

Title (en)

ROTARY LOCKING CYLINDER FOR A SAFETY LOCK

Title (de)

DREHSCHLIESSZYLINDER FÜR EIN SICHERHEITSSCHLOSS

Title (fr)

CYLINDRE DE VERROUILLAGE TOURNANT POUR SERRURE DE SURETE

Publication

**EP 0815336 A1 19980107 (DE)**

Application

**EP 96904703 A 19960308**

Priority

- CH 9600089 W 19960308
- CH 78695 A 19950320

Abstract (en)

[origin: WO9629492A1] The rotary locking cylinder described has a stationary part (2) and a rotating part (3), plus several tumblers (8) each with a core pin (10) and a housing pin (9). Mounted in the rotating part (3) is at least one locking element (22) which can be displaced approximately at right angles to the core pin (10) of a tumbler (8) and in its position of rest engages in a recess (20) in the stationary part (2). The recess (20) in the stationary part (2) has a control surface (19) designed so that, when the unlocked stationary part (2) is rotated, the locking element (22) is moved towards the core pin (10). Machined in the surface (10b) of the core pin (10) is a groove (12) such that, with the core pin (10) inserted, after the rotating part (3) has rotated through a relatively small angle, the locking element (22) can be pushed far enough into the groove (12) for it to be lifted out of the recess (20) in the stationary part (2) and, with the core pin (10) not inserted, the locking element (22) essentially cannot be pushed out of its position of rest and rests against the surface (10b) of the core pin (10).

IPC 1-7

**E05B 27/00**

IPC 8 full level

**E05B 27/00** (2006.01)

CPC (source: EP US)

**E05B 27/00** (2013.01 - EP US); **E05B 27/0021** (2013.01 - EP US); **Y10T 70/7605** (2015.04 - EP US); **Y10T 70/7616** (2015.04 - EP US)

Citation (search report)

See references of WO 9629492A1

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