

Title (en)
AC LED apparatus

Title (de)
Wechselstrom-LED-Vorrichtung

Title (fr)
Appareil à DEL CA

Publication
EP 2385748 A1 20111109 (EN)

Application
EP 11154481 A 20110215

Priority

- US 33061110 P 20100503
- US 82977810 A 20100702
- US 201113985757 A 20110106

Abstract (en)

An alternating-current (AC) light-emitting diode (LED) apparatus is disclosed. A rectifier rectifies a power AC voltage to generate a rectified voltage, which is monitored by a controller. A number of LEDs are electrically coupled between the rectified voltage and a ground. A number of switches correspondingly control at least a portion of the LEDs respectively, wherein one terminal of each switch is electrically coupled to one electrode of the corresponding LED or LEDs. The switches are controlled by the controller according to the rectified voltage.

IPC 8 full level
H05B 33/08 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)
H05B 45/325 (2020.01 - EP US); **H05B 45/345** (2020.01 - EP US); **H05B 45/44** (2020.01 - EP); **H05B 45/48** (2020.01 - EP US);
H05B 45/355 (2020.01 - EP US)

Citation (search report)

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US9820348B2

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 2385748 A1 20111109

DOCDB simple family (application)
EP 11154481 A 20110215