

Title (en)

Circuit for operating a discharge lamp

Title (de)

Schaltungsanordnung zum Betrieb einer Entladungslampe

Title (fr)

Circuit pour alimenter une lampe à décharge

Publication

EP 0727921 A3 19980527 (DE)

Application

EP 96101834 A 19960208

Priority

DE 19505460 A 19950217

Abstract (en)

[origin: EP0727921A2] The gas-discharge tube (LP) with e.g. its preheater (VH) is connected to the output of a generator (G) of AC at a predetermined high frequency from the mains supply. A control input of the generator is connected to a switch-off device (AV) producing a signal (CS1) when activated by the detector (VE) of the peak-to-peak voltage across the lamp. The output (UA) of the detector is proportional to the detected peak-to-peak voltage. When this output exceeds a threshold value the generator is switched off.

IPC 1-7

H05B 41/29

IPC 8 full level

H05B 41/298 (2006.01)

CPC (source: EP)

H05B 41/2985 (2013.01)

Citation (search report)

- [XY] US 5023516 A 19910611 - ITO KAZUHIKO [JP], et al
- [Y] EP 0564895 A1 19931013 - STARKSTROM ELEKTRONIK AG [CH]
- [L] EP 0776148 A1 19970528 - HELVAR OY [FI]

Cited by

US6054013A; DE19715341C1; US6043612A; EP0843505A1; WO0169986A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0727921 A2 19960821; EP 0727921 A3 19980527; EP 0727921 B1 20010425; AT E200842 T1 20010515; DE 19505460 A1 19960822; DE 59606813 D1 20010531; FI 113736 B 20040531; FI 960659 A0 19960214; FI 960659 A 19960818

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