

Title (en)
Cylinder for a safety lock

Title (de)
Dreh-schliesszylinder für ein Sicherheitsschloss

Title (fr)
Cylindre pour serrure de sécurité

Publication
EP 1700980 A1 20060913 (DE)

Application
EP 05405227 A 20050308

Priority
EP 05405227 A 20050308

Abstract (en)
The rotatable lock cylinder has blocking element (14) which is composed of two parts (15, 16) between which a spring element (18) is arranged. The two parts are separated from each other in case of an unplaced core pin such that the two parts cannot be reunited. The blocking element rests in a spring-loaded manner against an outer surface of the rotor and blocks the rotor.

IPC 8 full level
E05B 27/00 (2006.01)

CPC (source: EP)
E05B 27/0064 (2013.01)

Citation (applicant)
• DE 19934883 C1 20010118 - WAGNER ALEXANDER JOSEF [DE]
• FR 2312630 A1 19761224 - CAVERS ETS [FR]
• US 3802234 A 19740409 - GERLACH J

Citation (search report)
• [A] CA 2313454 A1 20000420 - INTERNAT SECURITY PRODUCTS INC [US]
• [A] DE 19934883 C1 20010118 - WAGNER ALEXANDER JOSEF [DE]
• [A] US 3802234 A 19740409 - GERLACH J
• [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

Cited by
GB2624453A; EP2500493A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1700980 A1 20060913; EP 1700980 B1 20080813; AT E404764 T1 20080815; DE 502005005021 D1 20080925; DK 1700980 T3 20081124; ES 2311203 T3 20090201; HK 1096717 A1 20070608; PL 1700980 T3 20081231; PT 1700980 E 20081024; SI 1700980 T1 20090228; WO 2006094416 A1 20060914

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EP 05405227 A 20050308; AT 05405227 T 20050308; CH 2006000128 W 20060301; DE 502005005021 T 20050308; DK 05405227 T 20050308; ES 05405227 T 20050308; HK 07101238 A 20070201; PL 05405227 T 20050308; PT 05405227 T 20050308; SI 200530451 T 20050308