

Title (en)

Rotary tumbler cylinder lock

Title (de)

Zylinderschloss mit drehbaren Zuhaltungen

Title (fr)

Serrure cylindrique à gorges rotatives

Publication

EP 1199425 A3 20031119 (EN)

Application

EP 01308755 A 20011015

Priority

- GB 0025509 A 20001018
- GB 0110001 A 20010424

Abstract (en)

[origin: EP1199425A2] A rotary cylinder lock comprising a barrel (10,31) angularly movable in a housing (13) and a plurality of angularly movable, axially spaced tumblers (24) within the barrel. The tumblers have respective notches (12) which can be brought into alignment by operation of a correct key to allow a blocking member (14) to enter said aligned notches and allow angular movement of the barrel. In one embodiment tumblers are biased away from their respective positions, in which the blocking member can enter their respective notches, by torsion springs (23) at one side of a tumbler. Additionally the pack of tumblers can be sub-divided into two or more independent tumbler sub-packs by one or more dividers (39). In another embodiment, the biasing is by compression springs (30) at the circumference of the tumblers. <IMAGE> <IMAGE>

IPC 1-7

E05B 21/06

IPC 8 full level

E05B 21/06 (2006.01); **E05B 29/12** (2006.01); **E05B 15/04** (2006.01)

CPC (source: EP)

E05B 21/066 (2013.01); **E05B 2015/041** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1199425 A2 20020424; **EP 1199425 A3 20031119**; GB 0124650 D0 20011205; GB 2369650 A 20020605

DOCDB simple family (application)

EP 01308755 A 20011015; GB 0124650 A 20011015