

Title (en)  
Automatic frequency hopping remote controller

Title (de)  
Automatische Frequenzsprungfernsteuerung

Title (fr)  
Système de suspension de véhicule

Publication  
**EP 1796055 A1 20070613 (EN)**

Application  
**EP 05026598 A 20051206**

Priority  
EP 05026598 A 20051206

Abstract (en)  
An automatic frequency hopping remote controller automatically switches its channel when the transmission of a remote control signal is interfered. The remote controller includes a transmitting end and a corresponding receiving end; the transmitting end includes a first signal transceiver capable of transmitting signals through several channels and an input device, such that the remote control signal can be transmitted from a predetermined channel by a trigger instruction of the input device, and the receiving end is a second signal transceiver installed in an electronic device for receiving the remote control signal from the transmitting end. If the quality at a received signal is evaluated as poor, the remote controller will automatically switch to another receiving channel and send a frequency hopping signal to the transmitting end, so that the transmitting end will switch to that channel correspondingly, and the next remote control signal will be transmitted through that channel.

IPC 8 full level  
**G08C 17/02** (2006.01); **G08C 25/02** (2006.01)

CPC (source: EP)  
**G08C 17/02** (2013.01)

Citation (search report)  
• [X] DE 19705502 A1 19980820 - BRENDDEL WOLFGANG [DE]  
• [X] US 2005052289 A1 20050310 - MADLENER WOLFGANG [DE], et al

Cited by  
CN110989629A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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