

Title (en)  
High pressure reflector discharge lamp

Title (de)  
Reflektor-Hochdruckentladungslampe

Title (fr)  
Lampe à décharge haute pression à réflecteur

Publication  
**EP 1712836 A2 20061018 (DE)**

Application  
**EP 06007434 A 20060407**

Priority  
DE 102005017505 A 20050415

Abstract (en)  
The lamp has a tungsten electrode fused into each neck of a discharge vessel by sealing foils. The vessel has a discharge space filled with metal halides and mercury. A reflector (8) collects and focuses the light emitted from the vessel. Molybdenum current conductors are passed through holes in the vessel, where space between the reflector and vessel is closed off in a gastight manner and filled with an inert gas.

IPC 8 full level  
**F21V 31/00** (2006.01); **H01J 61/82** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)  
**F21V 31/005** (2013.01 - EP US); **H01J 61/86** (2013.01 - EP US)

Cited by  
EP2017668A1; EP2716327A1; WO2009049661A1; US7944133B2

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)  
**EP 1712836 A2 20061018; EP 1712836 A3 20061129**; CA 2542554 A1 20061015; CN 1873897 A 20061206; DE 102005017505 A1 20061019; JP 2006302893 A 20061102; TW 200705508 A 20070201; US 2006232178 A1 20061019

DOCDB simple family (application)  
**EP 06007434 A 20060407**; CA 2542554 A 20060410; CN 200610084010 A 20060413; DE 102005017505 A 20050415; JP 2006113678 A 20060417; TW 95113154 A 20060413; US 40403706 A 20060414