

Title (en)  
DISCHARGE LAMP AND METHOD FOR MANUFACTURING SAME

Title (de)  
ENTLADUNGSLAMPE UND VERFAHREN ZUR HERSTELLUNG DERSELBEN

Title (fr)  
LAMPE À DÉCHARGE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 2919257 A4 20160615 (EN)**

Application  
**EP 13852720 A 20130809**

Priority  
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Abstract (en)  
[origin: EP2919257A1] According to one embodiment, there is provided a discharge lamp including a metal foil 31 including a first surface and a second surface located on the front and the back and an electrode 32 connected to the metal foil 31. A welding mark 36 is formed such that the first surface and at least a part of the electrode 32 overlap each other. The welding mark 36 has an elliptical shape long in the axial direction of the electrode 32 when viewed from a second surface side 312. A ratio  $L1/L2$  of a first length  $L1$  in the axial direction and a second length  $L2$  in a direction orthogonal to the axial direction is in a relation of  $1.08 \leq L1/L2 \leq 1.56$ . Consequently, a discharge lamp excellent in joining strength and a manufacturing method for the discharge lamp are provided.

IPC 8 full level  
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• [A] US 2006208640 A1 20060921 - MITTLER BODO [DE]  
• [A] DE 202010001373 U1 20100401 - OSRAM GMBH [DE]  
• [A] EP 2442352 A2 20120418 - KOITO MFG CO LTD [JP]  
• [A] JP H06190575 A 19940712 - MITSUI PETROCHEMICAL IND  
• See references of WO 2014073253A1

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