

Title (en)

METHOD AND DEVICE FOR TRANSMITTING DATA VIA A LOAD LINE AND LIGHTING SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DATENÜBERTRAGUNG ÜBER EINE LASTLEITUNG UND BELEUCHTUNGSSYSTEM

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRANSMISSION DE DONNÉES PAR L'INTERMÉDIAIRE D'UNE LIGNE DE CHARGE, ET SYSTÈME D'ÉCLAIRAGE

Publication

**EP 2918144 A2 20150916 (DE)**

Application

**EP 13817844 A 20131106**

Priority

- AT 4312012 U 20121106
- AT 2013000183 W 20131106

Abstract (en)

[origin: WO2014071427A2] A data transmission from a control device (100) to a load (50) is carried out via a load line (40). In the method, a switching means (106) is controlled in order to increase a resistance of a line path between an input terminal (101) and an output terminal (102) of the control device (100). A voltage is detected in the control device (100) in order to identify a phase position of a supply voltage. The supply voltage is influenced depending on the identified phase position and the data to be transmitted in order to transmit a data packet.

IPC 8 full level

**H04B 3/54** (2006.01); **H05B 37/02** (2006.01); **H05B 44/00** (2022.01)

CPC (source: AT EP US)

**G05D 25/02** (2013.01 - AT); **H02J 13/00009** (2020.01 - AT); **H04B 3/54** (2013.01 - EP US); **H04B 3/542** (2013.01 - AT); **H05B 45/14** (2020.01 - US); **H05B 45/60** (2020.01 - US); **H05B 47/185** (2020.01 - AT EP US); **H04B 2203/5412** (2013.01 - EP US); **H04B 2203/542** (2013.01 - EP US); **Y02B 90/20** (2013.01 - EP); **Y04S 40/121** (2013.01 - EP)

Citation (search report)

See references of WO 2014071427A2

Citation (examination)

DE 2904849 A1 19800522 - MEDIBIT A S

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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**AT 2013000183 W 20131106**; AT 4312012 U 20121106; CN 201380069598 A 20131106; EP 13817844 A 20131106; US 201314440340 A 20131106