

Title (en)

Swinging door drive

Title (de)

Drehtürantrieb

Title (fr)

Mécanisme d'entraînement d'une porte battante

Publication

EP 1672156 A1 20060621 (DE)

Application

EP 05026206 A 20051201

Priority

DE 102004061629 A 20041217

Abstract (en)

Revolving door drive mechanism has door piston (31) and output shaft which is axially located in housing (1). The drive has first pressure chamber (D1) over the piston surface (32) and a second chamber over the piston surface are filled with fluid. In between pressure disk (3) and closure (9), third pressure chamber (D3) is arranged which is filled with fluid in order to prestress the compression spring (2).

IPC 8 full level

E05F 3/10 (2006.01)

CPC (source: EP)

E05F 3/102 (2013.01); **E05F 3/12** (2013.01); **E05F 3/22** (2013.01); **E05F 3/227** (2013.01); **E05Y 2201/499** (2024.05); **E05Y 2400/44** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XAY] WO 9905379 A1 19990204 - GEZE GMBH & CO [DE], et al
- [XA] WO 2004106681 A1 20041209 - DORMA GMBH & CO KG [DE], et al
- [YA] US 4590639 A 19860527 - FRITSCHKE KARL [DE], et al
- [A] EP 0562465 A1 19930929 - SCHMID PAUL [CH]

Cited by

EP2924216A1

Designated contracting state (EPC)

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