

Title (en)  
HIGH-PRESSURE DISCHARGE LAMP

Title (de)  
HOCHDRUCKENTLADUNGSLAMPE

Title (fr)  
LAMPE A DECHARGE HAUTE PRESSION

Publication  
**EP 1817940 A2 20070815 (EN)**

Application  
**EP 05804146 A 20051115**

Priority  
• IB 2005053758 W 20051115  
• EP 04105915 A 20041119  
• EP 05804146 A 20051115

Abstract (en)  
[origin: WO2006054237A2] The invention relates to a high-pressure discharge lamp comprising a ceramic discharge vessel having a first and a second edge; a first and a second metal closing member closing off the vessel, at least one of said closing members comprising a metal current feedthrough; an intermediate layer between the edge of the ceramic discharge vessel and at least the first closing member, with a coefficient of thermal expansion in between those of the vessel and the first closing member, wherein the first edge is profiled. The profiled edge may be formed by a beveled inner and outer surface of the edge of the vessel. This provides a low- cost sealing, which is particularly suitable for high-pressure metal halide lamps.

IPC 8 full level  
**H01K 9/00** (2006.01)

CPC (source: EP KR)  
**H01J 61/30** (2013.01 - KR); **H01J 61/36** (2013.01 - KR); **H01J 61/363** (2013.01 - EP); **H01J 61/827** (2013.01 - EP); **H01J 61/84** (2013.01 - KR)

Citation (search report)  
See references of WO 2006054237A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**WO 2006054237 A2 20060526; WO 2006054237 A3 20080417**; CN 101258578 A 20080903; EP 1817940 A2 20070815; JP 2008521191 A 20080619; KR 20070086407 A 20070827; TW 200644042 A 20061216

DOCDB simple family (application)  
**IB 2005053758 W 20051115**; CN 200580039708 A 20051115; EP 05804146 A 20051115; JP 2007542403 A 20051115; KR 20077013843 A 20070619; TW 94140270 A 20051116