

Title (en)
LED LAMP

Title (de)
LED-LAMPE

Title (fr)
LAMPE À DEL

Publication
EP 2937624 B1 20170830 (EN)

Application
EP 13850606 A 20131008

Priority
• JP 2012242002 A 20121101
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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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Cited by
CN106989296A; CN108119787A; CN105674226A; CN106641745A; US11022258B2; US9958116B2; WO2019129162A1; WO2018096027A1

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