

Title (en)

LED driving apparatus and method of driving LED

Title (de)

LED-Ansteuerungsvorrichtung und Verfahren zur LED-Ansteuerung

Title (fr)

Appareil de commande de DEL et procédé de commande de DEL

Publication

**EP 2605620 A1 20130619 (EN)**

Application

**EP 12275020 A 20120302**

Priority

KR 20110136102 A 20111216

Abstract (en)

There are provided a light emitting device (LED) driving apparatus and a method of driving an LED. The LED driving apparatus includes a voltage detection unit detecting a driving voltage supplied from a driving unit for a light emitting unit having a plurality of light emitting devices; a current detection unit detecting a driving current flowing in the light emitting unit; and a control unit setting a reference current according to detected voltage from the voltage detection unit and controlling the driving unit according to the reference current and the detected current from the current detection unit.

IPC 8 full level

**H05B 44/00** (2022.01)

CPC (source: EP KR US)

**H05B 45/14** (2020.01 - EP KR US); **H05B 45/3725** (2020.01 - EP KR US); **H05B 45/46** (2020.01 - EP KR); **H05B 45/48** (2020.01 - KR)

Citation (search report)

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BA ME

DOCDB simple family (publication)

**EP 2605620 A1 20130619; EP 2605620 B1 20160713; EP 2605620 B8 20160907**; KR 101328340 B1 20131111; KR 20130068751 A 20130626

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