

Title (en)

Device for controlling turning on and off of a vehicular lamp

Title (de)

Vorrichtung zur Steuerung des Ein- und Ausschaltens einer Fahrzeuglampe

Title (fr)

Dispositif pour contrôler l'activation/désactivation d'un phare de véhicule

Publication

EP 2170012 A1 20100331 (EN)

Application

EP 09012268 A 20090928

Priority

JP 2008251144 A 20080929

Abstract (en)

There is provided a device for controlling turning on and off of a vehicular lamp. The device includes a plurality of semiconductor light sources; a plurality of abnormality detecting parts, one abnormality detecting part provided for each semiconductor light source, that detect currents or voltages supplied to the plurality of semiconductor light sources so as to output detection signals used to detect abnormalities of the respective semiconductor light sources; and a control part that detects the respective detection signals at a regular detection period at a different detection timing for each of the detection signals. When, for each semiconductor light source, a time period between a detection timing of the detection signal in one detection period and a detection timing of the detection signal in a next detection period is defined as an acquisition period for the respective semiconductor light sources, the acquisition period of at least one semiconductor light source is different from the other acquisition periods for the other semiconductor light sources.

IPC 8 full level

H05B 44/00 (2022.01); **H05B 45/50** (2022.01)

CPC (source: EP US)

H05B 45/46 (2020.01 - EP US); **H05B 45/50** (2020.01 - EP US)

Citation (applicant)

JP 2006073400 A 20060316 - KOITO MFG CO LTD

Citation (search report)

- [AD] US 2006055244 A1 20060316 - ITO MASAYASU [JP], et al
- [A] WO 2007096868 A1 20070830 - POWERDSINE LTD [IL], et al

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2170012 A1 20100331; **EP 2170012 B1 20110518**; AT E510444 T1 20110615; JP 2010086667 A 20100415

DOCDB simple family (application)

EP 09012268 A 20090928; AT 09012268 T 20090928; JP 2008251144 A 20080929