

Title (en)

Energy efficient high intensity reflector lamp

Title (de)

Energieeffiziente Reflektorlampe mit hoher Intensität

Title (fr)

Lampe à réflecteur à haute intensité et écoénergétique

Publication

**EP 2910852 B1 20160720 (EN)**

Application

**EP 14156253 A 20140221**

Priority

EP 14156253 A 20140221

Abstract (en)

[origin: EP2910852A1] An energy efficient high intensity reflector lamp is revealed. The reflector lamp includes an integrally formed aluminum shade (10) disposed with heat dissipation fins, a round plate (20) arranged with a light emitting diode LED light, a reflector (30) installed on top of the shade, a housing (40) disposed with inclined locking blocks and stopping strips, and an electronic device. The shade includes a circular groove, at least one stopping slot and a mounting portion. The round plate is riveted on the mounting portion (15) of the shade. The housing is fixed on the shade by the stopping strips (42) mounted in the stopping slot and the inclined locking blocks (42) locked into the circular groove. The electronic device includes a main circuit board (51) and at least one secondary circuit board (52) disposed perpendicularly to each other. Thus total volume is reduced and heat dissipation is enhanced after the electronic device being mounted in the housing.

IPC 8 full level

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CPC (source: EP US)

**F21K 9/233** (2016.07 - EP US); **F21K 9/238** (2016.07 - EP US); **F21V 17/104** (2013.01 - EP); **F21V 17/164** (2013.01 - EP); **F21V 23/006** (2013.01 - EP US); **F21V 23/009** (2013.01 - EP US); **F21V 29/773** (2015.01 - EP); **F21V 29/83** (2015.01 - EP); **F21V 29/87** (2015.01 - EP); **F21V 17/12** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

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**EP 2910852 A1 20150826**; **EP 2910852 B1 20160720**; DK 2910852 T3 20161114

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