

Title (en)
FLUORESCENT LAMP

Title (de)
LEUCHTSTOFFLAMPE

Title (fr)
LAMPE FLUORESCENTE

Publication
EP 0922297 A1 19990616 (DE)

Application
EP 98931925 A 19980416

Priority
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Abstract (en)
[origin: US6097155A] PCT No. PCT/DE98/01061 Sec. 371 Date Dec. 18, 1998 Sec. 102(e) Date Dec. 18, 1998 PCT Filed Apr. 16, 1998 PCT Pub. No. WO98/49712 PCT Pub. Date Nov. 5, 1998A fluorescent lamp (1) having a tubular discharge vessel (2), filled with inert gas, and a fluorescent layer (6) has elongated electrodes (3; 4; 12; 14a-14d) arranged parallel to the longitudinal axis of the tubular discharge vessel (2), at least one electrode (4; 12; 14a-14d) being arranged on the inner wall of the discharge vessel (2). The tubular discharge vessel (2) is sealed in a gas-tight fashion at one or at both ends with a stopper (8) and by means of solder (9), the at least one inner wall electrode (4) being guided to the outside in a gas-tight fashion through the solder (9). Alternatively or also in addition, at least one electrode (16) is arranged inside the wall of the discharge vessel (2). Up to a maximum of the entire inside diameter can be used as striking distance, depending on the positioning of the associated counterelectrode(s). High luminous densities are achieved because of the large and, at the same time, constant striking distance along the discharge tube. The lamp is provided for a pulsed, dielectrically impeded discharge.

IPC 1-7
H01J 61/78; H01J 61/80; H01J 61/067; H01J 61/36

IPC 8 full level
H01J 61/067 (2006.01); **H01J 61/36** (2006.01); **H01J 61/78** (2006.01); **H01J 61/80** (2006.01); **H01J 65/04** (2006.01)

CPC (source: EP KR US)
H01J 61/78 (2013.01 - EP KR US); **H01J 61/80** (2013.01 - EP KR US); **H01J 65/046** (2013.01 - EP US); **H01J 61/0672** (2013.01 - EP US); **H01J 61/36** (2013.01 - EP US); **Y10S 315/01** (2013.01 - EP US)

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US 6097155 A 20000801; AT E214201 T1 20020315; CA 2259365 A1 19981105; CA 2259365 C 20070109; CN 1165959 C 20040908; CN 1225748 A 19990811; DE 19718395 C1 19981029; DE 59803262 D1 20020411; EP 0922297 A1 19990616; EP 0922297 B1 20020306; ES 2174454 T3 20021101; HU P0100194 A2 20010528; HU P0100194 A3 20010628; JP 2000513872 A 20001017; KR 100375616 B1 20030418; KR 20000022412 A 20000425; TW 419704 B 20010121; WO 9849712 A1 19981105

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