

Title (en)

Circuit and interface for remote control with hold key

Title (de)

Schaltkreis und Schnittstelle für eine Fernbedienung mit Halttaste

Title (fr)

Circuit et interface de télécommande avec une touche de retenue

Publication

**EP 1615188 A1 20060111 (EN)**

Application

**EP 04300435 A 20040709**

Priority

EP 04300435 A 20040709

Abstract (en)

A remote control with a two-wire interface has a number of control keys with associated resistors. The resistance value that can be measured between the terminals of the two-wire interface is translated into a command by the interface circuit of the device to be controlled. A hold switch is arranged such that a DC path is always present independent of the position of the hold switch. The interface circuit of the device to be controlled is designed such that even when the device is in a low-power or off-mode and the hold switch is activated the operation of a control key can be detected and a message or indication can be issued. The user is thus informed about the status of the hold key.

IPC 8 full level

**G08C 19/00** (2006.01)

CPC (source: EP)

**G08C 19/00** (2013.01)

Citation (search report)

- [A] GB 1172232 A 19691126 - COAL INDUSTRY PATENTS LTD [GB]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 0091, no. 93 (E - 334) 9 August 1985 (1985-08-09)
- [A] "SIMPLE MULTIPLEXING HAND-HELD CONTROL UNIT", NTIS TECH NOTES, US DEPARTMENT OF COMMERCE. SPRINGFIELD, VA, US, 1 March 1990 (1990-03-01), pages 231, XP000127247, ISSN: 0889-8464

Cited by

DE102018107960A1; DE102018107960B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 04300435 A 20040709**; CN 200510082581 A 20050711