

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

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Application

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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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