

Title (en)
Remote control system

Title (de)
Fernsteuersystem

Title (fr)
Système de commande à distance

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Abstract (en)
[origin: WO02078811A1] The invention relates to a remote control system wherein a plurality of remote control devices and remote control receivers may be operating simultaneously. A remote control device comprises input elements for providing electrical control signals, a transmitter, and a processing device arranged for receiving the control signals from the input elements, providing a coded signal to the transmitter, said signal being coded with a repeating frame format, wherein each frame comprises a number of data packets each contained in subsequent time slots, and wherein each data packet comprises a time slot identifier identifying the time slot in which the data packet is contained. A remote control receiver is arranged for decoding a signal having a corresponding repeating frame format. The invention provides simple and reliable operation, synchronizing, addressing and connection functions, high bandwidth utilization and high tolerance towards disturbances, interference and communication obstructions. The invention may advantageously be used for remotely controlling objects for playing or amusement, such as controllable toys and model vehicles.

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