

Title (en)
LED lamp having higher efficiency

Title (de)
LED-Lampe mit höherer Effizienz

Title (fr)
Lampe à Del à efficacité améliorée

Publication
EP 2105659 A1 20090930 (EN)

Application
EP 08251105 A 20080327

Priority
EP 08251105 A 20080327

Abstract (en)
An LED lamp includes a heatsink housing (4), a heatsink plate (2) mounted on the heatsink housing, an LED module (1) mounted on the heatsink plate, and a circuit board (3) mounted in the heatsink housing and electrically connected to the LED module. Thus, when the LED module is operated, the heat produced by the LED module is transferred by a heat conduction of the heatsink plate and by a heat convection between the heatsink plate and the heatsink housing, so that the heat produced by the LED module is carried away exactly and quickly, thereby enhancing the heat dissipation effect of the LED module.

IPC 8 full level
F21V 29/00 (2006.01)

CPC (source: EP US)
F21K 9/23 (2016.07 - EP US); **F21K 9/238** (2016.07 - EP US); **F21V 3/02** (2013.01 - EP US); **F21V 23/006** (2013.01 - EP US); **F21V 29/773** (2015.01 - EP); **F21V 29/83** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)
US 2007230188 A1 20071004 - LIN YI MIN [TW]

Citation (search report)
• [X] US 2007230188 A1 20071004 - LIN YI MIN [TW]
• [X] DE 202007009655 U1 20070906 - AEON LIGHTING TECHNOLOGY INC [TW]
• [X] WO 2007069119 A1 20070621 - PHILIPS INTELLECTUAL PROPERTY [DE], et al
• [X] US 2006250800 A1 20061109 - CHANG CHIH-CHIN [TW], et al

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Designated extension state (EPC)
AL BA MK RS

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