

Title (en)

METHOD AND CIRCUIT FOR GENERATING OF MIXED LED LIGHT HAVING A PREDETERMINED COLOUR

Title (de)

VERFAHREN UND SCHALTUNGSANORDNUNG ZUR ERZEUGUNG VON LED-MISCHLICHT VORBESTIMMTER FARBE

Title (fr)

PROCÉDÉ ET CIRCUITERIE PERMETTANT DE PRODUIRE UNE LUMIÈRE LED MIXTE D'UNE COULEUR PRÉDÉFINIE

Publication

EP 2499881 A1 20120919 (DE)

Application

EP 10726063 A 20100616

Priority

- DE 102009052390 A 20091109
- EP 2010058479 W 20100616

Abstract (en)

[origin: WO2011054547A1] The invention relates to a method for operating a range of LEDs preferably fed with constant current, which range of LEDs generates preferably white mixed light with at least two LED types of different spectrum, wherein the movement of the color locus of the mixed light, which is caused by the different negative gradients of the temperature dependencies of the intensity of at least two different LED types, is reduced by circuitry without using measurements and feedback variables.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/20 (2020.01 - EP US)

Citation (search report)

See references of WO 2011054547A1

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009052390 A1 20110512; CN 102668699 A 20120912; CN 102668699 B 20150902; EP 2499881 A1 20120919; EP 2499881 B1 20190109; US 2012248995 A1 20121004; US 9137871 B2 20150915; WO 2011054547 A1 20110512

DOCDB simple family (application)

DE 102009052390 A 20091109; CN 201080050675 A 20100616; EP 10726063 A 20100616; EP 2010058479 W 20100616; US 201013508282 A 20100616