

Title (en)

NEW UNIVERSAL SYSTEM FOR COMMUNICATION BETWEEN A REMOTE DEVICE AND A RECEIVING STATION

Title (de)

NEUES UNIVERSELLES SYSTEM ZUR KOMMUNIKATION ZWISCHEN EINER ENTFERNTEN VORRICHTUNG UND EINER EMPFANGSSTATION

Title (fr)

NOUVEAU SYSTÈME UNIVERSEL DE COMMUNICATION ENTRE UN DISPOSITIF DISTANT ET UNE STATION DE RÉCEPTION

Publication

EP 4258236 B1 20240508 (EN)

Application

EP 22167209 A 20220407

Priority

IT 202100008825 A 20210408

Abstract (en)

[origin: EP4258236A1] A system (1) for the communication between a remote device (7, 8) and a receiving station (4) of an automation (5) is described, comprising a control unit (2), a memory unit (MEM), receiving means (TX1) configured to receive input signals, and transmission means (TX2) configured to communicate with the receiving station (4). The control unit (2) is suitably configured to store in the memory unit (MEM) information relating to the transmission procedure of an original remote control (7) which emits Rolling Codes, said control unit (2) being adapted to emit, based on the stored information, a transmission code (TC) through the transmission means (TX2) towards the receiving station (4), send, through the transmission means (TX2), a synchronization signal (Sync) towards the receiving station (4), said synchronization signal (Sync) being based on the stored information relating to the original remote control (7), and based on said synchronization signal (Sync), force the synchronization of the receiving station (4) so that the emitted transmission code (TC) is within a range of valid codes (21) of said receiving station (4), wherein the receiving means (TX1) are configured to receive a command signal (Cmd) emitted by the remote device (7, 8), said system (1) being configured to send the transmission code (TC) to the receiving station (4) for the activation thereof in response to the command signal (Cmd), interfacing said remote device (7, 8) with said receiving station (4), the system (1) comprising a casing (3) including at least the control unit (2), the memory unit (MEM), the receiving means (TX1), and the transmission means (TX2), said casing (3) being shaped to be positioned close to the receiving station (4). Suitably, the system (1) is powered by a battery (6) housed in a seat (6s) in the casing (3).

IPC 8 full level

G08C 17/02 (2006.01); **G08C 19/28** (2006.01)

CPC (source: EP)

G08C 17/02 (2013.01); **G08C 19/28** (2013.01); **G08C 2201/20** (2013.01); **G08C 2201/21** (2013.01); **G08C 2201/62** (2013.01); **G08C 2201/92** (2013.01)

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

DOCDB simple family (publication)

EP 4258236 A1 20231011; EP 4258236 B1 20240508; EP 4258236 C0 20240508

DOCDB simple family (application)

EP 22167209 A 20220407