

Title (en)

CIRCUIT ARRANGEMENT FOR OPERATING A GAS DISCHARGE LAMP.

Title (de)

SCHALTUNGSANORDNUNG ZUM BETRIEB EINER GASENTLADUNGSLAMPE.

Title (fr)

AGENCEMENT DE CIRCUIT POUR LE FONCTIONNEMENT D'UNE LAMPE A DECHARGE GAZEUSE.

Publication

**EP 0489747 B1 19951108 (DE)**

Application

**EP 90911282 A 19900804**

Priority

- DE 9000600 W 19900804
- DE 3929029 A 19890901

Abstract (en)

[origin: DE3929029A1] The proposal is for a circuit arrangement for operating a gas discharge lamp (1) in which the high voltage to strike the gas discharge lamp is generated via the energy stored in a transformer (7) or capacitor. To ensure a steep rise in the ignition voltage, it is fed to the gas discharge lamp via a voltage-controlled switch (5). It is proposed that the voltage-controlled switch (5) takes the form of a tumbler diode which has very short switching times. The ignition circuit is switched off after ignition. This circuit arrangement is especially suitable for striking gas discharge lamps which are still warm from operation. It is therefore particularly suitable for motor vehicle headlamps.

IPC 1-7

**H05B 41/04**

IPC 8 full level

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CPC (source: EP KR US)

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DOCDB simple family (publication)

**DE 3929029 A1 19910307**; AU 6052890 A 19910408; AU 630487 B2 19921029; BR 9007620 A 19920707; CS 407490 A3 19920115; CZ 281990 B6 19970416; DE 59009861 D1 19951214; EP 0489747 A1 19920617; EP 0489747 B1 19951108; ES 2080150 T3 19960201; JP H05500727 A 19930212; KR 920704546 A 19921219; US 5367227 A 19941122; WO 9103919 A1 19910321

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