

Title (en)

CONTROLLING A LUMINOUS MEANS HAVING AT LEAST TWO SEMICONDUCTOR LIGHT SOURCES

Title (de)

STEUERN EINES WENIGSTENS ZWEI HALBLEITERLICHTQUELLEN AUFWEISENDEN LEUCHTMITTELS

Title (fr)

COMMANDE D'UN MOYEN D'ÉCLAIRAGE COMPRENANT AU MOINS DEUX SOURCES DE LUMIÈRE À SEMI-CONDUCTEUR

Publication

EP 3072358 A1 20160928 (DE)

Application

EP 14793592 A 20141106

Priority

- DE 102013223710 A 20131120
- EP 2014073962 W 20141106

Abstract (en)

[origin: WO2015074893A1] The invention relates to a control device (10) for a luminous means (12) which has at least two semiconductor light sources, can be connected to an electrical energy source and is intended to use the semiconductor light sources to convert an electrical power provided by the electrical energy source into an emitted light power dependent on the electrical power provided, wherein the semiconductor light sources are connected to the control device (10) and the control device (10) is set up to adjust the electrical power provided by virtue of the control device (10) having a clock generator (22) which is designed to apply electrical power to the semiconductor light sources during clocked operation. According to the invention, the clock generator (22) is set up to control the semiconductor light sources according to clock pulse sequences individually associated with the semiconductor light sources in such a manner that clock pulses in a first clock pulse sequence have a time shift with respect to clock pulses in a second clock pulse sequence.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/10 (2020.01 - EP US); **H05B 45/325** (2020.01 - EP); **H05B 45/46** (2020.01 - EP US); **H05B 47/16** (2020.01 - US); **H05B 45/325** (2020.01 - US); **H05B 45/357** (2020.01 - EP US); **H05B 45/37** (2020.01 - EP US)

Citation (search report)

See references of WO 2015074893A1

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 2015074893 A1 20150528; CN 105745994 A 20160706; CN 105745994 B 20180717; DE 102013223710 A1 20150521; EP 3072358 A1 20160928; US 2016309552 A1 20161020

DOCDB simple family (application)

EP 2014073962 W 20141106; CN 201480062464 A 20141106; DE 102013223710 A 20131120; EP 14793592 A 20141106; US 201415038057 A 20141106