

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 1920643 A1 20080514 (DE)

Application

EP 06806735 A 20060830

Priority

- EP 2006065811 W 20060830
- DE 202005013753 U 20050831

Abstract (en)

[origin: DE202005013753U1] The ballast has a measuring device (M) to repeatedly measure a parameter e.g. voltage and heating resistance, that are correlated to the temperature of electrodes (E1, E2) of a discharge lamp (LA) during a preheating operation of the electrodes. A control device (C) ignites the discharging of the lamp in a non-repetitive process for the parameter that is correlated to the temperature during the measurement.

IPC 8 full level

H05B 41/295 (2006.01)

CPC (source: EP)

H05B 41/295 (2013.01)

Citation (search report)

See references of WO 2007025983A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 202005013753 U1 20051117; CN 101253817 A 20080827; DE 502006004609 D1 20091001; EP 1920643 A1 20080514; EP 1920643 B1 20090819; JP 2009506510 A 20090212; WO 2007025983 A1 20070308

DOCDB simple family (application)

DE 202005013753 U 20050831; CN 200680031356 A 20060830; DE 502006004609 T 20060830; EP 06806735 A 20060830; EP 2006065811 W 20060830; JP 2008528511 A 20060830