

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

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Application

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Priority

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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 (examination)

- WO 2004047498 A1 20040603 - FRIIS DAN [DK]
- US 2007171159 A1 20070726 - LEE DONG WOO [KR]
- EP 2471347 A1 20120704 - CREE INC [US] & WO 2011037774 A1 20110331 - CREE INC [US], et al

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DOCDB simple family (publication)

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