

Title (en)
LOCK FOR FLAPS, DOORS OR THE LIKE, IN MOTOR VEHICLES, ESPECIALLY A LOCK FOR GLOVE COMPARTMENTS

Title (de)
SCHLOSS FÜR KLAPPEN, TÜREN ODER DGL. VON FAHRZEUGEN, INSBESONDERE HANDSCHUHFACH-SCHLOSS

Title (fr)
SERRURE POUR VOLETS, PORTES OU SIMILAIRES, DE VEHICULES, NOTAMMENT SERRURE DE BOITE A GANTS

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Application
EP 99944382 A 19990812

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• EP 9905919 W 19990812

Abstract (en)
[origin: US6505867B1] The invention relates to a lock that can be used with a flap, comprising a rotary unit that is made up of a rotary spagnolet that interacts with a closing element (10) and a rotating latch (22). In order to improve operational performance, the rotary unit is provided with a rigid catch (23) that preferably has two counter shoulders running in opposite directions. The output member (35) of a motor (40)-driven gear mechanism is also provided with two corresponding counter shoulders. This enables the motor to provide assistance with closing and, optionally, opening, whereby the rotary unit can be guided in a closing, tilting direction or an opening, tilting direction until the flap is fully closed or opened. The motor (40) comprises a gear mechanism with a group of gears that can be displaced between an engaged position and a separated position. The detent pawl (16) which interacts with the rotating latch (22) is disabled in the separated position, should an emergency arise. When the flap is in a closed or open position, a free area exists between the shoulders and counter shoulders, enabling the flap to be moved manually.

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IPC 8 full level
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