

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 A3 19980506 (DE)

Application

EP 97106384 A 19970417

Priority

DE 19615415 A 19960418

Abstract (en)

[origin: EP0802296A2] 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.

IPC 1-7

E05F 3/22

IPC 8 full level

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

CPC (source: EP)

E05F 3/22 (2013.01); **E05F 3/227** (2013.01); **E05F 15/72** (2015.01); **E05F 2003/228** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XY] GB 2010956 A 19790704 - VER BAUBESCHLAG GRETSCH CO
- [YA] DE 9303973 U1 19940714 - GRETSCH UNITAS GMBH [DE]

Cited by

GB2613279A; WO2022048784A1

Designated contracting state (EPC)

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