

Title (en)

AN AUXILIARY OPENING AND CLOSING DEVICE FOR "AUTOMOTIVE" FIELD

Title (de)

ZUSÄTZLICHE OFFEN- UND SCHLIESS- VORRICHTUNG FÜR DAS AUTOMOBILGEBIET

Title (fr)

DISPOSITIF SUPPLÉMENTAIRE D'OUVERTURE ET FERMETURE POUR LE DOMAINE AUTOMOBILE

Publication

**EP 2995754 B1 20190424 (EN)**

Application

**EP 15184808 A 20150911**

Priority

IT RM20140517 A 20140911

Abstract (en)

[origin: EP2995754A1] An auxiliary device for opening and closing the loading compartment of a motor vehicle, which can be installed on the back door of the vehicle, comprises: an anchoring plate (4) installed on the fixed side (PF) of the back door, and an anchoring plate (3) installed on the mobile side (PM) of the back door; a case (1) that protects and completes the entire device, said case (1) being hinged to the anchoring plate (3) of the mobile side (PM) of the back door; an engagement and release system constituted by a fixed plate (10) and a mobile plate (9), which is connected to a cylinder (6) rotatable with a key (2), and a thrust spring (7) set on the case (1) of the mobile side (PM) of the back door, and by a mobile shaped hook (5), provided with spring-operated return means, which is mounted on the anchoring plate (4) of the fixed side (PF) of the back door; as well as a removable armoured hinge (8), with a system for protection against non-authorized removal, made up of an appropriately shaped and structured pin with breakable head (13) and a groove for an anti-removal safety Allen screw (14); a chip (11) fixed within the case (1) hinged on the anchoring plate (3) of the mobile side (PM) of the back door; and a feeler (12) appropriately shaped with elastic electric contacts fixed on the anchoring plate (4) of the fixed side (PF) of the back door and electrically connected to a processor (CPU) set on the fixed side (PF) of the back door or in the loading compartment.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN110685498A; EP3255229A1

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