

Title (en)
COMPACT-TYPE FLUORESCENT LAMP

Title (de)
KOMPAKTE FLUORESZIERENDE LEUCHTE

Title (fr)
LAMPE FLUORESCENTE DE TYPE COMPACT

Publication
EP 2117031 A1 20091111 (EN)

Application
EP 08711981 A 20080226

Priority

- JP 2008053257 W 20080226
- JP 2007049082 A 20070228
- JP 2007048672 A 20070228

Abstract (en)
It is an object to provide a compact-type fluorescent lamp having eight or more tubes using liquid mercury in which a part serving as a coldest point which is at about 50 °C upon lighting is created in a luminous tube distal end portion, and the temperature in the vicinity of a base can be reduced. In a compact-type fluorescent lamp in which a luminous tube is composed of eight or more U-shaped tubes and the mercury vapor pressure is not regulated, the cross section of a vertex portion of at least one of the U-shaped tubes has a shape in which a wide portion is present near a diverging portion of the U-shaped tube, and the shape is tapered from the wide portion toward a distal end portion of the vertex portion; a tube axial-direction inner size L1 of the vertex portion meets the expression, $11 \leq L1 \leq 17$ unit is mm and a tube axial-direction size L2 from the wide portion in the vicinity of the diverging portion of the U-shaped tube to the distal end portion of the vertex portion meets the expression, $L2 \leq 7$ unit is mm

IPC 8 full level
H01J 61/32 (2006.01); **H01J 5/50** (2006.01); **H01J 61/30** (2006.01)

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

Citation (search report)
See references of WO 2008105394A1

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