

Title (en)

High energy saving system for radio-controlled drives

Title (de)

Energieeinsparungssystem für funkgesteuerte Antriebe

Title (fr)

Système à grande économie d'énergie pour les entraînements radiocommandés

Publication

EP 2169171 A1 20100331 (EN)

Application

EP 09171115 A 20090923

Priority

IT VI20080224 A 20080925

Abstract (en)

A high energy saving system for radio-controlled drives, including at least one radio-frequency circuit for remotely driving a load, such as, for example, a sliding or shutters gate, which includes a radio-control connected with an electronic control unit (13), suitable to drive at least one electric motor driving the load; the system includes at least one microprocessor (10), connected with the electronic control unit (13), at the input (11) of which a series of parameters relating to respective commands and/or signals (open/close, stepping moving, stop, pedestrian passage, flashing danger and/or alarm signals) inherent to the load are sent, while at the output (12) of the microprocessor (10) the parameters with active logic state of at least one of the aforesaid commands are replicated. Moreover, the microprocessor (10) is programmed so that the radio-receiver (15) is always powered, in order to decode the coding of the transmitted signal, while the rest of the system is powered only if at least one give command is identified at the input (11) of the microprocessor (10).

IPC 8 full level

E05F 15/20 (2006.01)

CPC (source: EP)

E05F 15/70 (2015.01); **E05F 15/77** (2015.01); **E05Y 2400/452** (2013.01); **E05Y 2900/40** (2013.01)

Citation (search report)

- [X] GB 2430704 A 20070404 - CHAMBERLAIN GROUP INC [US]
- [X] DE 102005054693 A1 20070606 - KUNZ GEORG LUDWIG [DE]

Designated contracting state (EPC)

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