

Title (en)

Method and device for driving a fluorescent lamp

Title (de)

Verfahren zum Betrieb mindestens einer Niederdruckentladungslampe und Betriebsgerät für mindestens eine Niederdruckentladungslampe

Title (fr)

Dispositif et méthode pour commander une lampe fluorescente

Publication

EP 1424881 B1 20060823 (DE)

Application

EP 03025649 A 20031105

Priority

DE 10255737 A 20021128

Abstract (en)

[origin: EP1424881A1] The method involves monitoring for the rectifier effect in at least one lamp (FL1, 2) to detect the end of its operating life. The rectifier effect is monitored for by evaluating the d.c. voltage drop across the electrical connections of the at least one discharge lamp, the electrical power fed into an associated d.c./a.c. converter (T1,T2) or a proportional first parameter and a second parameter correlated with the lamp's burning voltage. AN Independent claim is also included for the following: (a) an operating device for at least one low pressure discharge lamp.

IPC 8 full level

H05B 41/298 (2006.01)

CPC (source: EP US)

H05B 41/2985 (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

EP 1424881 A1 20040602; **EP 1424881 B1 20060823**; AT E337695 T1 20060915; CA 2450918 A1 20040528; DE 10255737 A1 20040609; DE 50304728 D1 20061005; US 2004104691 A1 20040603; US 6930454 B2 20050816

DOCDB simple family (application)

EP 03025649 A 20031105; AT 03025649 T 20031105; CA 2450918 A 20031126; DE 10255737 A 20021128; DE 50304728 T 20031105; US 71300403 A 20031117