

Title (en)
LOW PRESSURE METAL VAPOUR DISCHARGE LAMP

Publication
EP 0000842 B1 19821215 (EN)

Application
EP 78300262 A 19780807

Priority
• JP 9504177 A 19770810
• JP 11562277 A 19770928
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Abstract (en)
[origin: EP0037589A2] A low pressure metal vapour discharge lamp having an outer glass envelope (1) defining a closed discharging space an inner glass tube (2) disposed within said envelope (1) and having an open end (2 min) and a closed end, a cathode (4) disposed within said tube (2) and a plurality of anodes (5,5 min) disposed within said envelope (1) outside said tube (2). In order to provide discharge distributed over most of the discharging space, the voltage causing discharge is provided simultaneously to both or all the anodes (5,5 min). through a discharge current shunting device (10). The discharge current is forcibly shunted to all anodes and a plurality of discharge plasmas are generated simultaneously. To prevent flicker, means e.g. notches (6,6 min) in the tube (2), a partition member (1 min ,14,15) or filler material (19) may be provided to fix the locations of the discharge paths to stabilize the plasmas.

IPC 1-7
H01J 61/56; **H01J 61/10**; **H01J 61/92**

IPC 8 full level
H01J 61/10 (2006.01); **H01J 61/92** (2006.01)

CPC (source: EP US)
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Cited by
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EP 0037589 A2 19811014; **EP 0037589 A3 19811230**; **EP 0037589 B1 19851121**; DE 2862125 D1 19830120; EP 0000842 A1 19790221; EP 0000842 B1 19821215; US 4335331 A 19820615; US 4438373 A 19840320

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EP 81102980 A 19780807; DE 2862125 T 19780807; EP 78300262 A 19780807; US 15826480 A 19800610; US 38394482 A 19820601