

Title (en)

A METHOD OF OPERATING LED LIGHTING SOURCES AND A LED LAMP FOR USE WITH SAID METHOD

Title (de)

VERFAHREN ZUM BETRIEB VON LED-LICHTQUELLEN UND EINE LED-LAMPE ZUR VERWENDUNG MIT BESAGTEM VERFAHREN

Title (fr)

PROCÉDÉ D'EXPLOITATION DE SOURCES D'ÉCLAIRAGE À DEL ET LAMPE À DEL DESTINÉE À ÊTRE UTILISÉE AVEC LEDIT PROCÉDÉ

Publication

EP 3145279 B1 20201007 (EN)

Application

EP 16183618 A 20160810

Priority

IT UB20153449 A 20150907

Abstract (en)

[origin: EP3145279A1] A LED lighting source (L) whose emission wavelength is a function of the current through the source (L) and the temperature of the source (L) is operated: - in a first, e.g. direct current, lighting mode, wherein LED source (L) emits light radiation at a first wavelength, and - in at least one second, e.g. pulsed, lighting mode, wherein the current through the source (L) and/or the temperature of the source (L) are varied with respect to said first lighting mode, whereby the LED source (L) emits light radiation at a second wavelength, said second wavelength being different from said first wavelength.

IPC 8 full level

H05B 44/00 (2022.01); **H05B 45/20** (2020.01); **H05B 45/24** (2020.01)

CPC (source: EP US)

H05B 45/20 (2020.01 - EP US); **H05B 45/24** (2020.01 - EP US)

Citation (examination)

- US 2012185130 A1 20120719 - EKCHIAN GREGORY J [US], et al
- US 7525254 B2 20090428 - LYS IHOR [US], et al

Cited by

CN114299872A; WO2018024505A1

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 3145279 A1 20170322; EP 3145279 B1 20201007

DOCDB simple family (application)

EP 16183618 A 20160810