

Title (en)

LIGHTING SYSTEM COMPRISING A DISCHARGE LAMP AND AN ELECTRONIC BALLAST, AND METHOD FOR THE OPERATION OF A LIGHTING SYSTEM

Title (de)

BELEUCHTUNGSSYSTEM MIT EINER ENTLADUNGSLAMPE UND EINEM ELEKTRONISCHEN VORSCHALTGERÄT UND VERFAHREN ZUM BETREIBEN EINES BELEUCHTUNGSSYSTEMS

Title (fr)

SYSTÈME D'ÉCLAIRAGE COMPORTANT UNE LAMPE À DÉCHARGE ET UN BALLAST ÉLECTRONIQUE ET PROCÉDÉ D'UTILISATION D'UN SYSTÈME D'ÉCLAIRAGE

Publication

EP 2044614 A2 20090408 (DE)

Application

EP 07787150 A 20070706

Priority

- EP 2007056867 W 20070706
- DE 102006033672 A 20060720

Abstract (en)

[origin: WO2008009571A2] The invention relates to a lighting system comprising a discharge lamp (5) that is provided with an Hg source (52) from which mercury evaporates when the discharge lamp (5) is operated, and an electronic ballast (4) for operating the discharge lamp (5). The inventive lighting system is characterized by means (7, 8) for detecting temperature values, with the aid of which the actual temperature of the Hg source (51) can be determined. The actual temperature is compared to at least one reference temperature, and the temperature of the Hg source (51) can be adjusted in accordance with said comparison. The invention also relates a method for operating a discharge lamp by means of an electronic ballast.

IPC 8 full level

H01J 61/24 (2006.01)

CPC (source: EP)

H01J 61/28 (2013.01); **H01J 61/72** (2013.01); **H05B 41/2988** (2013.01)

Citation (search report)

See references of WO 2008009571A2

Designated contracting state (EPC)

DE FR GB HU IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008009571 A2 20080124; **WO 2008009571 A3 20080320**; CN 101490796 A 20090722; CN 101490796 B 20120704; DE 102006033672 A1 20080124; EP 2044614 A2 20090408

DOCDB simple family (application)

EP 2007056867 W 20070706; CN 200780027528 A 20070706; DE 102006033672 A 20060720; EP 07787150 A 20070706