

Title (en)

ELECTRIC INCANDESCENT LAMP AND RADIANT BODY FOR INCANDESCENT LAMPS

Title (de)

ELEKTRISCHE GLÜHLAMPE UND LEUCHTKÖRPER FÜR GLÜHLAMPEN

Title (fr)

LAMPE INCANDESCENTE ELECTRIQUE ET CORPS LUMINESCENT POUR LAMPES INCANDESCENTES

Publication

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Application

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Abstract (en)

[origin: US5811934A] PCT No. PCT/DE95/00718 Sec. 371 Date Nov. 25, 1996 Sec. 102(e) Date Nov. 25, 1996 PCT Filed Jun. 1, 1995 PCT Pub. No. WO95/34910 PCT Pub. Date Dec. 21, 1995An electric incandescent lamp (4), in particular an incandescent halogen lamp, has a bulb or envelope (5), which is shaped as an ellipsoid or optionally ellipsoidlike (barrel-shaped body) and provided with an IR layer (8). Located inside the bulb (5) axially is a compact filament (2') of circular-cylindrical outer contour; the focal lines of the ellipsoid-like barrel-shaped body each coincide approximately with the last luminous winding on the two ends of the filament. This improves lamp efficiency. The compact filament is preferably in the form of a helical coil (2'), whose power supply lead (10b) remote from the seal is returned to inside the helical coil (2'), or is shaped like a double helix.

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H01K 1/28

IPC 8 full level

H01K 1/32 (2006.01); **H01K 1/28** (2006.01)

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