Title (en)

A GATEWAY DEVICE AND A METHOD FOR CONNECTING LIGHTING SYSTEM ELEMENTS TO A DATA TRANSFER NETWORK

Title (de)

GATEWAY-VORRICHTUNG UND VERFAHREN ZUM VERBINDEN VON BELEUCHTUNGSSYSTEMELEMENTEN MIT EINEM DATENÜBERTRAGUNGSNETZ

Title (fr)

DISPOSITIF DE PASSERELLE ET PROCÉDÉ POUR CONNECTER DES ÉLÉMENTS D'UN SYSTÈME D'ÉCLAIRAGE À UN RÉSEAU DE TRANSFERT DE DONNÉES

Publication

EP 3836761 A1 20210616 (EN)

Application

EP 19216034 A 20191213

Priority

EP 19216034 A 20191213

Abstract (en)

A gateway device (101) for connecting lighting system elements to a data transfer network comprises a data interface (102) for connecting communicatively to the data transfer network, a wireless transceiver (103) for connecting communicatively to the lighting system elements, and a control system (104) for controlling data traffic between the data interface and the wireless transceiver. The control system is configured to select one of the lighting system elements to be an access point in accordance with information related to the lighting system elements and to the gateway device, and to control the wireless transceiver to establish a wireless point-to-point connection to the access point. Thus, the gateway device does not need to be a part of a wireless mesh-network formed by the lighting system elements, and therefore for example signal levels and other transmission parameters between the gateway device and the access point can be set more freely.

IPC 8 full level

H05B 47/19 (2020.01)

CPC (source: EP)

H05B 47/19 (2020.01)

Citation (search report)

- [X] US 10447497 B2 20191015 - DRAAIJER MAURICE HERMAN JOHAN [NL], et al
- [X] US 2019013957 A1 20190110 - ASHAR PREMAL [US], et al
- [A] US 2016037615 A1 20160204 - DAVIS BARRIE [AU], et al

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 3836761 A1 20210616; **EP 3836761 B1 20230712**

DOCDB simple family (application)

EP 19216034 A 20191213