795A3; WO2005066440A1; WO2006008630A1; EP3480392A1; LU100511B1; WO2005066913A3

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DOCDB simple family (publication)

EP 0878600 A2 19981118; **EP 0878600 A3 20000105**; **EP 0878600 B1 20031105**; AT 253681 T 20031115; DE 19719941 A1 19981119; DE 19719941 C2 20030227; DE 59810052 D1 20031211

DOCDB simple family (application)

EP 98105485 A 19980326; AT 98105485 T 19980326; DE 19719941 A 19970513; DE 59810052 T 19980326