

Title (en)

METHOD AND ELECTRONIC OPERATING DEVICE FOR OPERATING A GAS DISCHARGE LAMP AND PROJECTOR

Title (de)

VERFAHREN UND ELEKTRONISCHES BETRIEBSGERÄT ZUM BETREIBEN EINER GASENTLADUNGSLAMPE SOWIE PROJEKTOR

Title (fr)

PROCÉDÉ ET APPAREIL ÉLECTRONIQUE POUR FAIRE FONCTIONNER UNE LAMPE À DÉCHARGE, ET PROJECTEUR

Publication

**EP 2382846 A2 20111102 (DE)**

Application

**EP 10700722 A 20100105**

Priority

- EP 2010050026 W 20100105
- DE 102009006339 A 20090127

Abstract (en)

[origin: WO2010086191A2] The invention relates to a method for operating a gas discharge lamp, wherein the gas discharge lamp is operated by a square-wave current, wherein the lamp current has predetermined commutation points over time and a commutation for creating a commutation pattern can take place at said commutation points. The invention likewise relates to an electronic operating device having an igniter, an inverter and a control circuit, wherein the electronic operating device carries out said method. The invention likewise relates to a projector having an electronic operating device, wherein the projector is designed to project an image during performance of the method without the performance of the method being viewable in the image.

IPC 8 full level

**H05B 41/292** (2006.01)

CPC (source: EP US)

**H05B 41/2928** (2013.01 - EP US)

Citation (search report)

See references of WO 2010086191A2

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

DOCDB simple family (publication)

**WO 2010086191 A2 20100805; WO 2010086191 A3 20110623**; CA 2750666 A1 20100805; CN 102301829 A 20111228; DE 102009006339 A1 20100916; EP 2382846 A2 20111102; US 2011310361 A1 20111222

DOCDB simple family (application)

**EP 2010050026 W 20100105**; CA 2750666 A 20100105; CN 201080005747 A 20100105; DE 102009006339 A 20090127; EP 10700722 A 20100105; US 201013146410 A 20100105