

Title (en)

ELECTRODE ALIGNMENT AND CAPSULE DESIGN FOR SINGLE-ENDED LOW WATTAGE METAL HALIDE LAMPS

Publication

**EP 0156383 A3 19870114 (EN)**

Application

**EP 85103698 A 19850327**

Priority

US 59378084 A 19840327

Abstract (en)

[origin: EP0156383A2] A low wattage single-ended metal halide arc discharge lamp has an isothermal arc chamber with an outer diameter (t) substantially equal to the product of a first constant and the lamp wattage plus a second constant; a fill gas and a pair of electrical conductors sealed into and passing through one end of the arc chamber to provide a pair of electrodes therein having a spacing therebetween of a distance to provide a substantially uniform current for lamps in the range of about 35 to 150 watts.

IPC 1-7

**H01J 61/30**; **H01J 61/82**; **H01J 61/073**

IPC 8 full level

**H01J 61/073** (2006.01); **H01J 61/30** (2006.01); **H01J 61/36** (2006.01); **H01J 61/82** (2006.01); **H01J 61/88** (2006.01)

CPC (source: EP)

**H01J 61/073** (2013.01); **H01J 61/30** (2013.01); **H01J 61/827** (2013.01)

Citation (search report)

- [AD] GB 2072413 A 19810930 - GTE PROD CORP
- [A] GB 2126415 A 19840321 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH
- [A] US 4415829 A 19831115 - ROTHWELL JR HAROLD L [US], et al

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Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**EP 0156383 A2 19851002**; **EP 0156383 A3 19870114**; JP S60232661 A 19851119

DOCDB simple family (application)

**EP 85103698 A 19850327**; JP 5863985 A 19850325