

Title (en)
HIGH-PRESSURE DISCHARGE LAMP HAVING A SINGLE SOCKET

Title (de)
EINSEITIG GESOCKELTE HOCHDRUCKENTLADUNGSLAMPE

Title (fr)
LAMPE À DÉCHARGE À HAUTE PRESSION AVEC DOUILLE UNILATÉRALE

Publication
EP 2499651 B1 20140108 (DE)

Application
EP 10775799 A 20101102

Priority
• DE 102009052624 A 20091110
• EP 2010066637 W 20101102

Abstract (en)
[origin: WO2011057916A1] The invention relates to a high-pressure discharge lamp having a single socket, comprising a discharge vessel (100) having two opposite sealed ends (120, 130) and a discharge chamber (110) disposed between the sealed ends (120, 130), wherein a first sealed end (120) extends into a lamp base (400) and the second sealed end (130) protrudes out of the lamp base (400), a first electrode (20) fixed in the first sealed end (120) of the discharge vessel (100) and having an end on the discharge side extending into the discharge chamber (110), a second electrode fixed in the second sealed end (130) of the discharge vessel (100) and having an end extending into the discharge chamber (110), and a base flange (420) disposed on the base (400) and defining a plane (421) that can be used for adjusting the high-pressure discharge lamp in an optical system, wherein the following relationship applies for the distance A from the end of the first electrode (20) on the discharge side to the plane (421) of the base flange (420) and the distance B from the end of the second electrode (30) on the discharge side to the plane (421) of the base flange (420): (I).

IPC 8 full level
H01J 5/54 (2006.01); **F21V 19/00** (2006.01); **H01J 1/88** (2006.01)

CPC (source: EP US)
H01J 5/54 (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 102009052624 A1 20110512; CN 102598193 A 20120718; CN 102598193 B 20150916; EP 2499651 A1 20120919;
EP 2499651 B1 20140108; JP 2013510412 A 20130321; JP 5678080 B2 20150225; US 2012229023 A1 20120913; US 8502449 B2 20130806;
WO 2011057916 A1 20110519

DOCDB simple family (application)
DE 102009052624 A 20091110; CN 201080050919 A 20101102; EP 10775799 A 20101102; EP 2010066637 W 20101102;
JP 2012538276 A 20101102; US 201013509223 A 20101102