

Title (en)

Self-locking closure device for doors or the like

Title (de)

Selbstverriegelnde Verschlussvorrichtung für Türen oder dergleichen

Title (fr)

Dispositif de fermeture à blocage automatique pour portes ou des choses pareilles

Publication

EP 0707123 A3 19960717 (DE)

Application

EP 95114648 A 19950918

Priority

DE 4436513 A 19941013

Abstract (en)

[origin: EP0707123A2] The bolt (3), as the result of a force release by the force accumulator (6), moves out into a frame-side closure plate. A force transmission, which can be coupled in and out, is provided between the force accumulator and the bolt, whereby the coupling (7) with the bolt moved outwards is uncoupled. The coupling, the force transmission device (10) and the force accumulator are arranged in the door. A second force accumulator (15) with a second force transmission component (48) as the result of force release draws back the bolt. The coupling is arranged between a drive rod driving the bolt and an operating rod (8) of the force accumulator.

IPC 1-7

E05B 51/02

IPC 8 full level

E05B 15/00 (2006.01); **E05B 51/02** (2006.01); **E05B 63/20** (2006.01); **E05C 9/02** (2006.01); **E05C 9/06** (2006.01); **E05C 9/18** (2006.01); **E05B 17/00** (2006.01)

CPC (source: EP)

E05B 15/002 (2013.01); **E05B 51/02** (2013.01); **E05B 63/20** (2013.01); **E05C 9/023** (2013.01); **E05C 9/063** (2013.01); **E05C 9/1841** (2013.01); **E05B 17/0054** (2013.01)

Citation (search report)

- [DA] DE 4218730 A1 19931104 - PORTAPLAN TUERENTECHNIK GMBH [DE]
- [DA] EP 0287439 A1 19881019 - ZACHARIASEN NICOLAI JEAN [FR], et al
- [A] US 4609215 A 19860902 - SELF HENRY L [US], et al

Cited by

EP2369100A1; CN105508327A; EP1314838A1; EP0859106A1; ES2149062A1; EP3575516A1; EP4023841A1; WO2017196195A1; EP4023841B1

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