

Title (en)
Cylinder lock

Title (de)
Schliesszylinder

Title (fr)
Serrure cylindrique

Publication
EP 0999328 B1 20070124 (DE)

Application
EP 99122166 A 19991105

Priority
• DE 19851065 A 19981105
• DE 19851308 A 19981106

Abstract (en)
[origin: EP0999328A1] The lock has an access control circuit (12), housed in an internal door knob (8), actuated by a coded key fob type transmitter. This energizes a coil (22) causing an armature (24) to engage a coupling system (18) with an external door knob (10) which houses a battery (14). This enables the knob to actuate the locking pin (6). A counter magnet (50) can be provided to hold the coupling in the disengaged position.

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

CPC (source: EP)
E05B 47/0615 (2013.01); **E05B 47/0642** (2013.01); **E05B 47/0004** (2013.01); **E05B 2047/0058** (2013.01); **E05B 2047/0092** (2013.01)

Citation (examination)
• EP 0943763 A1 19990922 - ABLOY OY [FI]
• US 4789859 A 19881206 - CLARKSON BRUCE A [US], et al
• GB 1452032 A 19761006 - GOAL KK

Cited by
DE10303220B3; EP2570574A1; DE102004056988B4; DE102004056989B4; DE10225368C1; EP2302149A1; EP1842990A3; EP2290179A1; CN104975765A; CN114550347A; DE102005020804A1; EP1719861A3; EP1803875A3; DE10230344B3; EP1378620A3; US8375753B2; WO2007000576A1; WO2008096355A1; US11933076B2; US11913254B2; EP1443162A2; US8011217B2; US11466473B2; US7845201B2; US11339589B2; US11447980B2; USD891901S; USD926018S; USD937655S; USD965407S

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0999328 A1 20000510; EP 0999328 B1 20070124; AT E352687 T1 20070215; DE 59914166 D1 20070315; SG 90195 A1 20020723

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EP 99122166 A 19991105; AT 99122166 T 19991105; DE 59914166 T 19991105; SG 200006499 A 20001106