

Title (en)

Fluorescent lamp.

Title (de)

Fluoreszentlampe.

Title (fr)

Lampe fluorescente.

Publication

**EP 0618608 A1 19941005 (EN)**

Application

**EP 94302234 A 19940329**

Priority

JP 7467493 A 19930331

Abstract (en)

There is disclosed a fluorescent lamp comprising:- a bulb (1) of glass containing more than 15% of sodium (Na); a mercury (Hg) vapour sealed in the bulb (1); a fluorescent layer (12) formed inside an inner surface of the bulb (1), the fluorescent layer (12) comprising a fluorescent material including a rare earth fluorescent material; and a protection layer (11) formed between the inner surface of the bulb (1) and the fluorescent layer (12), the protection layer (11) having a thickness of from 0.2  $\mu$ m to 1.5  $\mu$ m and comprising fine grains of a metal oxide which absorbs ultraviolet rays and thus prevents or slows down any decrease in lighting efficiency of the lamp. <IMAGE>

IPC 1-7

**H01J 61/40**; **H01J 61/35**

IPC 8 full level

**H01J 61/35** (2006.01); **H01J 61/40** (2006.01)

CPC (source: EP KR)

**H01J 61/35** (2013.01 - EP); **H01J 61/40** (2013.01 - EP KR)

Citation (search report)

- [A] EP 0449307 A2 19911002 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
- [A] US 3141990 A 19640721 - RAY JOHN G
- [A] US 3748518 A 19730724 - LEWIS D
- [A] US 4289991 A 19810915 - SCHREURS WILLY P

Cited by

EP1524683A3; KR100323035B1; US6919679B2; WO2007034997A3

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0618608 A1 19941005**; KR 940022673 A 19941021

DOCDB simple family (application)

**EP 94302234 A 19940329**; KR 19940006313 A 19940329