Title (en)
    A remote control transmitter

Title (de)
    Ein Fernsteuersender

Title (fr)
    Un émetteur de télécommande

Publication
    EP 1085481 B1 20120208 (EN)

Application
    EP 00650129 A 20000913

Priority
    IE 990766 A 19990913

Abstract (en)
    [origin: EP1085481A2] A remote control group transmitter (1) stores an encryption key uniquely associated with the remote control group. The transmitter decrypts an encrypted group-specific site code in a teaching radiation signal. The site code is then used to generate the encryption key for operation of a shared group function. The transmitter, in use, encrypts the discrimination value and the hopping index with the encryption key. The serial number is transmitted, but is not encrypted A receiver of the group decrypts the encrypted code to determine the discrimination value and hopping index. The receiver validates a new transmitter by receiving and decrypting two encrypted codes in quick succession and checking that the serial numbers are the same and the second hopping index is valid with reference to the first hopping index.

IPC 8 full level
    G08C 19/28 (2006.01); **G07C 9/00** (2006.01); **H04L 9/12** (2006.01)

CPC (source: EP)
    G07C 9/00182 (2013.01); **G08C 19/28** (2013.01)

Cited by
    FR2843463A1; EP1381182A1; FR2842376A1; CN100355221C; US7532589B2; US8552854B2; WO2004015506A1; US7724687B2

Designated contracting state (EPC)
    AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
    EP 1085481 A2 20010321; **EP 1085481 A3 20080528**; **EP 1085481 B1 20120208**; AT E545122 T1 20120215; DK 1085481 T3 20120514; ES 2382778 T3 20120613; IE 20000728 A1 20010404; IE S20000729 A2 20010404; PT 1085481 E 20120413

DOCDB simple family (application)
    EP 00650129 A 20000913; AT 00650129 T 20000913; DK 00650129 T 20000913; ES 00650129 T 20000913; IE 20000728 A 20000913; IE S20000729 A 20000913; PT 00650129 T 20000913