

Title (en)

LIGHTING SYSTEM WITH GAS DISCHARGE LAMP AND CORRESPONDING DRIVING METHOD

Title (de)

LAMPENSYSTEM MIT EINER GASENTLADUNGSLAMPE UND DAFÜR ANGEPASSTES BETRIEBSVERFAHREN

Title (fr)

SYSTÈME D'ÉCLAIRAGE AVEC LAMPE À DÉCHARGE ET PROCÉDÉ DE FONCTIONNEMENT

Publication

EP 3532434 B1 20220615 (DE)

Application

EP 17784957 A 20171018

Priority

- DE 102016120672 A 20161028
- EP 2017076529 W 20171018

Abstract (en)

[origin: WO2018077678A1] In order to control a lamp system having a gas-discharge lamp, an electronic ballast and a control unit, a performance-influencing controlled variable of the lamp system is used. In order to specify, on the basis of this, a method for operating a gas-discharge lamp which enables operation with a high emission performance irrespective of the design of the lamp and any changes on account of lamp ageing and without knowledge of the optimum operating temperature, the invention proposes that light intensity control is provided, in which an actual value of a light intensity emitted by the gas-discharge lamp is measured by means of a light sensor and the emitted light intensity is used as the controlled variable.

IPC 8 full level

C02F 1/32 (2006.01); **H01J 61/52** (2006.01); **H05B 41/295** (2006.01)

CPC (source: EP KR US)

H01J 61/523 (2013.01 - EP KR US); **H05B 41/295** (2013.01 - EP KR US); **H05B 41/39** (2013.01 - US); **H01J 61/20** (2013.01 - US)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2018077678 A1 20180503; CN 109923073 A 20190621; CN 109923073 B 20220408; DE 102016120672 A1 20180503; DE 102016120672 B4 20180719; EP 3532434 A1 20190904; EP 3532434 B1 20220615; JP 2020501297 A 20200116; JP 6828153 B2 20210210; KR 102241690 B1 20210419; KR 20190051047 A 20190514; US 10652975 B2 20200512; US 2019254151 A1 20190815

DOCDB simple family (application)

EP 2017076529 W 20171018; CN 201780066299 A 20171018; DE 102016120672 A 20161028; EP 17784957 A 20171018; JP 2019521781 A 20171018; KR 20197011184 A 20171018; US 201716345557 A 20171018