

Title (en)

Discharge lamp lighting device and illumination apparatus

Title (de)

Entladungslampenbeleuchtungseinrichtung und Beleuchtungsvorrichtung

Title (fr)

Dispositif d'allumage de lampe a decharge et appareil d'éclairage

Publication

EP 1773104 A1 20070411 (EN)

Application

EP 06255050 A 20060929

Priority

- JP 2005283745 A 20050929
- JP 2005338754 A 20051124
- JP 2006224985 A 20060822

Abstract (en)

A discharge lamp lighting device includes a microcomputer (18) which outputs a reference voltage value V S2 corresponding to lamp power at the full-lighting time which corresponds to lamp voltage at the input time of a full-lighting signal and outputs a reference voltage value V S2 corresponding to lamp power at the dimming time based on values "a" and "b" corresponding to a dimming light amount, lamp voltage and lamp power at the full-lighting time when a dimming signal is input, output means (30) for detecting voltage corresponding to lamp voltage by use of resistors (10, 11), detecting voltage corresponding to a lamp current by use of a resistor (9) to output a voltage value V S1 , and a controller (15) which controls a voltage step-down chopper circuit (4) based on the voltage value V S1 and reference voltage value V S2 .

IPC 8 full level

H05B 41/288 (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)

H05B 41/288 (2013.01); **H05B 41/382** (2013.01); **H05B 41/3921** (2013.01)

Citation (search report)

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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 YU

DOCDB simple family (publication)

EP 1773104 A1 20070411; JP 2007173204 A 20070705; JP 4923852 B2 20120425

DOCDB simple family (application)

EP 06255050 A 20060929; JP 2006224985 A 20060822