

Title (en)
Electromechanical rotating closing cylinder

Title (de)
Elektro-mechanischer Drehschliesszylinder

Title (fr)
Cylindre de fermeture rotatif électromécanique

Publication
EP 2239401 A3 20130703 (DE)

Application
EP 10007227 A 20061213

Priority
• EP 06817747 A 20061213
• CH 20782005 A 20051227

Abstract (en)
[origin: WO2007073608A1] Disclosed is a rotary lock cylinder comprising a blocking element (25, 64) that engages into the rotor (10) in a closed position while releasing the rotor (10) in an open position. An actuator (17, 78) can be controlled in accordance with data located on the key (2). In order to displace the blocking element (25, 64) from the closed position into the open position, a latch element (33, 63) is provided which can be moved along with the key (2). The blocking element (25, 64) can be attached by means of the actuator (17). The energy required for moving the blocking element (25) is supplied by the user when introducing the key (2) into the key duct (11) such that the load on the power source used for actuating the actuator (17, 78) is minimal.

IPC 8 full level
E05B 47/06 (2006.01); **E05B 9/04** (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP US)
E05B 47/063 (2013.01 - EP US); **E05B 47/0012** (2013.01 - EP US); **E05B 2047/0016** (2013.01 - EP US); **E05B 2047/0017** (2013.01 - EP US); **E05B 2047/0023** (2013.01 - EP US); **Y10T 70/7062** (2015.04 - EP US); **Y10T 70/7068** (2015.04 - EP US); **Y10T 70/7079** (2015.04 - EP US); **Y10T 70/7102** (2015.04 - EP US); **Y10T 70/713** (2015.04 - EP US); **Y10T 70/7136** (2015.04 - EP US)

Citation (search report)
• [A] US 6442986 B1 20020903 - RUSSELL ROGER KEITH [US], et al
• [A] FR 2849083 A1 20040625 - VACHETTE SA [FR]
• [A] FR 2808552 A1 20011109 - VACHETTE SA [FR]
• [A] DE 19517704 A1 19961114 - BKS GMBH [DE]
• [A] EP 0712981 A1 19960522 - AZBE B ZUBIA S A [ES]

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 RS

DOCDB simple family (publication)
WO 2007073608 A1 20070705; AU 2006331309 A1 20070705; AU 2006331309 B2 20110602; CA 2629838 A1 20070705; CA 2629838 C 20150324; DE 212006000064 U1 20080807; EP 1966455 A1 20080910; EP 1966455 B1 20180314; EP 2239401 A2 20101013; EP 2239401 A3 20130703; EP 2239401 B1 20161116; HK 1146099 A1 20110513; JP 2009521631 A 20090604; JP 5069694 B2 20121107; US 2009007613 A1 20090108; US 2011259062 A1 20111027; US 7987687 B2 20110802; US 8186192 B2 20120529; ZA 200806102 B 20091028

DOCDB simple family (application)
CH 2006000695 W 20061213; AU 2006331309 A 20061213; CA 2629838 A 20061213; DE 212006000064 U 20061213; EP 06817747 A 20061213; EP 10007227 A 20061213; HK 10112271 A 20101230; JP 2008547821 A 20061213; US 15961206 A 20061213; US 201113102748 A 20110506; ZA 200806102 A 20061213