

Title (en)

OVER-VOLTAGE HANDLING OF LIGHTING DEVICE

Title (de)

ÜBERSPANNUNGSVERWALTUNG FÜR EINE BELEUCHTUNGSVORRICHTUNG

Title (fr)

GESTION DE SURTENSION D'UN DISPOSITIF D'ÉCLAIRAGE

Publication

EP 2798913 A1 20141105 (EN)

Application

EP 12784104 A 20121001

Priority

- US 201161581781 P 20111230
- US 201213565220 A 20120802
- US 2012058253 W 20121001

Abstract (en)

[origin: WO2013101320A1] The present disclosure relates to a lighting device that employs at least one string of LEDs as a lighting source. The string of LEDs is coupled in series with a first semiconductor switch, wherein the string of LEDs and the first semiconductor switch are coupled between a power supply node and ground. During a period when the lighting device is powering up after being initially provided power by a power supply, the system controller is configured to monitor a drive current through the first string of LEDs and modulate a control signal provided to the first semiconductor switch based on the drive current to prevent the drive current from exceeding a maximum allowable drive current value for the first string of LEDs.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013101320A1

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