

Title (en)
High pressure discharge lamp

Title (de)
Hochdruckentladungslampe

Title (fr)
Lampe à décharge haute tension

Publication
EP 2339609 A1 20110629 (DE)

Application
EP 10191245 A 20101115

Priority
DE 102009055171 A 20091222

Abstract (en)
The lamp (1) has an elongated discharge vessel (2) accommodated in a tubular outer bulb (3), which is held at one end in a base. The outer bulb is surrounded by a second outer bulb (15) i.e. envelope, which is fastened in a region of the base. The process of fastening is performed with the aid of a pin-like fastening unit e.g. screw, that is guided through a hole and anchored in a cutout. The second outer bulb is positioned in form-fitting fashion on the first outer bulb in a region of a pinch (8). The second outer bulb is mounted on a stop unit that projects laterally at the base.

Abstract (de)
Eine Hochdruckentladungslampe hat ein keramisches Entladungsgefäß, das in einem Außenkolben untergebracht ist, wobei der Außenkolben außerdem von einem zweiten Außenkolben als Splitterschutz umgeben ist, der eng am Außenkolben anliegt. Dieser ist in Höhe des Sockels befestigt.

IPC 8 full level
H01J 61/34 (2006.01); **H01J 5/54** (2006.01); **H01J 61/30** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)
H01J 5/54 (2013.01 - EP US); **H01J 61/302** (2013.01 - EP US); **H01J 61/34** (2013.01 - EP US)

Citation (applicant)
• EP 1652212 A2 20060503 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
• WO 2008022929 A1 20080228 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE], et al

Citation (search report)
• [X] EP 1542256 A2 20050615 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
• [X] JP 2009152171 A 20090709 - TOSHIBA LIGHTING & TECHNOLOGY
• [A] EP 1770743 A2 20070404 - SCHOTT AG [DE]
• [A] EP 2031634 A1 20090304 - PANASONIC CORP [JP]
• [A] EP 1763066 A1 20070314 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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US 2011148296 A1 20110623

DOCDB simple family (application)
EP 10191245 A 20101115; CN 201010614751 A 20101221; DE 102009055171 A 20091222; JP 2010279041 A 20101215;
US 96960810 A 20101216