Title (en)

Locking device for a movable element, in particular a vehicle door

Title (de)

Schliesseinrichtung für ein bewegliches Element, insbesondere für eine Tür eines Fahrzeuges

Title (fr)

Dispositif de fermeture pour un élément mobile, notamment une porte d'un véhicule

Publication

**EP 0967349 A3 20021120 (DE)**

Application

**EP 99110839 A 19990605**

Priority

DE 19828202 A 19980625

Abstract (en)

[origin: EP0967349A2] The locking device includes a rotating trap (1) which locks or releases a locking bolt, and a pawl (4) which locks the rotating trap in position. The pawl is driven by a positioning drive (10) to release the rotating trap in an aperture position of the element. Devices control the positioning drive in such way, that it is led back from an operating position into a rest position after a release of the rotating trap. The positioning drive is controlled by pulse width modulation.

IPC 1-7

**E05B 17/22**; E05B 47/00; E05B 65/32; E05B 65/19; E05B 65/12

IPC 8 full level

**E05B 77/26** (2014.01); **E05B 81/24** (2014.01); **E05B 81/60** (2014.01); **E05B 81/76** (2014.01); E05B 17/22 (2006.01); E05B 79/12 (2014.01); E05B 85/24 (2014.01)

CPC (source: EP US)

**E05B 77/26** (2013.01 - EP US); **E05B 81/25** (2013.01 - EP US); **E05B 81/60** (2013.01 - EP US); **E05B 81/76** (2013.01 - EP US); E05B 79/12 (2013.01 - EP US); E05B 85/243 (2013.01 - EP US); Y10T 70/7113 (2015.04 - EP US); Y10T 292/1047 (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0967349 A2 19991229**; **EP 0967349 A3 20021120**; BR 9903280 A 20000418; DE 19828202 A1 19991230; JP 2000027510 A 20000125; US 6279972 B1 20010828

DOCDB simple family (application)

**EP 99110839 A 19990605**; BR 9903280 A 19990624; DE 19828202 A 19980625; JP 18081299 A 19990625; US 34418499 A 19990624