

Title (en)

CIRCUIT ARRANGEMENT FOR OPERATING A VACUUM GAS DISCHARGE LAMP

Title (de)

SCHALTANORDNUNG ZUM BETREIBEN EINER NIEDERDRUCK-GASENTLADUNGSLAMPE

Title (fr)

DISPOSITIF DE COMMANDE POUR FAIRE FONCTIONNER UNE LAMPE À DÉCHARGE À BASSE PRESSION

Publication

EP 2138017 B1 20110615 (DE)

Application

EP 07728394 A 20070423

Priority

EP 2007053937 W 20070423

Abstract (en)

[origin: WO2008128573A1] Conventional circuit arrangements for operating vacuum gas discharge lamps comprise an inductive element (LI1) playing a role both upon reaching the operating state of the lamp and in the preceding ignition of the gas discharge. Prior to ignition, the coils (W1 and W2) of the lamp (L) are heated up. A special heating circuit is provided for this purpose. According to the invention, an inductive element (LI2) is also located in the heating circuit, the element preferably being magnetically coupled to the first inductive element (LI1).

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008128573 A1 20081030; AT E513450 T1 20110715; CN 101663923 A 20100303; EP 2138017 A1 20091230; EP 2138017 B1 20110615; US 2010102738 A1 20100429

DOCDB simple family (application)

EP 2007053937 W 20070423; AT 07728394 T 20070423; CN 200780052677 A 20070423; EP 07728394 A 20070423; US 53215807 A 20070423