

Title (en)

VEHICLE BODY SHELL AND DEVICE FOR LOCKING THE DOOR IN A CLOSED POSITION

Title (de)

FAHRZEUGKAROSSERIE UND VORRICHTUNG ZUM VERSCHLIESSEN DER TÜR IN GESCHLOSSENER STELLUNG

Title (fr)

CAISSE DE VÉHICULE, ET DISPOSITIF DE VERROUILLAGE DE LA PORTE EN POSITION DE FERMETURE

Publication

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Application

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Abstract (en)

[origin: WO2011089339A1] The invention relates to a vehicle body shell (1) including an opening, at least one door (2) that is provided at said opening and is capable of closing or opening said body shell, and at least one device (3) for locking the door in a closed position. Said body shell includes: a locking member (4) that is movable between a locked position P1 and an unlocked position P2 and interacts with the locking or unlocking by means of a corresponding locking element (5); an electromagnetic means (6) for moving the locking member (4) from said locked position P1 to said unlocked position P2; and a resilient means (7) for stressing the locking member (4) from said unlocked position P2 to said locked position P1. According to the invention, the locking member (4) provides temporary control, and the device (3) for locking the door in a closed position includes a supporting means that is movable at least from a first released position P3, in which the locking member (4) is in said locked position P1, to a second stable and engaged position P4, wherein said supporting means (8) engages with the locking member (4) in said unlocked position P2 so as to counter the stress of the resilient means (7) while mechanically maintaining the locking member (4) in said locked position P2. Moreover, said supporting means is capable of being retracted by the locking element (5) when the door (2) moves.

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