

Title (en)

Lighting device and lamp and lighting apparatus

Title (de)

Beleuchtungsvorrichtung und Lampe und Beleuchtungseinrichtung

Title (fr)

Dispositif d'éclairage, lampe et appareil d'éclairage

Publication

EP 2767755 A1 20140820 (EN)

Application

EP 13183317 A 20130906

Priority

JP 2013027469 A 20130215

Abstract (en)

According to one embodiment, a lamp includes a lamp main body having a radiation opening on one end side and a base on the other end side, and a luminous body which is provided in the lamp main body so that radiated light of a semiconductor light emitting element is emitted from the radiation opening. In addition, the lamp further includes a lighting unit which is accommodated on the other end side of the lamp main body, and turns on the semiconductor light emitting element; a cylindrical reflecting body which reflects the radiated light of the semiconductor light emitting element, and emits from an emission port to the radiation opening side; and a light-transmissive cover which is attached to the one end side of the lamp main body so as to cover the radiation opening. In addition, the lamp further includes a filter which is formed in a light-transmissive plate shape, is mixed with a color rendering agent, includes a planar portion facing the emission port, and an rugged portion in a region on the outer peripheral side of the planar portion, and is provided between the reflecting body and the cover.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- JP 2011253787 A 20111215 - TOSHIBA LIGHTING & TECHNOLOGY
- JP 2010186725 A 20100826 - MITSUBISHI ELECTRIC CORP, et al

Citation (search report)

- [Y] WO 2012049835 A1 20120419 - PANASONIC CORP [JP], et al & US 2013170221 A1 20130704 - ISOGAI TOSHIKI [JP], et al
- [Y] US 2012075870 A1 20120329 - KAYANUMA YASUAKI [JP], et al
- [Y] US 2006056185 A1 20060316 - MORINO TAKESHI [JP], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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