

Title (en)

APPARATUS AND METHOD FOR OPERATING CURRENT DEPENDENT ELECTRONIC DEVICES

Title (de)

VORRICHTUNG UND VERFAHREN FÜR DEN BETRIEB VON STROMABHÄNGIGEN ELEKTRONISCHEN GERÄTEN

Title (fr)

APPAREIL ET PROCEDE POUR LE FONCTIONNEMENT DE DISPOSITIFS ELECTRONIQUE A DEPENDANCE DE COURANT

Publication

**EP 1632111 A1 20060308 (EN)**

Application

**EP 04727942 A 20040416**

Priority

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- GB 0308815 A 20030416

Abstract (en)

[origin: GB2400691A] An apparatus for operating one or more electronic devices requiring a given current, such as light-emitting diodes on an elongate lighting strip connected at (12), comprises a regulator device (10) providing voltage output, and a feedback loop having a reference device (20) connected to the voltage output and requiring the same current as the electronic devices, a measuring and conversion device (18,22) operable to measure the current through the reference device and convert it to a voltage value and return it to the regulator device (10), wherein the regulator device (10) is operable to adjust the output voltage in response to the voltage value until the measured current is equal to the given current required.

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