

Title (en)

Self-ballasted fluorescent lamp and illumination apparatus

Title (de)

Kompakt-Leuchtstofflampe und Beleuchtungsvorrichtung

Title (fr)

Lampe fluorescente avec ballast incorporé et luminaire associé

Publication

**EP 2105947 A3 20091230 (EN)**

Application

**EP 09250518 A 20090226**

Priority

- JP 2008049411 A 20080229
- JP 2008073643 A 20080321
- JP 2008197510 A 20080731

Abstract (en)

[origin: EP2105947A2] The present invention provides a self-ballasted fluorescent lamp L1 which can prevent deterioration of a synthetic-resin globe 6. In the other end side of a cover 2 having a ferrule 1 at one end of the cover 2, a light-emitting tube 4 is arranged and a globe 6 housing the light-emitting tube 4 is attached. The globe 6 is formed with a translucent synthetic resin added to an ultraviolet absorber. A lighting device 5 is housed in the cover 2. The light-emitting tube 4 has a bulb 4d provided with a pair of electrodes 4q, 4r at both ends. An ultraviolet absorbing film 4n is formed on an inner wall surface 4d-1 of the bulb 4d, and a phosphor layer 4m is formed on the ultraviolet absorbing film 4n.

IPC 8 full level

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CPC (source: EP)

**H01J 9/266** (2013.01); **H01J 61/327** (2013.01); **H01J 61/34** (2013.01); **H01J 61/35** (2013.01)

Citation (search report)

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- [A] JP 2006100107 A 20060413 - HITACHI LIGHTING LTD
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Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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