

Title (en)

LED driver and a method in connection with a LED driver

Title (de)

LED-Treiber und Verfahren in Verbindung mit einem LED-Treiber

Title (fr)

Circuit de commande de DEL et procédé associé à une commande de DEL

Publication

EP 2958401 A1 20151223 (EN)

Application

EP 14173071 A 20140619

Priority

EP 14173071 A 20140619

Abstract (en)

A LED driver and a method in connection with a LED driver. The method comprising providing a controlled current to an output of the LED driver for providing controlled illumination from a LED light source, employing a pulse width modulator having a PWM frequency to produce the controlled current, setting a minimum effective value of the controlled current, setting the PWM frequency of the pulse width modulator on the basis of the set minimum effective value of the controlled current.

IPC 8 full level

H05B 33/08 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

H05B 45/10 (2020.01 - EP US)

Citation (applicant)

US 2012286686 A1 20121115 - WATANABE KOJI [JP], et al

Citation (search report)

- [X1] US 6724158 B1 20040420 - FELDMAN ALAN S [US]
- [A] US 2012217889 A1 20120830 - JAYABALAN RANJIT [US], et al
- [A] US 2013242622 A1 20130919 - PENG HAO [US], et al

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 2958401 A1 20151223; EP 2958401 B1 20171018

DOCDB simple family (application)

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