

Title (en)

Self-closing device

Title (de)

Selbstschliesseinrichtung

Title (fr)

Dispositif à fermeture automatique

Publication

EP 1589175 A3 20080402 (DE)

Application

EP 05450028 A 20050215

Priority

AT 6692004 A 20040419

Abstract (en)

[origin: EP1589175A2] Automatically triggered self-locking device for a sliding door decouples the door from a self-closing unit when the self-closing unit is in the retained state. Preferred Features: A retaining unit having a magnetic anchor (8), especially a telescopic anchor, is provided and is retained against the closing force by a fixed electromagnet. A damping unit (10) dampens the movement of the self-closing unit in the closing direction.

IPC 8 full level

E05F 1/00 (2006.01); **E05F 1/02** (2006.01); **E05F 1/08** (2006.01); **E05F 5/00** (2006.01); **E05F 3/14** (2006.01)

CPC (source: EP)

E05F 1/006 (2013.01); **E05F 1/025** (2013.01); **E05F 5/003** (2013.01); **E05F 1/16** (2013.01); **E05F 3/14** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/214** (2013.01); **E05Y 2201/218** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/232** (2013.01); **E05Y 2201/254** (2013.01); **E05Y 2201/266** (2013.01); **E05Y 2201/41** (2013.01); **E05Y 2201/412** (2013.01); **E05Y 2201/46** (2013.01); **E05Y 2201/462** (2013.01); **E05Y 2201/50** (2013.01); **E05Y 2201/652** (2013.01); **E05Y 2201/668** (2013.01); **E05Y 2800/25** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XA] DE 19811338 A1 19990923 - GEZE GMBH & CO [DE]
- [X] DE 3506740 A1 19860828 - RUEF DICTATOR [DE]
- [XA] DE 3104568 A1 19820812 - RUEF DICTATOR [DE]
- [X] DE 19840766 A1 20000309 - GEZE GMBH [DE]

Cited by

DE102014111927A1; DE102014111927B4; WO2011154214A1; EP1911919A1; DE202010017436U1; EP2977535A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1589175 A2 20051026; **EP 1589175 A3 20080402**; AT 502962 A1 20070615; AT 502962 B1 20081015

DOCDB simple family (application)

EP 05450028 A 20050215; AT 6692004 A 20040419