

Title (en)

LED lighting apparatus having LED arrays turned on or off independently

Title (de)

LED-Beleuchtungsanordnung mit unabhängig ein- oder ausschaltbaren LED-Gruppen

Title (fr)

Appareil d'éclairage à DEL possédant des ensembles de DEL allumés ou éteints indépendamment

Publication

EP 2743576 B1 20160720 (EN)

Application

EP 13196482 A 20131210

Priority

KR 20120143198 A 20121211

Abstract (en)

[origin: EP2743576A2] Disclosed herein is an LED lighting apparatus used for landscape lighting, stage lighting, display lighting, task lighting, driving lighting, etc. The apparatus has LED arrays turned on or off independently. The apparatus includes an LED module (10) having a PCB (13) and LEDs (11) mounted on the PCB (13), the LEDs (11) divided into a plurality of LED arrays (11A,11B,11C) that are independently turned on or off. The apparatus also includes a heat dissipation unit (30), with the LED module (10) mounted on a front of the heat dissipation unit (30), and a locking bracket (80) on which the heat dissipation unit (30) is mounted.

IPC 8 full level

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CPC (source: EP KR US)

F21K 2/00 (2013.01 - KR); **F21S 2/005** (2013.01 - KR); **F21V 17/10** (2013.01 - KR); **F21V 17/107** (2013.01 - KR); **F21V 17/12** (2013.01 - KR); **F21V 23/04** (2013.01 - EP); **F21V 29/763** (2015.01 - EP US); **F21V 21/30** (2013.01 - EP); **F21V 31/005** (2013.01 - EP); **F21W 2131/10** (2013.01 - EP); **F21W 2131/40** (2013.01 - EP); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by

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