

Title (en)

Electrodeless lamp.

Title (de)

Elektrodenlose Lampe.

Title (fr)

Lampe sans électrode.

Publication

EP 0660376 A2 19950628 (EN)

Application

EP 94309544 A 19941220

Priority

- GB 9326123 A 19931222
- US 22086294 A 19940331

Abstract (en)

An electrodeless lamp (e.g., an electrodeless fluorescent lamp) includes a dielectric housing shaped to conform to a portion of a lamp envelope, which housed portion is opposite to a portion through which light is emitted. The dielectric housing includes a continuous conductor, i.e., a shorted turn, situated between the dielectric housing and the lamp envelope which conforms to at least a portion of the dielectric housing. The configuration of the shorted turn, in terms of the location and amount of surface area occupied thereby, is optimized to minimize interaction between the excitation coil and any metallic fixture and to avoid interfering with lamp starting and light output. <IMAGE>

IPC 1-7

H01J 65/04

IPC 8 full level

F21V 19/00 (2006.01); **H01J 61/04** (2006.01); **H01J 61/30** (2006.01); **H01J 61/35** (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP)

H01J 61/04 (2013.01); **H01J 61/30** (2013.01); **H01J 61/35** (2013.01); **H01J 65/048** (2013.01); **H01J 61/56** (2013.01)

Cited by

EP1253615A3; DE29519182U1; EP1780768A4; US5959405A; WO9820519A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0660376 A2 19950628; **EP 0660376 A3 19961127**; **EP 0660376 B1 19990324**; DE 69417379 D1 19990429; DE 69417379 T2 19991014; JP H07262972 A 19951013

DOCDB simple family (application)

EP 94309544 A 19941220; DE 69417379 T 19941220; JP 33609194 A 19941222