

Title (en)

BALLAST FOR A DISCHARGE LAMP WITH ADAPTIVE PREHEATING

Title (de)

VORSCHALTGERÄT FÜR EINE ENTLADUNGSLAMPE MIT ADAPTIVER VORHEIZUNG

Title (fr)

BALLAST POUR UNE LAMPE A DECHARGE A PRECHAUFFAGE ADAPTATIF

Publication

**EP 1920642 B1 20100217 (DE)**

Application

**EP 06806734 A 20060830**

Priority

- EP 2006065801 W 20060830
- DE 202005013754 U 20050831

Abstract (en)

[origin: DE202005013754U1] The gear has a measuring device (M) to measure a parameter of one of two electrodes (E1, E2) connected to a discharge lamp (LA). The measured parameter correlates to the increased electrode temperature that is experienced during the preheating process. A control device (C) reacts to the measured electrode temperature by virtue of an adjustment of the operating parameter of the electronic control gear.

IPC 8 full level

**H05B 41/295** (2006.01)

CPC (source: EP US)

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

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

DOCDB simple family (publication)

**US 2010156299 A1 20100624; US 8134297 B2 20120313**; AT E458383 T1 20100315; CN 101253818 A 20080827; CN 101253818 B 20120718; DE 202005013754 U1 20051117; DE 502006006192 D1 20100401; EP 1920642 A1 20080514; EP 1920642 B1 20100217; JP 2009506509 A 20090212; JP 4723646 B2 20110713; WO 2007025976 A1 20070308

DOCDB simple family (application)

**US 99008006 A 20060830**; AT 06806734 T 20060830; CN 200680031387 A 20060830; DE 202005013754 U 20050831; DE 502006006192 T 20060830; EP 06806734 A 20060830; EP 2006065801 W 20060830; JP 2008528508 A 20060830