

Title (en)  
ELECTRIC INCANDESCENT LAMP WITH INFRARED REFLECTING LAYER

Title (de)  
ELEKTRISCHE GLÜHLAMPE MIT IR-REFLEXIONSSCHICHT

Title (fr)  
LAMPE A INCANDESCENCE ELECTRIQUE DOTEE D'UNE COUCHE A REFLEXION INFRAROUGE

Publication  
**EP 1050067 A1 20001108 (DE)**

Application  
**EP 99969839 A 19990913**

Priority  
• DE 9902897 W 19990913  
• DE 19844519 A 19980928

Abstract (en)  
[origin: US6424089B1] Electrical incandescent lamp, in particular a halogen incandescent lamp (4) having a lamp bulb (5) which has a coating (9) that reflects IR radiation, and having a flat luminous body (10) which defines a fictional plane of the light and is arranged inside the lamp bulb (5). The shape of the lamp bulb (5) with respect to those axes which lie in the plane of the light have no rotational symmetry, but the lamp bulb (5) in fact has a shape which differs from rotational symmetry but is matched to the flat geometry of the luminous body (10), that is to say a flattened shape, in particular the shape of an ellipsoid, whose shortest half-axis is oriented at right-angles to the fictional plane of the light of the luminous body (10).

IPC 1-7  
**H01K 1/32**

IPC 8 full level  
**H01K 1/28** (2006.01); **H01K 1/32** (2006.01)

CPC (source: EP KR US)  
**H01K 1/32** (2013.01 - KR); **H01K 1/325** (2013.01 - EP US)

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