

Title (en)

LIGHTING SYSTEM WITH INTEGRATED SENSOR

Title (de)

BELEUCHTUNGSSYSTEM MIT INTEGRIERTEM SENSOR

Title (fr)

SYTÈME D'ÉCLAIRAGE DOTÉ D'UN CAPTEUR INTÉGRÉ

Publication

**EP 3811736 A1 20210428 (EN)**

Application

**EP 19733920 A 20190620**

Priority

- US 201816015697 A 20180622
- EP 18186839 A 20180801
- US 2019038297 W 20190620

Abstract (en)

[origin: WO2019246431A1] Techniques and devices are provided for sensing image data from a scene and activating primary light sources based on information sensed from the scene. Subsets of a plurality of primary light sources may be activated to emit sensing spectrum of light onto a scene. Combined image data may be sensed from the scene while the subsets of the plurality of primary light sources are activated. Reflectance information for the scene may be determined based on the combined image data and combined sensing spectra. Spectrum optimization criteria for the primary light sources may be determined based on the reference information and a desired output parameter provided by a user or determined by a controller. The plurality of primary light sources may be activated to emit a lighting spectrum based on the spectrum optimization criteria.

IPC 8 full level

**H05B 44/00** (2022.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2019246431A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019246431 A1 20191226**; EP 3811736 A1 20210428; JP 2021527931 A 20211014; JP 7036952 B2 20220315; TW 202001465 A 20200101; TW I728385 B 20210521

DOCDB simple family (application)

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