

Title (en)  
LED LAMP

Title (de)  
LED-LAMPE

Title (fr)  
LAMPE À DEL

Publication  
**EP 2937624 A4 20160622 (EN)**

Application  
**EP 13850606 A 20131008**

Priority  
• JP 2012242002 A 20121101  
• JP 2013077327 W 20131008

Abstract (en)  
[origin: EP2937624A1] The purpose of the present invention is to provide an LED lamp equipped with a novel cooling and heat radiation means. The lamp comprises: a plurality of LED elements (18); a light source support (14) extending along the axial line of a lamp while supporting the LED elements on the lateral surface; and a hermetically sealed glass container (6) surrounding the light source support and sealing in a low molecular weight gas as a cooling gas. The light source support surrounds a cooling gas flow channel along the axial line of the lamp and, in addition to a gas inlet and outlet located on both ends of the light source support, has gas inlets and outlets (26) between both ends.

IPC 8 full level  
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