

Title (en)
High-pressure discharge lamp

Title (de)
Hochdruck-Entladungslampe

Title (fr)
Lampe de décharge haute pression

Publication
EP 2105946 A3 20120208 (EN)

Application
EP 09004063 A 20090320

Priority
JP 2008081083 A 20080326

Abstract (en)
[origin: EP2105946A2] A high-pressure discharge lamp includes, at both ends of a hermetic vessel that is made of a UV transmissive material and has at least a rare gas sealed therein, two discharge electrodes provided such that each discharge electrode includes one end. In at least one of two discharge electrodes, an emitter material of oxides of at least one kind or more of rare earth elements in a concentration from 0.5 to 5.0vol% expressed in terms of the quantity of metal simple substances of the rare earth elements is contained in an electrode member using tungsten as a base material.

IPC 8 full level
H01J 61/073 (2006.01); **H01J 61/12** (2006.01)

CPC (source: EP KR)
H01J 61/073 (2013.01 - KR); **H01J 61/0732** (2013.01 - EP); **H01J 61/0737** (2013.01 - EP); **H01J 61/12** (2013.01 - EP)

Citation (search report)

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- [X1] US 2006220559 A1 20061005 - IKEUCHI MITSURU [JP]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2105946 A2 20090930; EP 2105946 A3 20120208; JP 2009259790 A 20091105; KR 20090102712 A 20090930; TW 201003721 A 20100116; TW I437610 B 20140511

DOCDB simple family (application)
EP 09004063 A 20090320; JP 2009061604 A 20090313; KR 20090025804 A 20090326; TW 98109377 A 20090323