

Title (en)

METHOD FOR CONTROLLING VIRTUAL LAMPS AND LIGHTING SYSTEM COMPRISING VIRTUAL LAMPS

Title (de)

VERFAHREN ZUR STEUERUNG VON VIRTUELLEN LAMPEN UND BELEUCHTUNGSSYSTEM MIT VIRTUELLEN LAMPEN

Title (fr)

PROCÉDÉ DE COMMANDE DE LAMPES VIRTUELLES ET SYSTÈME D'ÉCLAIRAGE COMPRENANT DES LAMPES VIRTUELLES

Publication

**EP 4054296 A1 20220907 (EN)**

Application

**EP 21159844 A 20210301**

Priority

EP 21159844 A 20210301

Abstract (en)

The present invention relates to a method for controlling virtual lamps comprising the steps of providing a central management system for managing light components, wherein a light component comprises one or more light elements and a control module for controlling light elements, placing one or more light components, establishing a communicative link between the one or more light components and the central management system, the method comprising the additional steps of defining at least one virtual lamp in the central management system, wherein at least one light element of a light component is assigned to a virtual lamp, and sending messages from the central management system to control modules of the light components, wherein the messages comprise at least one command for controlling light elements of virtual lamps, wherein the light elements of a light component can be controlled individually or in groups by the control module. The invention also relates to a lighting system.

IPC 8 full level

**H05B 47/155** (2020.01); **H05B 47/165** (2020.01); **H05B 47/175** (2020.01)

CPC (source: EP)

**H05B 47/175** (2020.01); **H05B 47/155** (2020.01); **H05B 47/165** (2020.01)

Citation (applicant)

US 9655215 B1 20170516 - HO HORACE C [US], et al

Citation (search report)

- [X] US 2020100344 A1 20200326 - TANIGAWA TETSUYA [JP]
- [X] US 2019227419 A1 20190725 - MCNELLEY STEVE H [US], et al
- [X] US 2017055333 A1 20170223 - CHOW KONG MENG VINCENT [HK]
- [X] WO 2005084339 A2 20050915 - COLOR KINETICS INC [US], et al
- [X] CN 111885794 A 20201103 - BEIJING QIWEI VISION MEDIA TECH CO LTD

Cited by

FR3140322A1; WO2024069003A1

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 4054296 A1 20220907**

DOCDB simple family (application)

**EP 21159844 A 20210301**