

Title (en)

CIRCUIT ARRANGEMENT FOR OPERATING GAS DISCHARGE LAMPS WITH A PERIODIC ALTERNATING LAMP CURRENT

Publication

EP 0201973 B1 19900307 (DE)

Application

EP 86200792 A 19860505

Priority

DE 3517248 A 19850513

Abstract (en)

[origin: US4888524A] A circuit arrangement for operating at least one gas discharge lamp (5) with a periodically varying lamp current and adapted for connection to an alternating voltage source with a period N. The circuit is provided with a controlled semiconductor switch (3) and a control circuit for switching the controlled semiconductor switch with a switching period S in dependence upon a comparison between an actual signal proportional to the lamp current and a nominal signal derived from a voltage across the switching transistor (3).

IPC 1-7

H05B 41/29

IPC 8 full level

H05B 41/24 (2006.01); **H05B 41/288** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP US)

H05B 41/288 (2013.01 - EP US); **H05B 41/392** (2013.01 - EP US)

Cited by

GB2245779A; GB2245779B

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0201973 A1 19861120; **EP 0201973 B1 19900307**; DE 3517248 A1 19861113; DE 3669429 D1 19900412; JP S61260598 A 19861118; US 4888524 A 19891219

DOCDB simple family (application)

EP 86200792 A 19860505; DE 3517248 A 19850513; DE 3669429 T 19860505; JP 10778786 A 19860513; US 15808288 A 19880216