

Title (en)

Rare gaseous discharge lamp, lighting circuit, and lighting device

Title (de)

Edelgasgefüllte Entladungslampe, Leuchtschaltung und Leuchtvorrichtung

Title (fr)

Lampe à décharge à gaz rare, circuit d'éclairage et dispositif d'éclairage

Publication

EP 0948030 A2 19991006 (EN)

Application

EP 99302495 A 19990330

Priority

- JP 8473798 A 19980330
- JP 18272998 A 19980629
- JP 21395598 A 19980729
- JP 21634798 A 19980731
- JP 1103199 A 19990119

Abstract (en)

A rare gaseous discharge lamp arrangement that takes into account the electrostatic capacity of the lamp structure. It's discharge vessel has an outside diameter D mm, thickness t mm, and dielectric constant ϵ and satisfies the relation $D > 2t\epsilon$. The lamp has at least a pair of electrodes, at least one of which is external. <IMAGE>

IPC 1-7

H01J 65/00; **H01J 65/04**; **H01J 61/30**

IPC 8 full level

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

CPC (source: EP)

H01J 61/30 (2013.01); **H01J 65/00** (2013.01); **H01J 65/042** (2013.01)

Cited by

US7619361B2; EP1498932A4; DE102009059705A1; US7495376B2; US7276851B2; US8482201B2

Designated contracting state (EPC)

FR

DOCDB simple family (publication)

EP 0948030 A2 19991006; **EP 0948030 A3 19991229**

DOCDB simple family (application)

EP 99302495 A 19990330