

Title (en)  
High pressure gas discharge lamp

Title (de)  
Hochdruckgasentladungslampe

Title (fr)  
Lampe à décharge à haute pression

Publication  
**EP 1107284 A2 20010613 (DE)**

Application  
**EP 00204116 A 20001122**

Priority  
DE 19957561 A 19991130

Abstract (en)  
[origin: DE19957561A1] The lamp has two tungsten electrodes (7a), each of which is mounted on a holder (7b) in an electrode chamber (3) and has a diameter of less than 500 microns. At least one electrode is mounted completely within the electrode chamber, which is in contact with at least one holder at a contact point (8a). The geometry of the electrode and chamber arrangement is defined and at least one holder has a rhenium sleeve. Independent claims are also included for the following: a method of manufacturing a high-pressure gas discharge lamp.

Abstract (de)  
Bei einer Hochdruckgasentladungslampe sind Wolframelektroden an zwei Rheniumstäben in einer Elektrodenkammer angeordnet, wobei die Rheniumstäbe noch bis in die Elektrodenkammer hineinreichen. <IMAGE>

IPC 1-7  
**H01J 61/073**

IPC 8 full level  
**H01J 61/04** (2006.01); **H01J 61/073** (2006.01); **H01J 61/33** (2006.01); **H01J 61/36** (2006.01); **H01J 61/52** (2006.01); **H01J 61/88** (2006.01)

CPC (source: EP KR US)  
**H01J 61/04** (2013.01 - KR); **H01J 61/0732** (2013.01 - EP US); **H01J 61/36** (2013.01 - EP US); **H01J 61/523** (2013.01 - EP US);  
**H01J 61/34** (2013.01 - EP US); **H01J 61/82** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
DE FR GB IT NL

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**EP 1107284 A2 20010613**; **EP 1107284 A3 20040908**; CN 1193402 C 20050316; CN 1308367 A 20010815; DE 19957561 A1 20010531;  
JP 2001167738 A 20010622; JP 4833400 B2 20111207; KR 100830748 B1 20080520; KR 20010052026 A 20010625; US 6646380 B1 20031111

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