

Title (en)

Method for transmitting data signals, luminaire, supply device and lighting system

Title (de)

Verfahren zur Übermittlung von Datensignalen, Leuchte, Versorgungsgerät und System zur Beleuchtung

Title (fr)

Procédé de transmission de signaux de données, lampe, appareil d'approvisionnement et système d'éclairage

Publication

**EP 2763510 A3 20171018 (DE)**

Application

**EP 14153411 A 20140131**

Priority

DE 102013201588 A 20130131

Abstract (en)

[origin: EP2763510A2] The method involves providing data signals for driving a supply line (4) connected to a lamp (2). A power supply unit (3) is connected to the supply line, and direct voltage is provided as power supply voltage for the lamp at the supply line, where the power supply unit changes polarity of supply voltage for transmission of data signals through the supply line. The lamp is provided to recognize the changing polarity of the power supply voltage resting against the supply line and to determine the recognized polarities of the data signals for controlling the lamp. Independent claims are also included for the following: (1) a lamp (2) a supply apparatus (3) a lighting system.

IPC 8 full level

**H05B 37/02** (2006.01)

CPC (source: EP)

**H05B 47/185** (2020.01)

Citation (search report)

- [X] EP 2501204 A2 20120919 - INSTA ELEKTRO GMBH [DE]
- [X] EP 1555861 A1 20050720 - TRIDONICATCO GMBH & CO KG [AT]
- [X] GB 2402821 A 20041215 - BIBBY SIMON [GB], et al
- [X] US 2009195063 A1 20090806 - JOSEPH PETER D [US], et al
- [A] US 2005264973 A1 20051201 - GARDNER RANDALL J [US], et al
- [A] US 2010084985 A1 20100408 - WOYTOWITZ PETER J [US]

Cited by

CN114842792A; WO2023185098A1

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)

**EP 2763510 A2 20140806; EP 2763510 A3 20171018**; DE 102013201588 A1 20140731; DE 102013201588 B4 20221229

DOCDB simple family (application)

**EP 14153411 A 20140131**; DE 102013201588 A 20130131