

Title (en)  
LED LAMP HAVING A COOLING BODY

Title (de)  
LED-LAMPE MIT KÜHLKÖRPER

Title (fr)  
LAMPE À LED COMPORTANT UN CORPS DE REFROIDISSEMENT

Publication  
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Application  
**EP 10771039 A 20100923**

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Abstract (en)  
[origin: WO2011051058A1] The invention relates to an LED lamp (L) comprising a luminous element having at least one LED and a cooling body (K1-K6), characterized in that: the cooling body (K1-K6) is designed such that a plurality of channels (1, 1', 1'', 1''') for evacuation of air heated by an operation of the luminous element are formed and pass through the cooling body, wherein the channels (1, 1', 1'', 1''') are arranged about an axis (A) in a ring shape and wherein the length of at least one channel (1, 1', 1'', 1''') is at least half of the shortest diagonal or transversal in the transverse extension of the corresponding one channel. The assembly and in particular the configuration of the channels (1, 1', 1'', 1''') according to the invention allows for a particularly effective heat evacuation to be achieved.

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