

Title (en)  
Plasma lamp

Title (de)  
Plasmalampe

Title (fr)  
Lampe à plasma

Publication  
**EP 2246874 B1 20130213 (DE)**

Application  
**EP 10004268 A 20100422**

Priority  
DE 102009018840 A 20090428

Abstract (en)  
[origin: EP2246874A1] The plasma lamp has a light bulb (1) which contains a material suitable for plasma formation with a microwave-excitation radiation. A supply line is provided for supplying the microwave-excitation radiation to the light bulb. A reflector (11) partially surrounds the light bulb for aligning the light emitted from the plasma in the lamp bulb. The reflector is arranged within a microwave resonator (5). The microwave resonator is aligned with the reflector to an optimal energy input into the light bulb.

IPC 8 full level  
**H01J 65/04** (2006.01)

CPC (source: EP US)  
**H01J 65/044** (2013.01 - EP US)

Designated contracting state (EPC)  
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