

Title (en)
DOOR CLOSER

Publication
EP 0212484 B1 19890125 (DE)

Application
EP 86110959 A 19860808

Priority
DE 8524727 U 19850816

Abstract (en)
[origin: EP0212484A2] 1. Door closer, the closer shaft (2) of which carries a cam plate (6) which cooperates with a slide (10) guided on the closer shaft (2) (slot 20), the slide being connected to a damping piston through a connecting rod (12), there being between the damping piston and the slide a return spring (23) biased at one end on the damping piston and at the other on a door closer housing (1), characterised in that the slide (10) is additionally guided on the housing (1) (guide 24), the two slide guides (20, 21 and 24) of the slide being offset in the sliding direction (22).

IPC 1-7
E05F 3/10

IPC 8 full level
E05F 3/10 (2006.01)

CPC (source: EP)
E05F 3/104 (2013.01); **E05F 3/225** (2013.01); **E05Y 2201/499** (2024.05); **E05Y 2600/58** (2024.05); **E05Y 2800/12** (2013.01); **E05Y 2800/28** (2013.01); **E05Y 2900/132** (2013.01)

Cited by
EP2518251A3; GB2278882A; GB2278882B; US5417013A; EP2518252A3; US11187022B1

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

DOCDB simple family (publication)
EP 0212484 A2 19870304; EP 0212484 A3 19870603; EP 0212484 B1 19890125; EP 0212484 B2 19920902; AT E40438 T1 19890215; DE 3661952 D1 19890302; DE 8524727 U1 19861218; ES 2001533 A6 19880601

DOCDB simple family (application)
EP 86110959 A 19860808; AT 86110959 T 19860808; DE 3661952 T 19860808; DE 8524727 U 19850816; ES 8601149 A 19860814