Title (en)
METHOD FOR ACTUATING A PAWL IN A LOCK WITH A ROTARY LATCH FOR A MOTOR VEHICLE

Title (de)
VERFAHREN ZUR BETÄTIGUNG EINER SPERRKLINKE IN EINEM SCHLOSS MIT DREHFALLE FÜR EIN KRAFTFAHRZEUG

Title (fr)
PROCEDE D'ACTIONNEMENT D'UN CLIQUET D'ARRET AU SEIN D'UNE SERRURE POURVUE D'UNE CLENCHE PIVOTANTE POUR UN VEHICULE AUTOMOBILE

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Application
EP 03773466 A 20030930

Priority
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Abstract (en)
[origin: WO2004040089A1] According to the inventive method, a pawl (1) which in a normal mode of operation is rotatably mounted about a point of rotation (3) when it is in a closed position can be rotated by means of a first actuator (4), which is controlled by a main power supply (11) and by means of a toothed gearwheel segment (5) which is also rotatably mounted about said point of rotation (3) and which can run freely in relation to the pawl (1), until an open position is obtained. In the event of an emergency, the pawl (1) can be rotated by means of a second self-inhibiting actuator (6), which is controlled by the emergency power supply (7), by means of another rotatably mounted toothed gearwheel segment (8) which comprises a toothed gearwheel (9) having a smaller diameter and which engages with the toothed wheel segment (5), until an open position is obtained. The emergency power supply (7) is then interrupted and the pawl (1) is maintained in an open position.

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