

Title (en)  
MERCURY VAPOR DISCHARGE LAMP

Publication  
**EP 0479259 A3 19920520 (EN)**

Application  
**EP 91116800 A 19911001**

Priority  
JP 26331090 A 19901001

Abstract (en)  
[origin: EP0479259A2] There are provided a mercury discharge lamp that contains an accurate amount of sealed-in mercury in the bulb (1) and a mercury carrier (71) to be used for such a discharge lamp, capable of stably maintaining the mercury, as well as an efficient method of manufacturing the same. A mercury vapor discharge lamp according to the invention comprises a mercury carrier (71) that retains in it a given amount of mercury which is discharged into the bulb (1) of the lamp. Said mercury carrier (71) comprises a porous carrier main body made of an appropriate material such as a ceramic material. The carrier main body is prefabricated and immersed in liquid mercury under pressure to drive mercury into the gaps formed in the carrier main body, where it is retained. <IMAGE>

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**H01J 61/24; H01J 9/395**

IPC 8 full level  
**H01J 9/395** (2006.01); **H01J 61/24** (2006.01); **H01J 61/28** (2006.01)

CPC (source: EP KR)  
**H01J 9/395** (2013.01 - EP); **H01J 61/20** (2013.01 - KR); **H01J 61/28** (2013.01 - EP)

Citation (search report)  
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