

Title (en)

Catch locking mechanism featuring a key mechanism with lock failsafe system and high resistance against forced entry.

Title (de)

Schlossfallenmechanismus umfassend einen Schlüsselmechanismus mit einem ausfallsicheren System und mit hohem Einbruchwiderstand

Title (fr)

Mécanisme de verrouillage à loquet comprenant un mécanisme à clef avec un système fiable et résistant aux effractions

Publication

EP 1676969 A3 20080423 (EN)

Application

EP 05257150 A 20051121

Priority

CY 0400094 A 20041229

Abstract (en)

[origin: EP1676969A2] A catch locking mechanism comprises a housing, a slidable member, at least part of which is positioned inside the housing, a key cylinder arranged to receive, in use, a key, a catch arranged to engage, in use, a mating socket, fixing means for securing the catch to the slidable member, and biasing means arranged to adjust, in use, the position of the slidable member. The key cylinder is arranged such that, in use, the key received is only removable from the key cylinder at predetermined positions, between which the key cylinder is arranged to rotate.

IPC 8 full level

E05B 65/08 (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)

E05B 11/02 (2013.01); **E05B 27/0085** (2013.01); **E05B 65/087** (2013.01); **E05B 13/10** (2013.01); **E05B 17/0083** (2013.01); **E05B 63/06** (2013.01)

Citation (search report)

- [X] EP 0869239 A1 19981007 - FERCO INT USINE FERRURES [FR]
- [X] US 3120748 A 19640211 - RECHBERG SIG R
- [A] EP 0869244 A1 19981007 - FERCO INT USINE FERRURES [FR]
- [A] EP 0044264 A1 19820120 - FERCO INT USINE FERRURES [FR]
- [A] GB 2310453 A 19970827 - A C TECHNOMETAL LTD [CY]
- [A] FR 1339418 A 19631004 - PAUL OBERHOLZ U SOHNE SCHLOSS
- [A] US 2003126897 A1 20030710 - SHEN JOHNNY [TW]
- [A] US 2844020 A 19580722 - CHITTUM JACK O, et al
- [A] DE 19502347 A1 19960801 - SCHULTE & CO SCHLOSFABRIK [CH]

Cited by

GR20060100549A; EP3739151A1

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1676969 A2 20060705; **EP 1676969 A3 20080423**; **EP 1676969 B1 20110824**; AT E521772 T1 20110915; CY 1112060 T1 20151104; CY 2516 B1 20060208

DOCDB simple family (application)

EP 05257150 A 20051121; AT 05257150 T 20051121; CY 0400094 A 20041229; CY 111101126 T 20111122