Title (en)

AN LED DRIVER METHOD FOR TRAFFIC LANTERNS

Title (de)

LED-TREIBERVERFAHREN FÜR VERKEHRSLATERNEN

Title (fr)

PROCÉDÉ DE COMMANDE DE DEL POUR LANTERNES DE CIRCULATION

Publication

EP 2229667 A1 20100922 (EN)

Application

EP 08856603 A 20081203

Priority

• AU 2008001778 W 20081203
• AU 2007906653 A 20071203

Abstract (en)

[origin: WO2009070828A1] An LED driver for a traffic lantern has a current mirror (14) adapted to control the current through an LED (18) of the lantern, and a fault detector (20) connected to an output (16) of the current mirror (14) and the LED (1 8). The fault detector (20) is adapted to indicate a fault condition if the voltage measured is outside a predetermined range. The LED driver also has a voltage sensor (26) adapted to provide an output voltage (30) proportional to the average voltage of other LED drivers for the lantern which are not connected to faulty LEDs.

IPC 8 full level

G08G 1/095 (2006.01); **H05B 37/03** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

H05B 45/58 (2020.01 - EP US); **H05B 47/24** (2020.01 - EP US)

Citation (search report)

See references of WO 2009070828A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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AU 2008001778 W 20081203; AU 2008331420 A 20081203; CN 200880118936 A 20081203; EP 08856603 A 20081203; NZ 58613008 A 20081203; ZA 201004263 A 20100615