

Title (en)
GAS LAMP AND METHOD OF MANUFACTURE

Publication
EP 0093383 A3 19840718 (EN)

Application
EP 83104091 A 19830426

Priority
US 37403882 A 19820503

Abstract (en)
[origin: EP0093383A2] A new and improved gas-filled lamp and method of manufacturing such a lamp, wherein the usual tip-off region on the glass envelope of the lamp is eliminated. In manufacture of the lamp, the lamp envelope (10, 11, 12) is provided with a coaxial mercury trap (25) at the end of the envelope opposite the gas pumping end (26), the electrodes (15, 16) are inserted, air is pumped out, fill gas is pumped in, the envelope is shrunk down onto the electrode (16) at the pumping end, mercury (21) is tipped into the envelope bulb, and the mercury is held against the remote, colder region of the envelope while shrinking down on the second electrode (15).

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H01J 9/40; **H01J 5/02**

IPC 8 full level
H01J 5/02 (2006.01); **H01J 9/40** (2006.01)

CPC (source: EP)
H01J 5/02 (2013.01); **H01J 9/40** (2013.01)

Citation (search report)
• [Y] FR 1392384 A 19650312 - LAMPES SA
• [Y] DE 642327 C 19370301 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH
• [A] US 3466488 A 19690909 - EVANS WAYNE, et al
• [A] US 2550658 A 19510424 - DYKE WALTER H VAN

Cited by
US8212479B2; KR100735173B1; DE3500022A1; EP0938125A3; CN115582950A; GB2252199A; US5192239A; GB2252199B; WO0137307A3

Designated contracting state (EPC)
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