

Title (en)
BULB TYPE FLUORESCENT LAMP

Title (de)
KOLBENARTIGE FLUORESZENZLAMPE

Title (fr)
LAMPE FLUORESCENTE À AMPOULE

Publication
EP 1873443 A4 20090617 (EN)

Application
EP 06731791 A 20060413

Priority
• JP 2006307855 W 20060413
• JP 2005120540 A 20050419

Abstract (en)
[origin: EP1873443A1] A bulb type fluorescent lamp in which the temperature at a coolest point can be lowered regardless of vertical orientation of a light emitting tube and stabilized output is attained at the time of normal lighting. The bulb type fluorescent lamp (1) encapsulating mercury comprises a light emitting tube (2), a ballast (3) for lighting the light emitting tube (2), a plate (8) having one side for holding the light emitting tube (2) and the other side being fixed with the ballast (3), a housing (4) having a base (5) and containing the ballast (3), and an outer tube globe (6) covering the light emitting tube (2). The bulb type fluorescent lamp (1), characterized in that provided are a protrusion (2a) formed at the distal end (7a) on the side opposite to the base (5) of the light emitting tube (2) and becoming the coolest point when the light emitting tube (2) is lighted while directing the base (5) upward, and an exhaust pipe (7) extending from the light emitting tube (2) into the housing (4) while penetrating the plate (8) in order to exhaust the interior of the light emitting tube (2) and having the tip end (7a) becoming the coolest point when the light emitting tube (2) is lighted while directing the base (5) downward.

IPC 8 full level
F21S 2/00 (2006.01); **F21V 23/00** (2006.01); **H01J 61/30** (2006.01); **F21Y 103/37** (2016.01)

CPC (source: EP)
H01J 61/33 (2013.01); **H01J 61/327** (2013.01)

Citation (search report)
• [X] US 5769530 A 19980623 - BIRO ATTILA [HU], et al
• [A] US 2004232815 A1 20041125 - TOMIYOSHI YASUSHIGE [JP], et al
• [PX] US 2005265018 A1 20051201 - YASUDA TAKEO [JP], et al
• [A] JP 2004146331 A 20040520 - TOSHIBA LIGHTING & TECHNOLOGY
• [A] EP 1469506 A2 20041020 - GEN ELECTRIC [US]
• [A] US 2004207326 A1 20041021 - BAJNOK JANOS [HU], et al
• See references of WO 2006115076A1

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1873443 A1 20080102; EP 1873443 A4 20090617; JP 2006302589 A 20061102; WO 2006115076 A1 20061102

DOCDB simple family (application)
EP 06731791 A 20060413; JP 2005120540 A 20050419; JP 2006307855 W 20060413