

Title (en)

LIGHT-EMITTING JOINT FOR CONNECTION OF LUMINAIRES AND LIGHTING DEVICE COMPRISING THE SAME

Title (de)

LICHTEMITTIERENDES VERBINDUNGSSTÜCK ZUR VERBINDUNG VON LEUCHTEN UND BELEUCHTVORRICHTUNG DAMIT

Title (fr)

JOINT ÉLECTROLUMINESCENT POUR CONNEXION DE LUMINAIRES ET DISPOSITIF D'ÉCLAIRAGE LE COMPRENANT

Publication

EP 3470732 A1 20190417 (EN)

Application

EP 18275051 A 20180413

Priority

US 201762572173 P 20171013

Abstract (en)

The present invention provides a light-emitting joint for connecting two or more luminaires to form a lighting device, comprising: a holder formed by a receiving chamber array comprising one or more receiving chambers connected from one another, the receiving chamber array being configured to be coupled with the two or more luminaires, a light emitting unit array comprising one or more light emitting units in a number corresponding to the number of the receiving chambers, where said one or more light emitting units are held in the respective receiving chambers in electrical connection with the luminaires, and at least two connectors, preferably mounted on a back of the lighting device, for robustly connecting the holder with the respective luminaires. The light emitting joint has the advantage of providing a uniform illumination at the junction of luminaires. The non-light emitting areas of those prior art lighting devices are reduced.

IPC 8 full level

F21S 2/00 (2016.01); **F21V 21/005** (2006.01); **F21V 23/06** (2006.01); **F21V 7/00** (2006.01); **F21Y 105/10** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP)

F21S 2/005 (2013.01); **F21S 8/061** (2013.01); **F21V 7/0083** (2013.01); **F21V 21/005** (2013.01); **F21V 23/002** (2013.01); **F21V 23/06** (2013.01); **F21Y 2105/10** (2016.07); **F21Y 2115/10** (2016.07)

Citation (applicant)

CN 206582546 U 20171024 - MASS TECH H K LIMITED

Citation (search report)

- [XII] WO 2014162298 A1 20141009 - DE BEVILACQUA CARLOTTA FRANCESCA ISOLINA MARIA [IT]
- [XI] US 4223377 A 19800916 - WILLIAMS HENRY

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 3470732 A1 20190417; CN 208967739 U 20190611

DOCDB simple family (application)

EP 18275051 A 20180413; CN 201821232753 U 20180801