

Title (en)

OPERATING DEVICE, SENSOR DEVICE AND LIGHTING SYSTEM

Title (de)

BEDIENVORRICHTUNG, SENSORVORRICHTUNG UND BELEUCHTUNGSSYSTEM

Title (fr)

DISPOSITIF DE FONCTIONNEMENT; DISPOSITIF CAPTEUR ET SYSTÈME D'ÉCLAIRAGE

Publication

EP 4271134 A1 20231101 (EN)

Application

EP 22169917 A 20220426

Priority

EP 22169917 A 20220426

Abstract (en)

An operating device for providing electrical energy to a light source (2) comprising a main power supply (5) for providing the electrical energy to a connected light source, and, preferably, an auxiliary power supply (6) for supplying electrical energy to a control unit (7) of the operating device, the control unit (7) being connected to the main power supply (5) to control the electrical energy supplied to the light source (2). The auxiliary power supply (6) is connected to an auxiliary bus interface (9) for supplying electrical energy to one or more sensor device(s) (3), and the operating device (1) is configured to communicate with the sensor device(s) (3) by powerline communication over the auxiliary bus interface (9). The operating device (1) and a sensor device (3) configured to be able to receive electrical energy from a power supply and to communicate via this power supply connection establishes a lighting system for enabling direct communication between a sensor device (3) and an operating device (1)

IPC 8 full level

H05B 45/382 (2020.01); **H05B 47/105** (2020.01); **H05B 47/18** (2020.01); **H05B 47/185** (2020.01)

CPC (source: EP)

H05B 45/382 (2020.01); **H05B 47/105** (2020.01); **H05B 47/18** (2020.01); **H05B 47/185** (2020.01)

Citation (search report)

- [X] US 2019207650 A1 20190704 - KEARNEY PHIL [US], et al
- [X] WO 2013045189 A1 20130404 - OSRAM GMBH [DE], et al
- [X] US 2003222603 A1 20031204 - MOGILNER RAFAEL [IL], 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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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