

Title (en)

Swinging wing, such as a door, with electromechanical drive

Title (de)

Schwenkflügel wie Türen und dergleichen mit elektromechanischem Drehflügelantrieb

Title (fr)

Ouvrant, tel qu'une porte, avec commande électromécanique

Publication

**EP 0802296 A2 19971022 (DE)**

Application

**EP 97106384 A 19970417**

Priority

DE 19615415 A 19960418

Abstract (en)

The arrangement includes an electro-mechanic drive motor with an output shaft (7) proceeding parallel to the pivot axis (11), by which a transmission lever (9) is reciprocally moved to open and close the pivot wing (1). A connecting arrangement for a slider (19) is provided at the free end of the transmission lever, which is moved along a rail (17) firmly mounted at the pivot wing during the rotation movement of the output shaft. The pivot wing is formed as a pendulum pivot, and a soluble clutch arrangement (27) is provided between the output shaft of the drive unit (6) and the slider. At an excess of an activation force opposing the opening direction, the clutch arrangement is brought into a release condition, discontinuing the connection to the drive unit. In its usual operation, the clamping and/or holding forces of the clutch arrangement in its closed position are larger than the power exercised by the drive unit.

Abstract (de)

Ein verbesserter Schwenkflügel mit elektromechanischem Drehflügelantrieb für Türen und dergleichen weist eine Sicherheitseinrichtung auf. Im Panikfall kann nämlich die Tür nicht nur einseitig in ihre übliche Öffnungsstellung (A) sondern in die entgegengesetzte Richtung (B) unter Freigabe eines Fluchtweges verschwenkt werden. Dabei wird die übliche Triebverbindung zwischen Drehflügelantrieb (6) und dem Türflügel (1) unter Lösen einer Kupplungsverbindung (27) freigegeben. <IMAGE>

IPC 1-7

**E05F 3/22**

IPC 8 full level

**E05F 3/22** (2006.01); **E05F 15/20** (2006.01)

CPC (source: EP)

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