

Title (en)
LIGHTING DEVICE

Title (de)
LICHTTECHNISCHE EINRICHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE

Publication
EP 3394507 B1 20191211 (DE)

Application
EP 16793793 A 20161028

Priority
• DE 102015226670 A 20151223
• EP 2016076146 W 20161028

Abstract (en)
[origin: WO2017108238A1] The invention relates to a lighting device (10), comprising a power setting unit (11) for setting an electrical power of a lighting means, (12) electrically coupled to the power setting unit (11), a programmable control unit (13) connected to the power setting unit (11), a lighting control interface unit (14) connected to the control unit (13) and a housing (15) made from an electrically insulating material, which encloses at least the power setting unit (11) and the control unit (13) such that it protects same against touching, wherein the control unit (13) provides a programming interface (16) having at least two contact surfaces (17) and a voltage isolation unit (18) for the programming interface (16) and the housing (15) has an associated through-opening (20) in a housing wall (19) for each contact surface (17), each through-opening (20) having a diameter of less than 2.5 mm, and a respective through-opening wall (21) of the through-opening (20) has an axial length greater than or equal to 3 mm, preferably greater than 4 mm.

IPC 8 full level
F21V 15/01 (2006.01); **F21V 23/00** (2015.01); **F21V 23/02** (2006.01); **F21V 23/06** (2006.01)

CPC (source: EP US)
F21V 15/01 (2013.01 - EP US); **F21V 23/003** (2013.01 - EP US); **F21V 23/008** (2013.01 - EP US); **F21V 23/009** (2013.01 - US);
F21V 23/023 (2013.01 - EP US); **F21V 23/06** (2013.01 - EP US)

Citation (examination)
EP 0998176 A2 20000503 - BOSCH GMBH ROBERT [DE]

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)
WO 2017108238 A1 20170629; DE 102015226670 A1 20170629; EP 3394507 A1 20181031; EP 3394507 B1 20191211;
US 10830425 B2 20201110; US 2019011117 A1 20190110

DOCDB simple family (application)
EP 2016076146 W 20161028; DE 102015226670 A 20151223; EP 16793793 A 20161028; US 201616065159 A 20161028