

Title (en)  
High pressure gas discharge lamp

Title (de)  
Hochdruckgasentladungslampe

Title (fr)  
Lampe à décharge à haute pression

Publication  
**EP 1107284 A3 20040908 (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.

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)

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