

Title (en)
GLOW-DISCHARGE LAMP

Title (de)
GASENTLADUNGSLAMPE

Title (fr)
LAMPE A DECHARGE LUMINESCENTE

Publication
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Application
EP 13736553 A 20130710

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Abstract (en)
[origin: WO2014009414A1] The invention relates to a glow-discharge lamp comprising: an elongate casing (1) transparent to illuminating radiation and containing a plasma gas (2); a device for applying an electric field for maintaining a plasma in the so-called positive column region (R2) of the casing, said device comprising two electrodes (E1, E2) forming an anode and a cathode located in the casing (1) at each end thereof; and a radio-frequency or microwave cathode plasma source (3) arranged in the casing in relation to the cathode-forming electrode, such as to generate a high-frequency discharge located on the surface of the electrode in order to generate the plasma. The invention also relates to a lighting method of such a glow-discharge lamp.

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