

Title (en)

RELEASABLE LOCK FOR A MOTOR VEHICLE LOCKING SYSTEM

Title (de)

LÖSBARER VERSCHLUSS FÜR EIN VERSCHLUSSSYSTEM EINES KRAFTFAHRZEUGS

Title (fr)

VERROU DEBRAYABLE POUR UN MECANISME DE SERRURE AUTOMOBILE

Publication

**EP 1859113 B1 20080723 (FR)**

Application

**EP 06743199 A 20060222**

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Abstract (en)

[origin: WO2006092371A1] The invention concerns a releasable lock (10), in particular for a motor vehicle locking system, comprising a fixed stator (14), an intermediate tubular sleeve (16) which is mounted rotating about its axis in the stator and which is axially fixed relative to the stator, a rotor (12) which is mounted rotating inside the sleeve, which is axially fixed relative to the sleeve and which comprises springs (32) radially mobile under the action of a key designed to be axially introduced into the rotor, the rotor (12) and the intermediate sleeve (16) being locked in rotation relative to each other by the springs when the key is not compatible, a driving element (26) coupling the rotor and a control lever (24), called flat latch, when the key is compatible and an indexer (28) which is axially mobile between a rest position and a releasing position, under the effect of a rotation of the sleeve relative to the stator following the rotation of the rotor by means of a non-compatible key, to move the driving element axially towards a released position. The invention is characterized in that the indexer (28) and the driving element (26) are cylindrical parts enclosing the rotor (12) and are nested mobile into each other, the driving element (26) is linked in translation on the rotor (12) and the indexer (28) is linked in translation in the stator (14).

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