

Title (en)  
DISCHARGE LAMP

Title (de)  
ENTLADUNGSLAMPE

Title (fr)  
LAMPE A DECHARGE

Publication  
**EP 2198450 A1 20100623 (DE)**

Application  
**EP 07821075 A 20071009**

Priority  
EP 2007060706 W 20071009

Abstract (en)  
[origin: WO2009049660A1] The invention discloses a discharge lamp having a substantially ellipsoidal discharge vessel which surrounds an anode and a cathode, which anode and cathode are in each case fixed by live electrode mounts, wherein these electrode mounts are in each case conducted through bulb shafts which are arranged diametrically on the discharge vessel. At the transition from the discharge vessel to the bulb shafts, narrowed portions are formed around the electrode mounts, which narrowed portions have a connection channel between the discharge space, which is surrounded by the discharge vessel, and the respective bulb shaft space, which is surrounded by the bulb shafts. In this case, the discharge vessel, the narrowed portions and/or the anode coating are formed in such a way that blackening in the optically useful region of the discharge lamp is reduced or prevented.

IPC 8 full level  
**H01J 61/30** (2006.01)

CPC (source: EP US)  
**H01J 61/30** (2013.01 - EP US); **H01J 61/16** (2013.01 - EP US); **H01J 61/86** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009049660A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2009049660 A1 20090423**; CN 101821831 A 20100901; CN 101821831 B 20120919; EP 2198450 A1 20100623; EP 2198450 B1 20171206; KR 101084441 B1 20111121; KR 20100084536 A 20100726; US 2011260597 A1 20111027; US 8264148 B2 20120911

DOCDB simple family (application)  
**EP 2007060706 W 20071009**; CN 200780101017 A 20071009; EP 07821075 A 20071009; KR 20107010122 A 20071009; US 68226610 A 20100409