

Title (en)

Feeding device for a discharge lamp with preheating circuit.

Title (de)

Speisungsvorrichtung für eine Entladungslampe mit Vorheizungskreis.

Title (fr)

Dispositif d'alimentation de lampe à décharge à circuit de préchauffage.

Publication

EP 0028986 A1 19810520 (FR)

Application

EP 80401607 A 19801112

Priority

FR 7927835 A 19791112

Abstract (en)

1. Device for providing power to a discharge lamp and particularly to a fluorescent tube, comprising a source of AC electrical current (31) which feeds a transformer delivering, on a first secondary winding (33) a high voltage for maintaining an arc in the tube and, on second secondary windings (34, 35), voltages for pre-heating the electrodes, and switching means comprising a thermistor having a positive temperature coefficient, which shortcircuit the first winding (33) until a delay has expired from the application of voltage to the device, characterized in that said thermistor is located in series with a voltage threshold element (38).

Abstract (fr)

L'invention est relative à un dispositif d'alimentation de lampe à décharge, dispositif comprenant une source de courant alternatif (31) qui alimente un primaire (32) commun à deux transformateurs. Des moyens de commutation sont prévus pour limiter la durée de l'application du courant de préchauffage, ces moyens de commutation reliant les deux bornes du secondaire 33 du premier transformateur.

IPC 1-7

H05B 41/232

IPC 8 full level

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CPC (source: EP)

H05B 41/04 (2013.01)

Citation (search report)

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- FR 2266421 A1 19751024 - KNOBEL ELEKTRO APP [CH]
- FR 1588431 A 19700410
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