

Title (en)
Door closer

Title (de)
Türschließer

Title (fr)
Ferme-porte

Publication
EP 2508703 A3 20170125 (DE)

Application
EP 12163069 A 20120404

Priority
DE 102011006878 A 20110406

Abstract (en)
[origin: EP2508703A2] The door closer (1) has a housing (2), a gear arrangement and a piston (8) that is impinged with a pressure spring (9) and is linear displaceably guided with the gear arranged in an operative-connection manner. The gear arrangement is arranged in the housing. A switching valve is formed from magnets, a valve ball and valve seat that is arranged to a taper of an overflow channel. The valve ball is arranged in the overflow channel in the piston. The magnets are longitudinally adjustably arranged in a recess of the housing. Cam disk (3).

IPC 8 full level
E05F 3/10 (2006.01); **E05F 3/12** (2006.01)

CPC (source: EP)
E05F 3/104 (2013.01); **E05F 3/12** (2013.01); **E05Y 2201/20** (2013.01); **E05Y 2201/254** (2013.01); **E05Y 2201/46** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [Y] DE 2608671 A1 19770908 - DORMA BAUBESCHLAG
- [Y] GB 2254653 A 19921014 - NEWMAN TONKS ENG [GB], et al
- [AD] DE 3411189 A1 19851010 - DORMA BAUBESCHLAG [DE]

Cited by
ITUB20155028A1; ITUB20155263A1; CN109629941A; CN104499860A; DE102015214200B3; CN109812163A; WO2017077491A1; US11060338B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2508703 A2 20121010; EP 2508703 A3 20170125; DE 102011006878 A1 20121011; DE 102011006878 B4 20130314

DOCDB simple family (application)
EP 12163069 A 20120404; DE 102011006878 A 20110406