

Title (en)

Method for extending the life of energy saving fluorescent lamps and their ballasts and lamp and/or ballast therefore

Title (de)

Verfahren zur Erhöhung der Lebensdauer von Sparleuchtstofflampen und deren Vorschaltgeräten und Lampe bzw.Vorschaltgerät hierfür

Title (fr)

Méthode pour prolonger la durée de vie de lampes fluorescentes à basse énergieet leur ballasts,et lampe et/ou ballast pour ceci

Publication

EP 0757416 A3 19970502 (DE)

Application

EP 96117897 A 19961108

Priority

EP 96117897 A 19961108

Abstract (en)

[origin: EP0757416A2] The top surface Ä1Ü of the fluorescent lamp starter circuit module Ä3Ü has a heat reflecting cover Ä5Ü such that when the light unit Ä7Ü is inserted in the socket any heat generated ÄQÜ by the unit is reflected from the surface. Alternatively the lighting unit may have the connector section Ä9Ü covered by thermal shielding material. A third version has spacers set on the surface of the starter housing to ensure that a gap exists between the housing and the connector.

IPC 1-7

H01R 33/00

IPC 8 full level

H01J 61/04 (2006.01); **H01J 61/56** (2006.01); **H01R 33/08** (2006.01)

CPC (source: EP)

H01J 61/045 (2013.01); **H01J 61/56** (2013.01); **H01R 33/0809** (2013.01); **H01J 61/327** (2013.01); **H01J 61/70** (2013.01)

Citation (search report)

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- [X] US 4490649 A 19841225 - WANG HSIN-PANG [US]
- [X] GB 2152279 A 19850731 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH
- [A] GB 2237456 A 19910501 - LAZLO LIMITED [HK]
- [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 357 (E - 662) 26 September 1988 (1988-09-26)
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 255 (E - 433) 2 September 1986 (1986-09-02)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 511 (E - 1432) 14 September 1993 (1993-09-14)

Cited by

DE20020546U1; CH704765A1; WO2012130660A1

Designated contracting state (EPC)

CH LI

DOCDB simple family (publication)

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