

Title (en)

Apparatus for operating discharge lamps

Title (de)

Betriebsgerät für Gasentladungslampen

Title (fr)

Appareil pour alimenter des lampes à décharge

Publication

EP 1326484 B1 20060809 (DE)

Application

EP 02027137 A 20021204

Priority

DE 10200049 A 20020102

Abstract (en)

[origin: EP1326484A2] The device has a half-bridge inverter with transistors (T1,T2) and a load circuit coupling between the transistors includes a primary transformer winding via which a load current flows. Drive circuits (1,2) of transistors includes an integration unit that switches off the transistor on reaching a preset value, and two voltage threshold value switches, where a threshold of one switch is less than that of other switch.

IPC 8 full level

H05B 41/28 (2006.01); **H05B 41/282** (2006.01)

CPC (source: EP US)

H05B 41/28 (2013.01 - EP US); **H05B 41/2825** (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Cited by

EP1530407A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1326484 A2 20030709; EP 1326484 A3 20050105; EP 1326484 B1 20060809; AT E336156 T1 20060915; CA 2415510 A1 20030702; CN 100438715 C 20081126; CN 1430460 A 20030716; DE 10200049 A1 20030717; DE 50207779 D1 20060921; US 2003122504 A1 20030703; US 6677716 B2 20040113

DOCDB simple family (application)

EP 02027137 A 20021204; AT 02027137 T 20021204; CA 2415510 A 20021230; CN 03100903 A 20030102; DE 10200049 A 20020102; DE 50207779 T 20021204; US 32374802 A 20021220