

Title (en)

Device for electrode heating in discharge lamps

Title (de)

Betriebsgerät für Entladungslampen mit Abschaltung der Elektrodenwendelheizung

Title (fr)

Dispositif de contrôle de chauffage d'électrode dans les lampes à décharge

Publication

EP 1225792 B1 20030813 (DE)

Application

EP 01129891 A 20011214

Priority

DE 10102837 A 20010122

Abstract (en)

[origin: EP1225792A1] An electronic operating device connects to a gas discharge lamp (LP). An AC voltage generator (G) emits an AC voltage at an output (A) regarding a ground potential (M). The frequency of this AC voltage is higher than mains frequency. Between the output and the ground potential there is a series connection made up of a coupling capacitor (C11), a lamp choke (L11) and an ignition capacitor (C12) connected to the ground potential.

IPC 1-7

H05B 41/298; **H05B 41/392**; **H05B 37/00**

IPC 8 full level

H05B 41/24 (2006.01); **H05B 37/00** (2006.01); **H05B 41/16** (2006.01); **H05B 41/295** (2006.01); **H05B 41/298** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP KR US)

H05B 41/16 (2013.01 - KR); **H05B 41/295** (2013.01 - EP US)

Cited by

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

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EP 1225792 A1 20020724; **EP 1225792 B1 20030813**; AT E247373 T1 20030815; AU 1196102 A 20021114; AU 777106 B2 20040930; CA 2368725 A1 20020722; CN 100386003 C 20080430; CN 1367639 A 20020904; DE 10102837 A1 20020725; DE 50100490 D1 20030918; JP 2002260887 A 20020913; KR 100826323 B1 20080502; KR 20020062571 A 20020726; TW 526681 B 20030401; US 2002125807 A1 20020912; US 6555970 B2 20030429

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