

Title (en)

METHOD AND APPARATUS FOR POSITION ORIENTATION OF A METAL HALIDE LAMP BASE ASSEMBLY

Publication

EP 0228031 B1 19910612 (EN)

Application

EP 86117595 A 19861217

Priority

US 81095385 A 19851219

Abstract (en)

[origin: EP0228031A1] A method and an apparatus for position orienting a base assembly of a metal halide lamp is described for maintaining the curved arc tube in the upward position when the lamp (50) is inserted in a socket. Once the lamp has been fully assembled and sealed a locator structure is attached to the base shell (52) in order to create a base assembly which will properly position the lamp when it is in the socket. The welding apparatus of the present invention resistance welds the locator structure onto the base shell once the locator structure has been aligned approximately 90 degrees counterclockwise from the tip of the curved portion of the arc tube when viewed from the dome end of the lamp. The lamp resulting from the method and use of the apparatus will be more inexpensive and will not have the problems of a loose base or a cracked seal.

IPC 1-7

H01J 5/48; H01J 61/18; H01K 3/16; H01R 43/02

IPC 8 full level

H01J 9/34 (2006.01)

CPC (source: EP)

H01J 9/34 (2013.01)

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0228031 A1 19870708; EP 0228031 B1 19910612; CA 1281766 C 19910319; DE 3679795 D1 19910718

DOCDB simple family (application)

EP 86117595 A 19861217; CA 524029 A 19861127; DE 3679795 T 19861217