

Title (en)
Door closer

Title (de)
Türschliesser

Title (fr)
Ferme-porte

Publication
EP 1293633 A3 20060125 (DE)

Application
EP 02020109 A 20020907

Priority
DE 10145200 A 20010913

Abstract (en)
[origin: EP1293633A2] Door lock comprises a housing, a plunger (3) linearly guided in the housing, and a hydraulic damping unit. The inner chamber of the housing is filled with a damping medium and is divided into two chambers. An overflow valve is arranged in the plunger for the passage of the damping medium. when the door leaf is opened. A valve body (18) can be guided into the plunger bore (14) and is sealed with the inner surface of the plunger bore using a seal (19). Preferred Features: The plunger bore has a unit for limiting the sliding movement of the valve body. The plunger bore has a recess. The valve body has locking tongues (20) which interact with the plunger bore in a locking manner.

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

CPC (source: EP)
E05F 3/12 (2013.01); **E05F 3/102** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)
[X] EP 0328917 A1 19890823 - GRETSCH UNITAS GMBH [DE]

Cited by
EP1672157A1; EP2775078A3; EP1739264A3; EP4357651A1; EP4053368A1; GB2577542A; GB2577542B; EP1739264A2; WO2013072017A1; US7240603B2; EP2435652B1

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

DOCDB simple family (publication)
EP 1293633 A2 20030319; EP 1293633 A3 20060125; EP 1293633 B1 20080723; AT E402312 T1 20080815; CN 1250857 C 20060412; CN 1407201 A 20030402; DE 10145200 A1 20030410; DE 10145200 B4 20150910; DE 50212527 D1 20080904; ES 2305165 T3 20081101; PT 1293633 E 20080915

DOCDB simple family (application)
EP 02020109 A 20020907; AT 02020109 T 20020907; CN 02143154 A 20020913; DE 10145200 A 20010913; DE 50212527 T 20020907; ES 02020109 T 20020907; PT 02020109 T 20020907