

Title (en)

CONTROL DEVICE AND METHOD FOR DATA TRANSMISSION VIA A LOAD LINE

Title (de)

STEUERVORRICHTUNG UND VERFAHREN ZUR DATENÜBERTRAGUNG ÜBER EINE LASTLEITUNG

Title (fr)

DISPOSITIF DE COMMANDE ET PROCÉDÉ DE TRANSMISSION DE DONNÉES PAR L'INTERMÉDIAIRE D'UNE LIGNE DE CHARGE

Publication

EP 2918143 A2 20150916 (DE)

Application

EP 13815670 A 20131106

Priority

- AT 4322012 U 20121106
- AT 2013000184 W 20131106

Abstract (en)

[origin: WO2014071428A2] A data transmission from a control device (100) to a load (52) is carried out via a load line (40). The control device (100) comprises a first switching means (121) and a second switching means (122) which are switched in a series circuit between an input terminal (101) and an output terminal (102) of the control device (100). A control circuit (110) is coupled to the first switching means (121) and the second switching means (122) and is configured to generate a control signal (ctrl) for controlling the first switching means (121) and/or the second switching means (122) so as to transmit data bits.

IPC 8 full level

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

CPC (source: AT EP US)

G01R 25/00 (2013.01 - US); **H02J 13/00** (2013.01 - AT); **H04B 3/54** (2013.01 - AT EP US); **H05B 45/10** (2020.01 - EP US); **H05B 45/20** (2020.01 - EP); **H05B 47/10** (2020.01 - AT); **H05B 47/18** (2020.01 - US); **H05B 47/185** (2020.01 - EP US); **G05D 25/02** (2013.01 - AT); **H04B 2203/5412** (2013.01 - EP US); **H04B 2203/542** (2013.01 - EP US)

Citation (search report)

See references of WO 2014071428A2

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014071428 A2 20140515; **WO 2014071428 A3 20140703**; AT 14097 U1 20150415; CN 104904317 A 20150909; EP 2918143 A2 20150916; US 2015289348 A1 20151008

DOCDB simple family (application)

AT 2013000184 W 20131106; AT 4322012 U 20121106; CN 201380069589 A 20131106; EP 13815670 A 20131106; US 201314440328 A 20131106