Title (en)

HYBRID DRIVING SCHEME FOR RGB COLOR TUNING

Title (de)

HYBRIDANTRIEBSSCHEMA ZUR ABSTIMMUNG VON RGB-FARBEN

Title (fr)

SCHÉMA DE COMMANDE HYBRIDE POUR AJUSTEMENT DE COULEUR RVB

Publication

EP 3915335 A1 20211201 (EN)

Application

EP 20704996 A 20200123

Priority

- US 201916258193 A 20190125
- EP 19165527 A 20190327
- US 201916543230 A 20190816
- US 2020014857 W 20200123

Abstract (en)

[origin: WO2020154547A1] A device includes an analog current division circuit configured to divide an input current into a first current and a second current, and a multiplexer array including a plurality of switches to provide the first current to a first of three colors of LEDs and the second current to a second of three colors of LEDs simultaneously during a first portion of a period, the first current to the second of three colors of LEDs and the second current to a third of three colors of LEDs simultaneously during a second portion of the period, and the first current to the first of three colors of LEDs and the second current to the third of three colors of LEDs simultaneously during a third portion of the period.

IPC 8 full level

H05B 44/00 (2022.01); **H05B 45/20** (2020.01); **H05B 45/325** (2020.01)

CPC (source: EP KR)

H05B 45/20 (2020.01 - EP KR); **H05B 45/325** (2020.01 - EP KR); **H05B 45/46** (2020.01 - EP KR)

Citation (search report)

See references of WO 2020154547A1

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 2020154547 A1 20200730; CN 113711694 A 20211126; CN 113711694 B 20230818; EP 3915335 A1 20211201; JP 2022510040 A 20220125; JP 7089123 B2 20220621; KR 102434290 B1 20220822; KR 20210112391 A 20210914; TW 202036532 A 20201001

DOCDB simple family (application)

US 2020014857 W 20200123; CN 202080024081 A 20200123; EP 20704996 A 20200123; JP 2021543187 A 20200123; KR 20217027144 A 20200123; TW 109102873 A 20200130