

Title (en)
Locking device

Title (de)
Schliessvorrichtung

Title (fr)
Dispositif de verrouillage

Publication
EP 1703050 A1 20060920 (DE)

Application
EP 06003700 A 20060223

Priority
DE 102005009275 A 20050225

Abstract (en)
The door closer (1) has an actuating device (7) either side of the door panel (2) to transfer the actuating force solely in the opening or closing direction of the door. The actuating device has a drive rod (15) which diverts the actuating force through an intermediate member (14) ninety degrees to an output rod (13) which is coupled to the latch (8). A toothed actuating rack (15) running perpendicular to the plane of the door panel is connected by an intermediate pinion (14) to a rack (13) running in the plane of the door panel.

IPC 8 full level
E05C 1/14 (2006.01)

CPC (source: EP)
E05C 1/14 (2013.01)

Citation (applicant)
US 3561805 A 19710209 - SHAW ALBERT

Citation (search report)
• [X] CH 398359 A 19660315 - AHREND LIBRA NV [NL]
• [XY] DE 2457518 A1 19760610 - HANS GERD GREFERATH FA
• [XY] EP 1426529 A1 20040609 - ROSENGRENS BENELUX B V [NL]
• [X] US 5516163 A 19960514 - BAKER JOHN R [US]
• [XY] FR 2790275 A1 20000901 - JPM SA [FR]

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

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EP 1703050 A1 20060920; DE 102005009275 A1 20060831

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