

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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