

Title (en)

PROCESS FOR MANUFACTURING A METAL HALIDE HIGH-PRESSURE DISCHARGE LAMP HAVING A SINGLE PINCH, AND A LAMP MANUFACTURED ACCORDING TO THIS PROCESS

Publication

EP 0219861 B1 19910918 (DE)

Application

EP 86114649 A 19861022

Priority

- DE 3537879 A 19851024
- DE 3537880 A 19851024

Abstract (en)

[origin: US4723092A] To improve the high-voltage flash-over resistance by increasing the lead separation of the lamps, the pinch or press seal is, while the lamp is being made and the lamp tubing is in plastically deformable condition, extended at least is the region adjacent the end of the later formed pinch seal by introducing spreader jaws, either parallel or, at least eventually, in acutely angled relation to each other into the softened end portion, and then spreading apart the jaws so that, at the outer end portions of the jaws, the plastically deformable region will assume an oval shape whose longer dimension is wider than the outer diameter of the tubing in the region which will later form the discharge vessel.

IPC 1-7

H01J 9/32; **H01J 61/36**

IPC 8 full level

H01J 9/32 (2006.01); **H01J 61/36** (2006.01)

CPC (source: EP US)

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Cited by

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