

Title (en)  
DISENGAGEABLE LOCK FOR MOTOR VEHICLE LOCKING SYSTEM

Title (de)  
ENTKUPPELBARE VERRIEGELUNG FÜR KRAFTFAHRZEUGVERRIEGELUNGSSYSTEM

Title (fr)  
VERROU DEBRAYABLE POUR UN MECANISME DE SERRURE AUTOMOBILE

Publication  
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Application  
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Abstract (en)  
[origin: WO2006097476A1] The invention concerns a disengageable lock (10), in particular for motor vehicle locking system, comprising a fixed stator (14), an intermediate tubular sleeve (16) which is mounted rotatably about its axis in the stator and which is axially stationary relative to the stator, a rotor (12) which is mounted rotatably in the sleeve, which is axially stationary in the sleeve and which comprises springs (32) radially mobile under the action of a key designed to be introduced axially 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 member (26) coupling the rotor and a control lever (24), called locking-interlocking lever, when the key is compatible and an indexer (28) which is axially mobile between a rest position and a disengaged position, under the effect of a rotation of the sleeve relative to the stator following the rotation of the rotor of a non-compatible key, to move axially the driving element towards a disengaged position. The invention is characterized in that the indexer (28) and the driving member (26) are cylindrical parts surrounding the rotor (12) and are mobile in mutual support, the driving member (26) is linked in disengageable rotation on the rotor (12) and the indexer (28) is linked in translation in the stator (14) by ribs surrounding the intermediate sleeve.

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