

Title (en)

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

Publication

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Application

**EP 86117595 A 19861217**

Priority

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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.

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