

Title (en)  
Latch lock

Title (de)  
Fallenschloss

Title (fr)  
Serrure à pêne demi-tour

Publication  
**EP 1621704 A1 20060201 (DE)**

Application  
**EP 05010701 A 20050518**

Priority  
DE 102004036607 A 20040728

Abstract (en)  
The lock has a latch (2) whose head includes a pivotable latch segment (10), which is supported in an area of a latch bevel. The latch segment has a sliding cam (15) with a curved sliding surface (16) that is perpendicular to a guidance surface (14) of a guidance recess (5). The guidance surface withdraws the latch movement in open position such that the sliding surface exhibits an unwinding effect at the guidance surface.

IPC 8 full level  
**E05B 59/00** (2006.01); **E05B 15/02** (2006.01); **E05B 15/10** (2006.01); **E05B 63/04** (2006.01)

CPC (source: EP)  
**E05B 15/102** (2013.01); **E05B 59/00** (2013.01); **E05B 63/04** (2013.01)

Citation (search report)

- [A] EP 0828047 A2 19980311 - FUHR CARL GMBH & CO [DE]
- [A] US 2004089033 A1 20040513 - LU MEI-FENG [TW]
- [A] AT 389343 B 19891127 - GRUNDMANN ROHRBACHER SCHLOSSER [AT]
- [A] DE 1746397 U 19570606 - WITTE & CO EWALD [DE]

Cited by  
JP2016502008A; FR2927644A1

Designated contracting state (EPC)  
AT DE FR IT

DOCDB simple family (publication)  
**EP 1621704 A1 20060201**; **EP 1621704 B1 20061206**; AT E347642 T1 20061215; DE 102004036607 B3 20051208; DE 502005000220 D1 20070118

DOCDB simple family (application)  
**EP 05010701 A 20050518**; AT 05010701 T 20050518; DE 102004036607 A 20040728; DE 502005000220 T 20050518