

Title (en)
DIE-CASTING LED ENERGY-SAVING LAMP

Title (de)
DRUCKGUSS-LED-ENERGIESPARLAMPE

Title (fr)
LAMPE À DIODE ÉLECTROLUMINESCENTE À BASSE CONSOMMATION MOULÉE SOUS PRESSION

Publication
EP 2546572 A4 20140702 (EN)

Application
EP 10847210 A 20100429

Priority
• CN 201020133242 U 20100310
• CN 2010072330 W 20100429

Abstract (en)
[origin: EP2546572A1] A die-casting LED energy-saving lamp, comprises a lamp mask (1), LED light source components (2), a lamp body (3), an insulated shell (4), a drive power supply (5) and a lamp head (6). A plurality of straight heat radiation fins and heat radiation grooves are uniformly arranged around the external edge of the lamp body (3). A flat-bottom heat-conductive round platform with a groove around it is arranged on the top of the lamp body (3). LED light source components (2) are fixed on the surface of the flat-bottom heat-conductive round platform. The lamp mask (1) is embedded in the groove of the flat-bottom heat-conductive round platform. A column cavity is formed in the center of the heat radiation structure of the lamp body (3). The drive power supply (5) and the insulated shell (4) are inserted into the column cavity after being integratively assembled. The insulated shell (4) is fixed with the bottom of the flat-bottom heat-conductive round platform. The lamp head (6) is fixed on the end of the insulated shell (4) far from the LED light source components (2), and is insulated from and fixed with the metallic lamp body (3).

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Citation (search report)
• [I] JP 2006313727 A 20061116 - TOSHIBA LIGHTING & TECHNOLOGY
• [I] JP 2006313718 A 20061116 - TOSHIBA LIGHTING & TECHNOLOGY
• [A] JP 2009206104 A 20090910 - TOSHIBA LIGHTING & TECHNOLOGY
• [A] JP 2009163954 A 20090723 - SHARP KK
• See references of WO 2011109951A1

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