Title (en)

Method for determining a type of a gas discharge lamp and electronic preswitching device for operating at least two different types of gas discharge lamp

Title (de)

Verfahren zum Ermitteln eines Typs einer Gasentladungslampe und elektronisches Vorschaltgerät zum Betreiben von mindestens zwei unterschiedlichen Typen von Gasentladungslampen

Title (fr)

Procédé de détermination d'un type de lampe à décharge et appareil électrique monté en amont destiné au fonctionnement d'au moins deux types différents de lampes à décharge

Publication

EP 2247167 A3 20141112 (DE)

Application

EP 10160067 A 20100415

Priority

DE 102009019625 A 20090430

Abstract (en)

[origin: EP2247167A2] The method involves preheating a coil (W1,W2) of the gas discharge lamp (La) for a predetermined preheating time. A characteristic physical parameter for the type of gas discharge lamp is determined at the end of the preheating time and the measured value of the parameter is provided. The lamp type is determined on the basis of the provided measured value. The preheating time is extended for a predetermined period of time. An independent claim is also included for an electronic ballast with a preheating device for operating different types of gas-discharge lamps.

IPC 8 full level

H05B 41/36 (2006.01); **H05B 41/295** (2006.01)

CPC (source: EP US)

H05B 41/295 (2013.01 - EP US); **H05B 41/36** (2013.01 - EP US)

Citation (search report)

- [A] WO 2005060320 A1 20050630 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [A] DE 102007047142 A1 20090409 - TRIDONICATCO GMBH & CO KG [AT]
- [A] US 6972531 B2 20051206 - KRUMMEL PETER [DE]

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 ME RS

DOCDB simple family (publication)

EP 2247167 A2 20101103; **EP 2247167 A3 20141112**; CN 101877927 A 20101103; CN 101877927 B 20141126; DE 102009019625 A1 20101125; DE 102009019625 B4 20140515; KR 20100119524 A 20101109; US 2010277178 A1 20101104; US 8754652 B2 20140617

DOCDB simple family (application)

EP 10160067 A 20100415; CN 201010169785 A 20100430; DE 102009019625 A 20090430; KR 20100040825 A 20100430; US 76966410 A 20100429