

Title (en)

CLOSURE FOR DOORS, BONNETS, TAILGATES OR THE LIKE, IN PARTICULAR OF VEHICLES, SUCH AS MOTOR VEHICLES

Title (de)

VERSCHLUSS FÜR TÜREN, HAUBEN, KLAPPEN OD. DGL., INSBESONDERE VON FAHRZEUGEN, WIE KRAFTFAHRZEUGEN

Title (fr)

SYSTEME DE FERMETURE POUR PORTIERES, CAPOTS, VOLETS OU SIMILAIRES, NOTAMMENT POUR VEHICULES TELS QUE DES AUTOMOBILES

Publication

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Application

EP 97923859 A 19970509

Priority

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- EP 9702378 W 19970509

Abstract (en)

[origin: DE19626914C1] The invention concerns a closure comprising a lock cylinder with a cylinder core (33) which can be actuated by a key (34) and can also be moved into a so-called safely secured position (74), with a handle (10) which sometimes acts on a lock transmission member (20), with a switching cam (42) used to actuate a microswitch (50, 50'), and finally with a central-locking member (60) of a central-locking system, which member can be moved into an inactive position (60') and cannot be actively reset again in the safely secured position (74). According to the invention, in order to eliminate the risk of defective operations, the switching cam (42) is provided on a spring-loaded control member (40) which, when the key is turned, can be moved out of a coupling plane (69) into an uncoupling plane (67) where it is uncoupled from the cylinder core (33) and springs back into a normal position as the result of spring force. For other switching functions, the switching cam (42) can carry out lifting movements as the key is turned further after uncoupling. At least part of the transmission member (20) is deflected out of the actuation direction of the handle (10) when the central-locking member (60) is in the inactive position. An abutment face on the control member (40) holds the transmission member (20) in its uncoupling plane in that it is located in a second, raised plane. As a result, a previously actuated microswitch is overtravelled without functioning.

IPC 1-7

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IPC 8 full level

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Citation (search report)

See references of WO 9801642A1

Cited by

EP3318703A1; WO2018083133A3; US11514734B2; US11861958B2

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