

Title (en)

Lock cylinder having two driving elements coupled rotatably together

Title (de)

Schliesszylinder mit zwei Antriebselementen mit Drehkupplung

Title (fr)

Serrure cylindrique avec deux éléments d'entraînement avec couplage rotatif

Publication

EP 1046768 A2 20001025 (EN)

Application

EP 00303034 A 20000411

Priority

DE 19918305 A 19990422

Abstract (en)

The invention relates to a lock cylinder (1) having two driving elements coupled rotatably together, one of which in the form of a sleeve (7) encases the other in the form of a core (6). The two driving elements are coupled to one another by a latch (8) that is arranged in the core (6), is spring-mounted in a radially outward direction with respect to the core, and engages in an opening (9) in the sleeve (7). The coupling is releasable by engagement of a tool in a radial opening (18) arranged in alignment with the latch displacement direction. The latch (8) is arranged to be displaced backwards into a latch deflection space (17). The radial depth of the latch deflection space (17) is greater than the back-travel of the latch (8) required for disengagement. The plurality of latches (8) operate independently of one another and are arranged in a common cross-sectional plane. <IMAGE>

A lock cylinder (1) has two rotating driving elements coupled together via a spring-mounted latch, one element acting as a sleeve (7) encasing the other forming a core. The coupling can be released by placing a tool in a radial opening (18). The latch is moved back into a latch deflection space. The radial depth is greater than the back-travel of the latch required for disengagement. Several latches can be used operating independently.

IPC 1-7

E05B 1/00; E05B 49/00

IPC 8 full level

E05B 3/04 (2006.01); **E05B 27/04** (2006.01); **E05B 15/04** (2006.01); **E05B 35/00** (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP)

E05B 3/04 (2013.01); **E05B 47/0615** (2013.01); **E05B 47/0649** (2013.01); **E05B 35/008** (2013.01); **E05B 2015/0462** (2013.01)

Citation (applicant)

DE 29620075 U1 19980416 - FLIETHER KARL GMBH & CO [DE]

Cited by

DE102004011449A1; CN110512948A

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 1046768 A2 20001025; **EP 1046768 A3 20010207**; DE 19918305 A1 20001102; DE 19918305 C2 20010712

DOCDB simple family (application)

EP 00303034 A 20000411; DE 19918305 A 19990422