

Title (en)

Remote control system for door locks

Title (de)

Fernbetätigungseinrichtung für Türschlösser

Title (fr)

Dispositif de commande à distance pour serrures de porte

Publication

EP 0831197 B1 20050302 (EN)

Application

EP 97119531 A 19880516

Priority

- EP 88304408 A 19880516
- US 5246987 A 19870521

Abstract (en)

[origin: EP0292217A2] A remote control system which includes (a) a receiver unit adapted to be fixedly mounted on a motor vehicle having at least one door lock with a first locked condition and a second unlocked condition and having means for receiving a coded signal including a code portion of binary bits, memory means for storing a first code of binary bits, means for comparing the code portion of a received coded signal with the first code and means for shifting the controlled device to one of the conditions upon the comparison match between the code portion of a received signal and the stored first code and (b) a transmitting unit for transmitting the stored second code of binary bits when the door lock is to be shifted into one of its conditions. In this system the invention involves the improvement wherein the coding of the second code set into the transmitter is a unique group of binary bits and the receiver unit includes a field programming arrangement for setting the first code of the receiver unit to the unique group of binary bits in the transmitting unit by using the signal from the transmitting unit as received by the receiver unit. In accordance with this improvement, the first code of the receiver unit is set to the second code of the transmitting unit in the field and may be changed from one code to another code upon authorized use of a second transmitting unit having its own unique code.

IPC 1-7

E05B 49/00

IPC 8 full level

B60R 25/00 (2006.01); **B60R 25/01** (2013.01); **B60R 25/24** (2013.01); **E05B 49/00** (2006.01); **E05B 65/20** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)

G07C 9/00182 (2013.01); **G07C 9/00817** (2013.01); **G07C 2009/00222** (2013.01); **G07C 2009/00793** (2013.01); **G07C 2009/00825** (2013.01); **G07C 2209/63** (2013.01)

Cited by

ES2161197A1; RU2497197C2; CN107784716A; US7956752B2; WO0189259A1; WO0012846A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0292217 A2 19881123; **EP 0292217 A3 19900328**; **EP 0292217 B1 19980812**; DE 3856232 D1 19980917; DE 3856232 T2 19990422; DE 3856578 D1 20050407; DE 3856578 T2 20060406; EP 0831197 A2 19980325; EP 0831197 A3 19990512; EP 0831197 B1 20050302; JP 3413338 B2 20030603; JP H0791913 B2 19951009; JP H09324567 A 19971216; JP S63308171 A 19881215

DOCDB simple family (application)

EP 88304408 A 19880516; DE 3856232 T 19880516; DE 3856578 T 19880516; EP 97119531 A 19880516; JP 11717388 A 19880516; JP 3640697 A 19970220