

Title (en)

LED lighting unit and method for controlling an electrical installation including such a lighting unit

Title (de)

LED-Beleuchtung und Kontrollverfahren einer elektrischen Anlage, die eine solche Beleuchtung umfasst

Title (fr)

Eclairage LED et procédé de contrôle d'une installation électrique comprenant un tel éclairage

Publication

**EP 2648488 B1 20170111 (FR)**

Application

**EP 13162405 A 20130404**

Priority

FR 1253220 A 20120406

Abstract (en)

[origin: EP2648488A1] The LED light (100) has an LED (101), and a communication interface (120) with a power over Ethernet (PoE) cable (114). An electronic processing unit (110) collects data relating to the operation of the LED, where the light is supplied with power via the PoE cable, and includes an autonomous power source (115). The communication interface collects data from a domestic sensor, where the electronic processing unit collects and archives the data collected from the domestic sensor, and detects faulty operations from the collected data. Independent claims are also included for the following: (1) a domestic electrical installation (2) a method for controlling the domestic electrical installation.

IPC 8 full level

**H05B 37/02** (2006.01); **H02J 9/00** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

**H05B 47/175** (2020.01 - EP US); **H05B 47/18** (2020.01 - EP US); **H05B 47/19** (2020.01 - EP US); **H05B 45/30** (2020.01 - EP US)

Cited by

ES2820174A1; US2023077780A1; WO2016058808A1

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

DOCDB simple family (publication)

**EP 2648488 A1 20131009; EP 2648488 B1 20170111**; FR 2989248 A1 20131011; FR 2989248 B1 20170908

DOCDB simple family (application)

**EP 13162405 A 20130404**; FR 1253220 A 20120406