

Title (en)

DIMMABLE ELECTRONIC BALLAST DEVICE

Title (de)

DIMMBARES ELEKTRONISCHES VORSCHALTGERÄT

Title (fr)

BALLAST ÉLECTRONIQUE À GRADATION

Publication

EP 2011372 A1 20090107 (DE)

Application

EP 07724007 A 20070404

Priority

- EP 2007003066 W 20070404
- DE 102006018569 A 20060421

Abstract (en)

[origin: WO2007121840A1] A dimmable electronic ballast for gas discharge lamps incorporates: - an electronic control unit (5), which is designed to selectively trigger the operation of a connected lamp according to at least the following operating modes: a.) above a defined dimming level, operation of the lamp with a high-frequency bipolar lamp current, and b.) below the defined dimming level, operation of the lamp with a unipolar DC lamp current, on which where appropriate a high-frequency current may be superimposed.

IPC 8 full level

H05B 41/00 (2006.01)

CPC (source: EP)

H05B 41/3921 (2013.01)

Citation (search report)

See references of WO 2007121840A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006018569 A1 20071025; EP 2011372 A1 20090107; WO 2007121840 A1 20071101

DOCDB simple family (application)

DE 102006018569 A 20060421; EP 07724007 A 20070404; EP 2007003066 W 20070404