

Title (en)
Door closer

Title (de)
Türschliesser

Title (fr)
Ferme-porte

Publication
EP 1557517 A1 20050727 (EN)

Application
EP 04250266 A 20040120

Priority
EP 04250266 A 20040120

Abstract (en)
A door closer includes a closer casing (2), a pivot unit (3), and a length-variable damping cylinder (4). The pivot unit (3) includes a pivot axle (31), a cam member (32), and a cam follower member (33). The pivot axle (31) has a drive end portion (312) that extends into and that is retained rotatably in the closer casing (2), and a coupling end portion (311) that extends out of the closer casing (2). The cam member (32) is mounted co-rotatably on the drive end portion (312) of the pivot axle (31). The cam follower member (33) is disposed in the closer casing (2), and is acted upon by the cam member (32). The damping cylinder (4) is disposed in the closer casing (2), and has one end coupled to the cam follower member (33) and an opposite end anchored to the closer casing (2). <IMAGE>

IPC 1-7
E05F 3/10; E05F 3/04

IPC 8 full level
E05F 3/04 (2006.01); **E05F 3/10** (2006.01)

CPC (source: EP)
E05F 3/04 (2013.01); **E05F 3/104** (2013.01); E05Y 2800/00 (2013.01); E05Y 2900/132 (2013.01)

Citation (search report)
• [XY] GB 156351 A 19210113 - GEORGE SNELL
• [Y] GB 1194140 A 19700610 - STABILUS IND UND HANDELS GES M [DE]
• [Y] US 1666903 A 19280424 - HUBBS HENRY E, et al

Cited by
CN108443391A; CN108458026A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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