

Title (en)
LIGHT SOURCE AND METHOD FOR PRODUCING A LIGHT SOURCE

Title (de)
LICHTQUELLE UND VERFAHREN ZUR HERSTELLUNG EINER LICHTQUELLE

Title (fr)
SOURCE LUMINEUSE ET PROCEDE DE FABRICATION DE LADITE SOURCE

Publication
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Application
EP 00929241 A 20000324

Priority
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Abstract (en)
[origin: WO0115207A1] Light source, in particular a light bulb, comprising a bulb (1), a filament (2) located in the bulb (1) and a heating device (3) for the filament, whereby said filament emits both visible light and thermal radiation. In view of the high conversion efficiency between the supplied electrical power and the emitted light output, the light source is configured in such a way that the filament (2) has a flat section (4). A light source of this type can be produced by a method, in which a filament (2) is first manufactured from sintered powdered metal. Then the filament (2) is exposed to a carbon-dioxide or a carbon-dioxide and noble gas atmosphere, to form a metal-carbide. Finally, the filament (2) is sealed into the bulb (1).

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