

Title (en)

CIRCUIT ARRANGEMENT FOR A DISCHARGE LAMP

Publication

EP 0082253 A3 19840111 (DE)

Application

EP 82108720 A 19820921

Priority

DE 3149993 A 19811217

Abstract (en)

[origin: EP0082253A2] 1. Circuit arrangement for a discharge lamp which, in power-system operation, can be operated via a ballast from an alternating-voltage supply system and, in emergency power operation, can be supplied from a battery via an inverter, characterized in that a coil with a ferrite core (2) is arranged in series with the ballast (5), which coil is designed by means of its winding in such a manner that it operates in its saturation region during operation with low-frequency power-system current and in the linear region of its magnetization curve during operation with higher-frequency emergency power.

IPC 1-7

H05B 41/391; H05B 41/16

IPC 8 full level

H05B 41/16 (2006.01)

CPC (source: EP)

H05B 41/16 (2013.01)

Citation (search report)

- US 3599037 A 19710810 - GRACE ROBERT E
- [AD] C.H. STURM "Vorschaltgerate und Schaltungen fur Niederspannungs--Entladungslampen", 5th Edition, 1974, VERLAG W. GIRARDET, Essen, Brown, Boverie & CIE. AG. Mannheim Seiten 160,164,338,554

Cited by

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Designated contracting state (EPC)

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