

Title (en)

AMPLITUDE MODULATED POWER LINE COMMUNICATION SYSTEM AND METHOD

Title (de)

KOMMUNIKATIONSSYSTEM UND -VERFAHREN MIT AMPLITUDENMODULIRTER STROMLEITUNG

Title (fr)

SYSTEME ET PROCEDE DE COMMUNICATION A LIGNE ELECTRIQUE MODULEE EN AMPLITUDE

Publication

EP 2443758 A1 20120425 (EN)

Application

EP 10739721 A 20100614

Priority

- SK 2010050010 W 20100614
- SK 582009 U 20090615

Abstract (en)

[origin: WO2010147564A1] Electrical connection and method of amplitude modulation Electrical connection and method of amplitude modulation of power line voltage is used for wireless information transmission. The solution lies in an appropriate amplitude modulation of power line voltage with subsequent demodulation, while voltage is also used as power supply for appliance. This communication method is suitable for lighting control, whether internal or external without an installation of additional control cables.

IPC 8 full level

H04B 3/54 (2006.01)

CPC (source: EP)

H04B 3/544 (2013.01); **H04B 2203/5412** (2013.01)

Citation (search report)

See references of WO 2010147564A1

Citation (examination)

- CA 2050383 A1 19930301 - ATTALLAH ARNALDO S [CA]
- WO 9950971 A1 19991007 - CEAG SICHERHEITSTECHNIK GMBH [DE]

Cited by

WO2016114724A1

Designated contracting state (EPC)

AL 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

DOCDB simple family (publication)

WO 2010147564 A1 20101223; EP 2443758 A1 20120425; RU 2012100298 A 20130727; RU 2525854 C2 20140820; SK 5537 Y1 20101007; SK 582009 U1 20100407

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