Title (en)

Remote control device using hertzian, infra-red waves or similar for controlling motorised locking mechanisms

Title (de)

Fernbedienungseinrichtung mit Hertzschen, infraroten Wellen od. dgl. zur Steuerung von motorbetriebenen Schliesssystemen

Title (fr)

Dispositif de commande à distance par ondes hertziennes, infrarouges ou analogues, de systèmes de fermeture motorisés

Publication

EP 0724056 B1 20010718 (FR)

Application

EP 96440010 A 19960125

Priority

FR 9501067 A 19950125

Abstract (en)

[origin: EP0724056A1] The control system includes a receiver (3) associated with a closing system (2) and provided with, a central processing unit (5) for controlling motor (6) operation and a decoding unit (8) designed to interpret the data transmitted by a transmitter (4) towards a coding unit (9). The transmitter (4) and the receiver (3) contain an EPROM (11, 10) in which is programmed a code (12, 12A) which is decomposed into at least two parts (13, 14; 13A, 14A) one of which (13; 13A) permits the identification of a transmitter (4) with respect to a receiver (3) and the other part (14; 14A) corresponding to the control key is encoded by the transmitter (4) according to a defined algorithm known by the decoding unit (8) of the receiver (3). The EPROM (10) of the receiver (3) is programmed to be able to recognise an initialisation procedure transmitted to the receiver (3), with the aid of appropriate control means (16) so as to put into phase the second part (14A) of the code (12A) corresponding to the receiver (3) and to that (14) of a transmitter (4) previously identified with respect to the first part (13; 13A) of the code (12; 12A).

IPC 1-7

E05B 49/00

IPC 8 full level

G07C 9/00 (2006.01)

CPC (source: EP)

G07C 9/00182 (2013.01); G07C 2009/0023 (2013.01); G07C 2009/00261 (2013.01); G07C 2209/08 (2013.01)

Cited by

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Designated contracting state (EPC)

AT BE CH DE ES IT LI NL

DOCDB simple family (publication)

EP 0724056 A1 19960731; **EP 0724056 B1 20010718**; AT E203302 T1 20010815; DE 69613865 D1 20010823; DE 69613865 T2 20020404; ES 2160788 T3 20011116; FR 2729777 A1 19960726; FR 2729777 B1 19970314

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EP 96440010 A 19960125; AT 96440010 T 19960125; DE 69613865 T 19960125; ES 96440010 T 19960125; FR 9501067 A 19950125