

Title (en)

Improved lock with latches having elliptical head portions

Title (de)

Verbessertes Schloss mit Verriegelung aus elliptischen Kopfabschnitten

Title (fr)

Verrou amélioré avec des pènes comportant de portions à tête elliptique

Publication

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Application

EP 08162511 A 20080818

Priority

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Abstract (en)

The present invention proposes a lock mechanism with at least one linear latching element having a head portion (13) suitable for engaging with a respective door frame lock panel slot in the direction the latch displace to lock the door. Engaging of said head portions (13) with said slots ensure that releasing of the latch by forcibly moving it in the direction of the lock assembly or door frame is prevented. The latches having a regular linear structure according to the present invention are adapted to displace in a rotational manner around their axes by means of a pin secured to the latch body and guided on a non-linear channel to effect rotation.

IPC 8 full level

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CPC (source: EP)

E05B 63/125 (2013.01); **E05B 15/108** (2013.01); **E05B 59/00** (2013.01)

Citation (applicant)

DE 4006724 A1 19910905 - FLIETHER KARL GMBH & CO [DE]

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (application)

EP 08162511 A 20080818; AT 08162511 T 20080818; CN 200980136647 A 20090818; DE 602008005142 T 20080818; EA 201170343 A 20090818; EP 2009060658 W 20090818; UA A201103087 A 20090818