

Title (en)

DEVICE FOR PROTECTING A MOTOR VEHICLE FROM AN UNAUTHORIZED OPENING, PARTICULARLY OF THE VEHICLE DOOR

Title (de)

EINRICHTUNG ZUR SICHERUNG EINES KRAFTFAHRZEUGES VOR UNBEFUGTEM ÖFFNEN, INSBESONDERE DER FAHRZEUGTÜR

Title (fr)

DISPOSITIF POUR PROTEGER UNE AUTOMOBILE D'OUVERTURES NON AUTORISEES, NOTAMMENT DE PORTIERE

Publication

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Application

EP 04762987 A 20040604

Priority

- EP 2004006052 W 20040604
- DE 10326717 A 20030606

Abstract (en)

[origin: WO2004109044A1] The invention relates to a device for protecting a motor vehicle from an unauthorized opening, particularly of the vehicle door, inside of which a locking device (1) is integrated that is provided with a locking cylinder (3) located inside a system housing (2). Said locking cylinder consists of a cylinder core (5), which is rotationally mounted inside a cylinder sleeve (4) and which comprises spring-loaded tumblers (6) mounted in a manner that enables them to be radially displaced. During locking, these tumblers extend through the locking device (1) whereby entering corresponding channels (7) of the cylinder sleeve (4). The rotation of the cylinder core (5) about the axis (9) of the locking cylinder (3) via a longitudinally extended connecting part (10), which is interactively connected to the cylinder core (15) in an indirect or direct manner, is transferred to the locking mechanism of the locking device (1). The invention provides that the locking cylinder (3) and thus the cylinder core (5) with its longitudinally extended connecting part (10), which is interactively connected to the locking mechanism, is essentially unchangeable when acted upon, in particular, by a large externally originating force (F1) suddenly acting upon the locking cylinder (3) in the axial position thereof by a mechanical blocking element (14) that prevents an inwardly directed axial displacement of the locking cylinder (3).

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

- CZ 12861 U1 20021209 - FAB [CZ]
- DE 19639248 C1 19980102 - VALEO GMBH & CO SCHLIESSYST KG [DE]
- US 2276655 A 19420317 - JACOBI EDWARD N

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