

Title (en)

LIGHT SOURCE AND METHOD FOR MECHANICALLY STABILIZING THE FILAMENT OR ELECTRODE OF A LIGHT SOURCE

Title (de)

LICHTQUELLE UND EIN VERFAHREN ZUR MECHANISCHEN STABILISIERUNG DES FILAMENTS ODER DER ELEKTRODE EINER LICHTQUELLE

Title (fr)

SOURCE DE LUMIERE ET PROCEDE DE STABILISATION MECANIQUE DU FILAMENT OU DE L'ELECTRODE D'UNE SOURCE DE LUMIERE

Publication

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Application

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Abstract (en)

[origin: WO2006007816A2] A light source comprising a heatable filament (1) or an electrode, wherein the filament (1) or the electrode is arranged in a lamp (2) or in a tube. In order to use the light source in a wide variety of manners even in rough conditions, the filament (1) or the electrode is provided at least partially with a mechanical stabilization system. The invention also relates to a method for mechanical stabilization of the filament (1) or electrode of a light source, wherein stabilization is produced by exposing the filament (1) or electrode to a short pulsed gas pressure increase, involving a rare gas, during heating or stabilization is formed by a coating or deposition (4).

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