

Title (en)
INCANDESCENT LAMP WITH AN ABSORPTION AND INTERFERENCE FILTER

Title (de)
GLÜHLAMPE MIT ABSORPTIONS- UND INTERFERENZFILTER

Title (fr)
LAMPE A INCANDESCENCE A FILTRE D'ABSORPTION ET D'INTERFERENCE

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Application
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Abstract (en)
[origin: WO2006050713A1] The invention relates to an incandescent lamp for producing light in a red region of the spectrum, comprising: a translucent lamp bulb (4); a spiral-wound filament enclosed by the lamp bulb, and; an interference filter (8), which is placed on the lamp bulb and which has a number of optically low refractive layers and optically highly refractive layers. According to the invention, the lamp bulb itself forms an absorption filter that absorbs unwanted light spectra. The color location shift into the red region of the spectrum ensues via the interference filter.

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