

Title (en)

SOLID-STATE LUMINAIRE WITH MODULAR LIGHT SOURCES AND ELECTRONICALLY ADJUSTABLE LIGHT BEAM DISTRIBUTION

Title (de)

FESTKÖRPERLEUCHTE MIT MODULAREN LICHTQUELLEN UND ELEKTRONISCH EINSTELLBARER LICHTSTRAHLVERTEILUNG

Title (fr)

LUMINAIRE À SEMI-CONDUCTEURS AVEC SOURCES DE LUMIÈRE MODULAIRES ET DISTRIBUTION DE FAISCEAU DE LUMIÈRE RÉGLABLE ÉLECTRONIQUEMENT

Publication

EP 3305029 A1 20180411 (EN)

Application

EP 16730117 A 20160527

Priority

- US 201514725119 A 20150529
- US 2016034729 W 20160527

Abstract (en)

[origin: WO2016196322A1] A luminaire having a plurality of power sockets arranged over its housing is disclosed. In some embodiments, the luminaire includes a driver operatively coupled with all (or some sub-set) of the power sockets and configured to control the light output of a modular solid-state light source operatively interfaced therewith. In some such embodiments, the luminaire also includes a power-line communication (PLC) module configured to output a PLC signal utilized by the driver in controlling the modular light source's output. In some other embodiments, the modular light source includes the driver, which may utilize a PLC signal, a command signal received from a remote source, or both, in controlling light output.

IPC 8 full level

H05B 44/00 (2022.01); **F21K 99/00** (2016.01); **H01L 25/10** (2006.01); **F21Y 111/00** (2016.01)

CPC (source: CN EP KR US)

F21K 9/23 (2016.07 - CN); **F21K 9/64** (2016.07 - CN); **F21L 4/00** (2013.01 - CN); **F21S 6/00** (2013.01 - CN); **F21S 8/026** (2013.01 - CN); **F21S 8/046** (2013.01 - CN); **F21S 8/06** (2013.01 - CN); **F21S 10/023** (2013.01 - CN); **F21V 14/06** (2013.01 - CN); **F21V 23/003** (2013.01 - KR); **F21V 23/0435** (2013.01 - CN KR); **F21V 23/045** (2013.01 - CN); **F21V 23/0478** (2013.01 - CN); **F21V 23/0485** (2013.01 - CN); **H01L 25/105** (2013.01 - CN KR); **H01L 25/13** (2013.01 - KR); **H05B 47/185** (2020.01 - CN); **H05B 47/19** (2020.01 - CN EP US); **F21W 2131/406** (2013.01 - EP KR); **F21Y 2107/10** (2016.07 - CN EP); **F21Y 2107/20** (2016.07 - CN EP); **F21Y 2115/10** (2016.07 - CN EP KR); **F21Y 2115/30** (2016.07 - CN); **H05B 45/30** (2020.01 - CN EP US)

Citation (search report)

See references of WO 2016196322A1

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)

WO 2016196322 A1 20161208; CN 107690551 A 20180213; EP 3305029 A1 20180411; KR 20180014748 A 20180209

DOCDB simple family (application)

US 2016034729 W 20160527; CN 201680031479 A 20160527; EP 16730117 A 20160527; KR 20177037134 A 20160527