

Title (en)  
ASSEMBLY FOR LOCKING THE DOOR OF VEHICLES

Title (de)  
ANORDNUNG ZUM ABSCHLIESSEN DER TÜREN VON KRAFTFAHRZEUGEN

Title (fr)  
ENSEMBLE DE VERROUILLAGE DE LA PORTE DES VÉHICULES

Publication  
**EP 3109386 A1 20161228 (EN)**

Application  
**EP 15425048 A 20150624**

Priority  
EP 15425048 A 20150624

Abstract (en)

An assembly for locking the door (A) of vehicles (B), of the type of vans, trucks, lorries, semi-trailer trucks, trailers and the like, which comprises at least one base plate (2), which can be rigidly applied to the frame of the vehicle (B), proximate to an access to an internal compartment. Furthermore, the assembly comprises a lever (3), which can be rigidly anchored to a rod (C) which can be rotatably supported by the door (A) that at least partially closes the access to the compartment. The plate (2) comprises means of retaining (4) the lever (3), which can be activated when it is arranged in at least one respective preset angular position and the door (A) is deployed to close the access to the compartment. The plate (2) and the lever (3) are affected by a further mutual coupling apparatus (5), which can be activated when the lever (3) is retained by the plate (2) by way of the means (4), in order to define a stably locked configuration of the door (A), and can be selectively deactivated by an operator, in order to allow the free movement of the lever (3) and the unlocking of the door (A). The assembly comprises an auxiliary locking unit (8), which can be coupled to the lever (3) and comprises two splayed strips (8a) which are mutually opposite and mutually proximate, and are provided with at least respective first slots (9a) which are mutually facing. When the lever (3) is retained by the plate (2) by way of the means (4) between the splayed strips (8a), a lug (10) is interposed, which is coupled to the plate (2) and has a respective first eyelet (11a), which is aligned with the first slots (9a) in order to allow, in the first eyelet (11a) and in the first slots (9a), the introduction of a control cable (D), for obstructing the rotation, even partial, of the lever (3) and the movement, even partial, of the door (A)

IPC 8 full level  
**E05B 67/38** (2006.01); **E05B 83/10** (2014.01); **E05B 83/14** (2014.01)

CPC (source: EP)  
**E05B 67/383** (2013.01); **E05B 83/10** (2013.01); **E05B 83/14** (2013.01)

Citation (search report)

- [A] EP 1548215 A2 20050629 - PASTORE & LOMBARDI SRL [IT]
- [A] EP 1785561 A1 20070516 - PASTORE & LOMBARDI SRL [IT]
- [A] FR 2826041 A3 20021220 - POMMIER & CIE [FR]
- [A] EP 0698515 A2 19960228 - PWP SA [CH]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3109386 A1 20161228**

DOCDB simple family (application)  
**EP 15425048 A 20150624**