

Title (en)  
High pressure discharge lamp

Title (de)  
Hochdruckentladungslampe

Title (fr)  
Lampe à décharge haute tension

Publication  
**EP 2339607 A2 20110629 (DE)**

Application  
**EP 10190546 A 20101109**

Priority  
DE 102009055137 A 20091222

Abstract (en)  
The lamp (1) has a discharge vessel (2) including two capillaries (10) and accommodated in a tubular outer bulb (3). The discharge vessel is manufactured from ceramic or quartz glass. A major part of the outer bulb is closely surrounded by a transparent sleeve i.e. shrink sleeve, made of highly heat-resistant plastic. A flexible tube (15) surrounds the outer bulb at the level of the discharge vessel and below the sleeve. The tube is manufactured from hard glass or quartz glass, which is more heat-resistant than the sleeve. The tube is seated on the outer bulb by a spacer.

Abstract (de)  
Eine Hochdruckentladungslampe hat ein keramisches Entladungsgefäß, das in einem Außenkolben untergebracht ist, wobei der Außenkolben außerdem von einem Splitterschutz umgeben ist, der eng am Außenkolben anliegt. Insbesondere ist der Splitterschutz ein Schrumpfschlauch.

IPC 8 full level  
**H01J 5/03** (2006.01); **F21V 17/04** (2006.01); **F21V 29/15** (2015.01); **H01J 7/28** (2006.01); **H01J 9/24** (2006.01); **H01J 61/34** (2006.01); **H01J 61/35** (2006.01); **H01J 61/52** (2006.01)

CPC (source: EP US)  
**H01J 5/03** (2013.01 - EP US); **H01J 61/34** (2013.01 - EP US); **H01J 61/523** (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

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)  
**EP 2339607 A2 20110629**; **EP 2339607 A3 20120307**; CN 102103977 A 20110622; CN 102103977 B 20160302;  
DE 102009055137 A1 20110630; JP 2011134710 A 20110707; JP 5722607 B2 20150520; US 2011148295 A1 20110623;  
US 8237365 B2 20120807

DOCDB simple family (application)  
**EP 10190546 A 20101109**; CN 201010614913 A 20101222; DE 102009055137 A 20091222; JP 2010278167 A 20101214;  
US 95470610 A 20101126