

Title (en)
DEVICE FOR OPENING LOCKS ON DOORS OR HATCHES OF VEHICLES

Title (de)
VORRICHTUNG ZUM ÖFFNEN VON SCHLÖSSERN AN TÜREN ODER KLAPPEN VON FAHRZEUGEN

Title (fr)
DISPOSITIF POUR OUVRIR DES SERRURES SUR DES PORTIERES OU DES HAYONS DE VEHICULES

Publication
EP 1937921 B1 20180502 (DE)

Application
EP 06792400 A 20061007

Priority
• EP 2006009713 W 20061007
• DE 102005049027 A 20051011

Abstract (en)
[origin: WO2007042233A2] The invention relates to a device for opening locks (12) with, in addition to a support (20) on the inside of the door, a handle (30) on the outside of the door which is mounted (31) to be displaced in the support (20). The handle (30) has a projection (33), moving with the same which on operating (32) the handle (30) opens the lock (12). A sensor (40) is also provided which is operational on operating the handle. According to the invention, opening the door (10) may be made easier, whereby the projection (33) is provided with a shoulder (21) on which the sensor (40) is located. The sensor (40) is sensitive to force and is arranged between the projection (33) and the shoulder (21). On operation (32) of the handle (30) a force change signal is emitted which arrives in an electronic analysis and control unit (42, 44). Said unit (42, 44) opens the lock (12) by means of an electric motor (45).

IPC 8 full level
E05B 81/76 (2014.01); **E05B 81/14** (2014.01); **E05B 81/90** (2014.01); **E05B 85/16** (2014.01)

CPC (source: EP)
E05B 81/76 (2013.01); **E05B 81/14** (2013.01); **E05B 81/77** (2013.01); **E05B 81/90** (2013.01); **E05B 85/16** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005049027 A1 20070412; EP 1937921 A2 20080702; EP 1937921 B1 20180502; EP 2669453 A1 20131204; EP 2669453 B1 20150218; WO 2007042233 A2 20070419; WO 2007042233 A3 20071129

DOCDB simple family (application)
DE 102005049027 A 20051011; EP 06792400 A 20061007; EP 13075058 A 20061007; EP 2006009713 W 20061007