

Title (en)

Method of making a ceramic arc tube for metal halide lamps

Title (de)

Verfahren zur Herstellung eines keramischen Bogenröhres für Metallhalogenidlampen

Title (fr)

Procédé de fabrication d'un tube d'arc en céramique pour lampes à halogénures métalliques

Publication

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Application

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Priority

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Abstract (en)

A method of making a ceramic arc tube for a metal halide lamp comprises the steps of forming as an integral unit a hollow body having one open end and a substantially closed end. The substantially closed end includes an outwardly extending capillary tube having an electrode receiving aperture therein that communicates with the hollow body. An end cap is then formed for closing the open end. The end cap comprises an annular portion and an extending capillary tube. The end cap is fitted into the open end of the hollow body to form a pre-assembly. The pre-assembly is then fired to seal the end cap to the hollow body to form an assembly and the assembly is subsequently fired to sinter the same. <IMAGE>

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Citation (search report)

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