

Title (en)

METHOD FOR PRODUCING A TWO-SIDED HIGH-PRESSURE DISCHARGE LAMP

Publication

**EP 0374679 A3 19910508 (DE)**

Application

**EP 89122833 A 19891211**

Priority

DE 3842769 A 19881219

Abstract (en)

[origin: EP0374679A2] In the manufacture of a two-sided flattened metal halogenide high-pressure discharge lamp (19) the following process steps are carried out: preforming of the discharge vessel (6) by rolling with N2 dynamic pressure rinse, clamping into a flattening device, introducing the first electro-optical system (7, 8, 9, 10), the power supply (9) being bent in a zig-zag shape and resting on the inner wall of the quartz tube (1) in a self-supporting fashion, manufacture of the first flattened portion (12) with Ar rinse, high-vacuum baking during insertion into the glovebox, filling in the filling substances (14, 15), introducing the second electro-optical system (7, 8, 9, 10), fusing the open tube end tight with a plasma torch, removal from the glovebox, manufacture of the second flattened portion (18) with simultaneous cooling of the discharge vessel (6), removal of the lamp (19) from the flattening device and removal of the projecting ends of the quartz tube as well as, if necessary, of the ends of the power supplies (9). There is no pump tube on the discharge vessel (6). <IMAGE>

IPC 1-7

**H01J 9/24**

IPC 8 full level

**H01J 9/24** (2006.01); **H01J 9/32** (2006.01); **H01J 9/38** (2006.01); **H01J 9/395** (2006.01)

CPC (source: EP)

**H01J 9/247** (2013.01)

Citation (search report)

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