

Title (en)

Vehicle lighting apparatus and method for controlling a vehicle lighting apparatus

Title (de)

Fahrzeug-Beleuchtungsanordnung und Verfahren zum Steuern einer Fahrzeug-Beleuchtungsanordnung

Title (fr)

Appareil d'éclairage pour un véhicule et procédé pour contrôler un appareil d'éclairage pour un véhicule

Publication

**EP 1648204 B1 20080625 (DE)**

Application

**EP 05022530 A 20051014**

Priority

DE 102004050655 A 20041018

Abstract (en)

[origin: EP1648204A1] The vehicle lighting device has at least one light emitting diode (3) and a light control device (1) connected to the diode. The control device generates a pulse width modulated clock pulse signal which is conveyed to the diode. A circuit (2) is arranged between the control device and the diode. This is used to convey the pulse width modulated clock pulse signal to the diode over different resistances in dependence on a control signal. Independent claims also cover a control method.

IPC 8 full level

**H05B 44/00** (2022.01)

CPC (source: EP US)

**H05B 45/10** (2020.01 - EP US); **Y10S 362/80** (2013.01 - EP)

Cited by

DE102006003469A1; DE102011018573A1; CH715767A1; EP2744124A1; CN103873143A; EP2765835A1; US8970112B2; WO2020152217A1; EP3915336B1

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DOCDB simple family (publication)

**EP 1648204 A1 20060419; EP 1648204 B1 20080625**; AT E399452 T1 20080715; DE 102004050655 A1 20060601; DE 502005004509 D1 20080807; JP 2006111265 A 20060427; JP 5043324 B2 20121010; US 2006083011 A1 20060420; US 7385495 B2 20080610

DOCDB simple family (application)

**EP 05022530 A 20051014**; AT 05022530 T 20051014; DE 102004050655 A 20041018; DE 502005004509 T 20051014; JP 2005301291 A 20051017; US 25199805 A 20051017