

Title (en)

Automobil lighting device incorporating LEDs

Title (de)

Leuchteinrichtung für ein Kraftfahrzeug umfassend eine oder mehrere LED's

Title (fr)

Dispositif d'eclairage pour voiture avec des LED's

Publication

EP 1659831 B1 20120215 (DE)

Application

EP 05024986 A 20051116

Priority

DE 102004055884 A 20041119

Abstract (en)

[origin: EP1659831A1] The light device has one or more LEDs and at least one temperature sensor for detecting the temperature of the LEDs. A control device communicates with a power supply and the temperature sensor. The control device varies the output current from the power supply based on the detected temperature, between the rated LED current (INenn) and a lower LED threshold current (IGrenz), until the brightness reduces by a certain value compared to the brightness at the rated LED current.

IPC 8 full level

H05B 44/00 (2022.01); **F21K 99/00** (2010.01)

CPC (source: EP US)

H05B 45/18 (2020.01 - EP US); **H05B 45/56** (2020.01 - US); **H05B 45/28** (2020.01 - EP US)

Cited by

EP2563095A3; EP2685788A1; CN103546030A; US9060408B2; US8766540B2; WO2009039722A1; WO2009036948A1; US9907148B2; US10136506B2; US9313856B2; US9565733B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1659831 A1 20060524; **EP 1659831 B1 20120215**; DE 102004055884 A1 20060524

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