

Title (en)

Process and circuit for operating at least one discharge lamp

Title (de)

Verfahren und Schaltungsanordnung zum Betrieb mindestens einer Entladungslampe

Title (fr)

Procédé et circuit pour alimenter au moins une lampe à décharge

Publication

EP 0866646 A3 20000531 (DE)

Application

EP 98103764 A 19980304

Priority

DE 19711183 A 19970318

Abstract (en)

[origin: EP0866646A2] The method involves using a lamp with a gastight closed discharge vessel with an ionisable filling and electrodes inside between which a gas discharge is formed. The lamp are operated to create a tail lamp with a first, minimal electrical power and a signalling lamp with a second, higher electrical power. Preferably, the second, higher power is at least twice the size as the first minimal power. The signalling lamp is a stop lamp. The ionisable filling of the lamp contains neon. The lamps are fed by a medium frequency supply voltage and an operating parameter is controlled by pulse width modulation.

IPC 1-7

H05B 41/42; **H05B 41/29**

IPC 8 full level

H05B 41/36 (2006.01); **H05B 41/392** (2006.01); **H05B 41/42** (2006.01)

CPC (source: EP US)

H05B 41/36 (2013.01 - EP US); **H05B 41/3927** (2013.01 - EP US); **H05B 41/42** (2013.01 - EP US)

Citation (search report)

- [YA] GB 2059693 A 19810423 - WERNER K H J
- [A] EP 0449667 A2 19911002 - BERTONEE INC [CA]
- [A] EP 0488002 A1 19920603 - HOLZER WALTER [DE]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01 28 February 1995 (1995-02-28)

Cited by

EP1160127A3; FR2806247A1; CN100381022C; US6204614B1; WO0241670A3; WO0069227A1; WO2008071544A1; WO2012062690A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0866646 A2 19980923; **EP 0866646 A3 20000531**; CA 2232328 A1 19980918; DE 19711183 A1 19980924; HU 219249 B 20010328; HU 9800595 D0 19980528; HU P9800595 A2 19981028; HU P9800595 A3 20000328; JP H10270190 A 19981009; US 6411040 B1 20020625

DOCDB simple family (application)

EP 98103764 A 19980304; CA 2232328 A 19980317; DE 19711183 A 19970318; HU P9800595 A 19980317; JP 8293998 A 19980313; US 4077298 A 19980318