

Title (en)

Single ended metal halide discharge lamps and process of manufacture.

Title (de)

Einseitig mit Elektroden versehene Metallhalogenid-Entladungslampen und Verfahren zur Herstellung.

Title (fr)

Lampes à décharge aux halogénures avec des électrodes à un côté et procédé de fabrication.

Publication

EP 0128551 A1 19841219 (EN)

Application

EP 84106567 A 19840608

Priority

US 50277483 A 19830609

Abstract (en)

A single-ended metal halide discharge lamp including a fused silica elliptical-shaped envelope which is filled with a metal halide dosed high pressure mercury fill and wherein a pair of electrodes each having a metal rod with a ball on the end thereof are sealed whereby isothermal operation of the elliptical-shaped envelope is effected. A manufacturing process is also provided wherein an elliptical-shaped envelope is formed, a pair of electrodes having metal rods with a ball on the end thereof are sealed into one end of the envelope, and the envelope is filled with a metal halide dosed high pressure mercury fill.

IPC 1-7

H01J 61/18; **H01J 61/82**

IPC 8 full level

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CPC (source: EP)

H01J 61/30 (2013.01); **H01J 61/827** (2013.01)

Citation (search report)

- DE 3227380 A1 19830210 - GEN ELECTRIC CO PLC [GB]
- DE 3110811 A1 19820211 - GTE PROD CORP [US]
- GB 2013394 A 19790808 - GEN ELECTRIC

Cited by

EP0374678A3; EP0367032A3; CN101882559A; US5936351A; EP0841687A3

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