

Title (en)

DEVICE AND METHOD FOR THE MULTI-PHASE OPERATION OF A GAS DISCHARGE OR METAL VAPOUR LAMP

Title (de)

VORRICHTUNG UND VERFAHREN ZUM MEHRPHASIGEN BETREIBEN EINER GASENTLADUNGS- BZW. EINER METALLDAMPFLAMPE

Title (fr)

DISPOSITIF ET PROCEDE DE FONCTIONNEMENT POLYPHASE D'UNE LAMPE A DECHARGE OU A VAPEUR METALLIQUE

Publication

EP 1354500 A1 20031022 (DE)

Application

EP 01273108 A 20011108

Priority

- DE 10102408 A 20010115
- EP 0112950 W 20011108

Abstract (en)

[origin: WO02056644A1] The invention relates to devices and methods for operating one or several gas-discharge lamps or metal-vapour lamps. A rectified multi-phase voltage is applied directly from an electronic ballast without intermediate active components, in order to achieve an efficient operation of the gas discharge lamp, with little perturbing radiation, whereby the power factor is, in principle, greater than 0.95.

IPC 1-7

H05B 41/00

IPC 8 full level

H05B 41/28 (2006.01)

CPC (source: EP US)

H05B 41/28 (2013.01 - EP US); **Y10S 315/05** (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Citation (search report)

See references of WO 02056644A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02056644 A1 20020718; AT E321435 T1 20060415; DE 10102408 A1 20020718; DE 50109284 D1 20060511; DK 1354500 T3 20060731; EP 1354500 A1 20031022; EP 1354500 B1 20060322; ES 2260167 T3 20061101; US 2004085032 A1 20040506; US 7157863 B2 20070102

DOCDB simple family (application)

EP 0112950 W 20011108; AT 01273108 T 20011108; DE 10102408 A 20010115; DE 50109284 T 20011108; DK 01273108 T 20011108; EP 01273108 A 20011108; ES 01273108 T 20011108; US 46635003 A 20031203