

Title (en)

WIRELESS COLOR TUNING FOR CONSTANT-CURRENT DRIVER

Title (de)

DRAHTLOSE FARBABSTIMMUNG FÜR KONSTANTSTROMTREIBER

Title (fr)

ACCORD DE COULEUR SANS FIL POUR UN CONDUCTEUR À COURANT CONSTANT

Publication

**EP 3977820 A1 20220406 (EN)**

Application

**EP 20732087 A 20200527**

Priority

- US 201962853515 P 20190528
- US 201916513493 A 20190716
- EP 19203165 A 20191015
- US 2020034751 W 20200527

Abstract (en)

[origin: WO2020243202A1] Various embodiments include apparatuses and methods enabling a wireless control apparatus for an LED array. In one example, a control apparatus includes a wireless module to receive a signal from a wireless control-device. The wireless signal may include signals related to a desired CCT value and a Duv value. A control unit is coupled to the wireless module to translate signals received from the wireless module. The control unit is also coupled to the LED array and to an LED driver. The control unit receive powers for the LED array from the LED driver and provides the power to the LED array in a manner based on the translated signals. A dimmer emulator is coupled to the control unit to provide one or more control signals to the LED driver. Other apparatuses and methods are described.

IPC 8 full level

**H05B 45/20** (2020.01); **H05B 47/19** (2020.01)

CPC (source: EP)

**H05B 45/20** (2020.01); **H05B 45/30** (2020.01); **H05B 47/19** (2020.01)

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 2020243202 A1 20201203**; CN 114175855 A 20220311; EP 3977820 A1 20220406; TW 202114473 A 20210401; TW I749567 B 20211211

DOCDB simple family (application)

**US 2020034751 W 20200527**; CN 202080055100 A 20200527; EP 20732087 A 20200527; TW 109117944 A 20200528