

Title (en)
HIGH-PRESSURE DISCHARGE LAMP

Title (de)
HOCHDRUCKENTLADUNGSLAMPE

Title (fr)
LAMPE À DÉCHARGE HAUTE PRESSION

Publication
EP 2529391 A1 20121205 (DE)

Application
EP 11714554 A 20110414

Priority
• DE 102010028156 A 20100423
• EP 2011055918 W 20110414

Abstract (en)
[origin: WO2011131559A1] The invention relates to a high-pressure discharge lamp having an ignition assisting layer (107, 107') disposed on the discharge vessel (10). According to the invention, the electrically conductive ignition assisting layer (107, 107') is made of at least one first layer segment (107) and one second layer segment (107'), wherein the first layer segment (107) is disposed on a first sealing end (101) of the discharge vessel (10) and extends to the surface of the area of the discharge vessel (10) enclosing the discharge chamber (106), and a wherein the second layer segment (107') is disposed on the second sealing end (102) of the discharge vessel (10) and extends to the surface of the area of the discharge vessel (10) enclosing the discharge chamber (106), so that the parts (107a, 107'a) of the first and second layer segments (107, 107') disposed on the surface of the area of the discharge vessel (10) enclosing the discharge chamber (106) are disposed spaced apart from each other and the layer segments (107, 107') are galvanically separated.

IPC 8 full level
H01J 61/35 (2006.01); **H01J 61/54** (2006.01)

CPC (source: EP KR US)
H01J 61/125 (2013.01 - KR); **H01J 61/35** (2013.01 - EP KR US); **H01J 61/366** (2013.01 - KR); **H01J 61/54** (2013.01 - KR US); **H01J 61/547** (2013.01 - EP US); **H01J 61/827** (2013.01 - KR)

Citation (search report)
See references of WO 2011131559A1

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 102010028156 A1 20111027; CN 102859642 A 20130102; CN 102859642 B 20150603; EP 2529391 A1 20121205; EP 2529391 B1 20140910; JP 2013525965 A 20130620; JP 5553934 B2 20140723; KR 101764647 B1 20170803; KR 20130073899 A 20130703; US 2013134870 A1 20130530; WO 2011131559 A1 20111027

DOCDB simple family (application)
DE 102010028156 A 20100423; CN 201180020544 A 20110414; EP 11714554 A 20110414; EP 2011055918 W 20110414; JP 2013505416 A 20110414; KR 20127030783 A 20110414; US 201113643035 A 20110414