

Title (en)

Illuminating device and luminance switching thereof

Title (de)

Beleuchtungsanordnung und Vorrichtung zur Helligkeitsregelung dafür

Title (fr)

Dispositif d'illumination et dispositif de commutation de la luminance correspondant

Publication

EP 1926350 A1 20080528 (EN)

Application

EP 07100454 A 20070112

Priority

CN 200610145253 A 20061124

Abstract (en)

An illuminating device and a luminance switching device thereof for controlling luminance of light emitting states of LED light source are provided. The luminance switching device includes a changeover switch which is electrically connected to the luminance switching device for switching the light-emitting states of the LED light source and has switching modes corresponding to the light-emitting states, a detecting circuit for detecting the switching mode corresponding to the changeover switch, a memory unit for storing luminance values of the LED light source corresponding to the switching modes detected by the detecting circuit, converting the luminance values of the LED light source into a luminance control signal, and transmitting the luminance control signal to the detecting circuit, and a power conversion circuit for receiving the luminance control signal transmitted from the detecting circuit, such that the LED light source produces luminance of the light-emitting states corresponding to the switching modes.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/10 (2020.01 - EP US); **H05B 47/185** (2020.01 - EP US)

Citation (search report)

- [X] US 2006256049 A1 20061116 - SCHOU GUY [FR]
- [X] US 2006061300 A1 20060323 - BIEBL ALOIS [DE], et al
- [A] US 6608614 B1 20030819 - JOHNSON RICK J [US]

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EP2391188A1; WO2011041817A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1926350 A1 20080528; **EP 1926350 B1 20101229**; AT E493866 T1 20110115; CN 100521839 C 20090729; CN 101193474 A 20080604; DE 602007011557 D1 20110210; EP 2299778 A1 20110323; EP 2299778 B1 20120627; ES 2355987 T3 20110401; ES 2389087 T3 20121023

DOCDB simple family (application)

EP 07100454 A 20070112; AT 07100454 T 20070112; CN 200610145253 A 20061124; DE 602007011557 T 20070112; EP 10197073 A 20070112; ES 07100454 T 20070112; ES 10197073 T 20070112