

Title (en)
Electrodeless lamp

Title (de)
Elektrodenlose Lampe

Title (fr)
Lampe sans électrode

Publication
EP 0660376 B1 19990324 (EN)

Application
EP 94309544 A 19941220

Priority
• GB 9326123 A 19931222
• US 22086294 A 19940331

Abstract (en)
[origin: EP0660376A2] 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)

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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
DE29519182U1; EP1253615A3; US5959405A; EP1780768A4; WO9820519A1

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DE FR GB IT NL

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