

Title (en)

FLUORESCENT LAMP WITH SPACERS AND LOCALLY REDUCED LUMINESCENT MATERIAL LAYER THICKNESS

Title (de)

LEUCHTSTOFFLAMPE MIT ABSTANDSHALTERN UND LOKAL VERDÜNNTER LEUCHTSTOFFSCHICHTDICKE

Title (fr)

TUBE FLUORESCENT COMPORTANT DES ELEMENTS D'ECARTEMENT ET PRESENTANT UNE EPAISSEUR DE COUCHE DE LA SUBSTANCE FLUORESCENTE LOCALEMENT REDUITE

Publication

**EP 0990259 B1 20040630 (DE)**

Application

**EP 99945732 A 19990409**

Priority

- DE 9901093 W 19990409
- DE 19817476 A 19980420

Abstract (en)

[origin: US6249079B1] A description is given of a fluorescent lamp having spacers 6 for supporting a wall 2 of the discharge vessel, the fluorescent layer 3 having (8) a reduced thickness in a surrounding region of the spacer 6.

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP KR US)

**H01J 61/30** (2013.01 - EP KR US); **H01J 65/00** (2013.01 - EP US); **H01J 65/046** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

**US 6249079 B1 20010619**; CA 2295161 A1 19991028; CA 2295161 C 20070724; DE 19817476 A1 19991104; DE 19817476 B4 20040325; DE 59909844 D1 20040805; EP 0990259 A1 20000405; EP 0990259 B1 20040630; HU 224261 B1 20050728; HU P0003837 A2 20010228; HU P0003837 A3 20030228; JP 2000513497 A 20001010; JP 3437185 B2 20030818; KR 100351341 B1 20020905; KR 20010013925 A 20010226; TW 416081 B 20001221; WO 9954914 A1 19991028

DOCDB simple family (application)

**US 44601499 A 19991216**; CA 2295161 A 19990409; DE 19817476 A 19980420; DE 59909844 T 19990409; DE 9901093 W 19990409; EP 99945732 A 19990409; HU P0003837 A 19990409; JP 55230199 A 19990409; KR 19997011947 A 19991217; TW 88105936 A 19990414