

Title (en)

Process and circuit for starting fluorescent lamps at a given temperature of the preheating electrodes.

Title (de)

Verfahren und Schaltungsanordnung zum Zünden von Leuchtstofflampen bei vorbestimmter Temperatur der Lampenkathoden.

Title (fr)

Procédé et circuit d'amorçage de lampes fluorescentes lorsque les électrodes de préchauffage ont atteint une température donnée.

Publication

**EP 0594880 A1 19940504 (DE)**

Application

**EP 92118404 A 19921028**

Priority

EP 92118404 A 19921028

Abstract (en)

For determining the effective cathode temperature of a lamp during the preheating phase, the resistance of the lamp cathode is measured. The lamp is started only when the temperature has reached for example 600°C. As a result, the service life of lamps can be increased considerably.

Abstract (de)

Zur Ermittlung der effektiven Lampenkathodentemperatur während der Vorheizphase wird der Widerstand der Lampenkathode gemessen. Eine Zündung der Lampe erfolgt erst, wenn die Temperatur z.B. 600 °C erreicht hat. Dadurch kann die Lebensdauer von Lampen wesentlich erhöht werden.

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IPC 8 full level

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CPC (source: EP US)

**H05B 41/046** (2013.01 - EP US); **H05B 41/295** (2013.01 - EP US)

Citation (search report)

- [X] EP 0471332 A1 19920219 - DIEHL GMBH & CO [DE]
- [A] DE 3508431 A1 19860911 - KREUTZER OTTO [DE]

Cited by

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