

Title (en)  
ELECTROMECHANICAL CYLINDER LOCK

Title (de)  
ELEKTROMECHANISCHES ZYLINDERSCHLOSS

Title (fr)  
SERRURE A CYLINDRE ELECTROMECHANIQUE

Publication  
**EP 1240399 B1 20040915 (EN)**

Application  
**EP 00989145 A 20001222**

Priority  
• SE 0002653 W 20001222  
• SE 9904771 A 19991223

Abstract (en)  
[origin: WO0148341A1] An electromechanical cylinder lock-key combination comprises a housing having a bore, a core (10) rotatably arranged in the bore and having a key-way (12). A side bar (20) is arranged to block rotation of the core with respect to the housing when in a blocking position. An electronically controllable actuator (30) is provided to prevent movement of the side bar from the blocking position when a key is not present in the lock. A returning means (50) is arranged to mechanically co-operate with the key and the actuator to move said actuator to a blocking position in response to withdrawal of the key from said key-way. This mechanical movement of the actuator ensures that the electronic blocking mechanism is moved to a blocking position in case of power failure.

IPC 1-7  
**E05B 47/06**

IPC 8 full level  
**E05B 47/06** (2006.01); **E05B 27/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)  
**E05B 47/063** (2013.01); **E05B 27/0064** (2013.01); **E05B 27/0082** (2013.01); **E05B 47/0012** (2013.01); **E05B 2047/0024** (2013.01)

Cited by  
DE102006012196B3; US10570643B2; DE102006042030B3; CN113227519A; AU2018451779B2; WO2022213138A1; WO2020114611A1; TWI768269B; EP3891352B1

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