

Title (en)

Axial tumbler type cylinder lock.

Title (de)

Zylinderschloss mit axialen Zuhalttestiften.

Title (fr)

Serrure cylindrique, notamment du type pompe.

Publication

EP 0012075 A1 19800611 (FR)

Application

EP 79400914 A 19791126

Priority

- FR 7833499 A 19781127
- FR 7904606 A 19790222
- FR 7923187 A 19790918

Abstract (en)

1. Cylindrical lock comprising a stator (2, 34, 60) with a generally cylindrical cavity, a rotor (4, 43, 61) rotatable in the stator, said rotor providing an axial hole for a key, means (16, 17, 18, 45) responsive to the key for taking on a particular arrangement under the effect of a suitable key and other arrangements in the absence of a suitable key, a rotative bolt control cam (10, 71) drivable in rotation by the rotor, said rotation of the cam being allowed only under the particular arrangement of said means (16, 17, 18, 45, 62), characterized by the fact that it comprises means for disconnecting said control cam (10, 71) from the rotor (4, 43, 61) by an axial separation, comprising two disconnecting blocks (6, 9-33, 39-64, 68) aligned successively with the rotor, one of which (9, 33, 68) drives said bolt control cam and the other (6, 39, 64) of which coacts with said key responsive means (16, 17, 18, 45) in order to be driven with the rotor when said means have taken on said particular arrangement and not to be driven by the rotor when they have taken on another arrangement, means (25) being provided for converting the relative rotational motion of one block relative to the other into an axial separation motion which brings the control cam out of reach of the rotor.

Abstract (fr)

Une serrure cylindrique, notamment du type "pompe", comprend un stator (2), un rotor (4) avec un passage axial pour une clef et une pluralité de balanciers (17, 18) dans le rotor (4). Elle comporte un premier palier (6) entraîné en rotation par le rotor (4) lorsque les balanciers (17, 18) sont alignés et un second palier (9) coulissant non rotatif, des moyens (25) éloignant le palier (9) lorsque le palier (6) tourne, une came de commande (10), une came d'entraînement (7) et des moyens d'indexation angulaire de la came de commande (10). La serrure est ainsi rendue pratiquement inrochetable.

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CPC (source: EP)

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FR 659113 A 19290625 - FERMIERE DES COFFRES FORTS BAU

Cited by

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