

Title (en)

METHOD AND ARRANGEMENT FOR PROVIDING FLICKER-FREE LIGHT WITH TWO OUTPUT CHANNELS

Title (de)

VERFAHREN UND ANORDNUNG ZUR BEREITSTELLUNG VON FLACKERFREIEM LICHT MIT ZWEI AUSGANGSKANÄLEN

Title (fr)

PROCÉDÉ ET AGENCEMENT POUR LA FOURNITURE DE LUMIÈRE SANS SCINTILLEMENT AVEC DEUX CANAUX DE SORTIE

Publication

EP 3280226 A1 20180207 (EN)

Application

EP 16182738 A 20160804

Priority

EP 16182738 A 20160804

Abstract (en)

Controllable output current is generated simultaneously for first semiconductor light-emitting means of first colour and second semiconductor light-emitting means of second colour. After receiving a colour setting command it is resolved how the currents through the first and second light-emitting means are to be set to match said colour setting command. One of the currents is set through constant current reduction and the other through pulse-based current reduction. The current to be set through constant current reduction is the one for channel-specific intensity between a maximum and threshold value and the current to be set through pulse-based current reduction is the one for channel-specific intensity between said threshold value and a minimum. Changes in set colour are implemented through reciprocal changes in said currents.

IPC 8 full level

H05B 44/00 (2022.01); **H05B 45/59** (2022.01)

CPC (source: EP US)

H05B 45/20 (2020.01 - EP US); **H05B 45/59** (2022.01 - EP US); **H05B 45/37** (2020.01 - EP US); **H05B 45/395** (2020.01 - EP US)

Citation (search report)

- [Y] US 2007045524 A1 20070301 - RAINS JACK C JR [US], et al
- [Y] EP 2364064 A2 20110907 - PANASONIC ELEC WORKS CO LTD [JP]
- [YA] EP 3043625 A1 20160713 - HELVAR OY AB [FI]
- [A] US 2016073473 A1 20160310 - FANG LIANG [US], et al

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)

EP 3280226 A1 20180207

DOCDB simple family (application)

EP 16182738 A 20160804