

Title (en)

Multimedia assembly with a programmable universal remote control and method for programming a remote control

Title (de)

Multimedia-Anordnung mit einer programmierbaren Universal-Fernsteuerung und Verfahren zum Programmieren einer Fernsteuerung

Title (fr)

Agencement multimédia doté d'une télécommande universelle programmable et procédé de programmation d'une télécommande

Publication

EP 2161696 A3 20140604 (DE)

Application

EP 09010498 A 20090814

Priority

DE 102008046493 A 20080909

Abstract (en)

[origin: EP2161696A2] The multimedia arrangement has a control unit (5), at which multiple remote controlled electronic equipments are connected. A programmable universal remote control (15) is provided for receiving remote control codes and has a memory for storing the remote control codes. The control unit and the universal remote control have a sending- and receiving unit for bidirectional communication with each other. The control unit has a device for receiving, analyzing and decoding remote control signals of private remote control (6.1). An independent claim is included for a method for programming a universal remote control using an original remote control.

IPC 8 full level

G08C 19/28 (2006.01)

CPC (source: EP US)

G08C 17/02 (2013.01 - EP US); **G08C 19/28** (2013.01 - EP US); **G08C 23/04** (2013.01 - EP US); **G08C 2201/20** (2013.01 - EP US); **G08C 2201/21** (2013.01 - EP US); **G08C 2201/41** (2013.01 - EP US); **G08C 2201/92** (2013.01 - EP US)

Citation (search report)

- [XY] US 5819294 A 19981006 - CHAMBERS PAUL [US]
- [Y] US 2007229465 A1 20071004 - SAKAI RYUTARO [US], et al
- [Y] US 2004056789 A1 20040325 - ARLING PAUL D [US], et al
- [Y] GB 2417649 A 20060301 - CAROLAN LAURENCE [GB], et al
- [A] US 2003095211 A1 20030522 - NAKAJIMA SATOSHI [US]

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2161696 A2 20100310; EP 2161696 A3 20140604; EP 2161696 B1 20180214; CA 2677513 A1 20100309; CA 2677513 C 20130730; DE 102008046493 A1 20100318; DE 102008046493 B4 20100729; DK 2161696 T3 20180528; NO 2161696 T3 20180714; US 2010060506 A1 20100311; US 8400345 B2 20130319

DOCDB simple family (application)

EP 09010498 A 20090814; CA 2677513 A 20090902; DE 102008046493 A 20080909; DK 09010498 T 20090814; NO 09010498 A 20090814; US 54875909 A 20090827