

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

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Application
EP 13852720 A 20130809

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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.

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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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