

Title (en)
Door closer.

Title (de)
Türschliesser.

Title (fr)
Ferre-porte.

Publication
EP 0207251 A2 19870107 (DE)

Application
EP 86105855 A 19860428

Priority
DE 3524185 A 19850705

Abstract (en)
[origin: US4744125A] A door closer is described in which transmission characteristics which change in dependence on the closing angle can be realized either by two pistons disposed coaxially within one another and displaceable relative to one another, or by eccentric toothed elements.

Abstract (de)
Es wird ein Türschließer beschrieben, bei dem entweder mittels zweier koaxial ineinander und relativ zueinander verschiebbarer Kolben oder mittels exzentrischer Zahnelemente sich in Abhängigkeit vom Schließwinkel ändernde Übersetzungsfunktionen realisiert werden.

IPC 1-7
E05F 3/10

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

CPC (source: EP US)
E05F 3/10 (2013.01 - EP US); **E05F 3/102** (2013.01 - EP US); **E05F 3/104** (2013.01 - EP US); **E05F 3/106** (2013.01 - EP US); **E05F 3/225** (2013.01 - EP US); **E05Y 2201/499** (2024.05 - EP US); **E05Y 2201/688** (2013.01 - EP US); **E05Y 2201/70** (2013.01 - EP US); **E05Y 2600/00** (2013.01 - EP US); **E05Y 2600/40** (2013.01 - EP US); **E05Y 2800/12** (2013.01 - EP US); **E05Y 2800/22** (2013.01 - EP US); **E05Y 2800/28** (2013.01 - EP US); **E05Y 2800/40** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US); **Y10S 16/09** (2013.01 - US); **Y10S 16/10** (2013.01 - US)

Cited by
DE4310589C2; DE19549373B4; DE10351307B4; DE10107050C2; DE10107046C2; EP2960415A1; DE10107051C2; CN105064847A; DE19901234C1; US6345412B1; US5680674A; EP3736402A1; IT201900006728A1; WO02064932A1; WO02064926A1; US11802433B2; EP2663716A1; WO9729266A1; WO9516845A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0207251 A2 19870107; **EP 0207251 A3 19870506**; **EP 0207251 B1 19910515**; **EP 0207251 B2 19940323**; AT E63597 T1 19910615; DE 3524185 A1 19870115; DE 3679241 D1 19910620; JP S6213677 A 19870122; US 4744125 A 19880517

DOCDB simple family (application)
EP 86105855 A 19860428; AT 86105855 T 19860428; DE 3524185 A 19850705; DE 3679241 T 19860428; JP 15864186 A 19860705; US 88181986 A 19860703