

Title (en)
HIGH PRESSURE DISCHARGE LAMP

Title (de)
HOCHDRUCKENTLADUNGSLAMPE

Title (fr)
LAMPE À DÉCHARGE HAUTE PRESSION

Publication
EP 2497103 B1 20170118 (DE)

Application
EP 11701802 A 20110125

Priority
• DE 102010001209 A 20100126
• EP 2011050928 W 20110125

Abstract (en)
[origin: WO2011092146A1] The invention relates to a high pressure discharge lamp having a discharge vessel. A discharge chamber is designed therein, wherein two electrodes spaced apart from each other extend into the discharge chamber to generate a gas discharge. The discharge vessel is surrounded at least in sections by an outer bulb. A filling gas is introduced as an ignition aid into a gas-tight outer chamber, limited at least by the discharge vessel and the outer bulb. In addition, the discharge vessel has an electrically conductive ignition aid layer.

IPC 8 full level
H01J 61/34 (2006.01); **H01J 61/54** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP)
H01J 61/547 (2013.01); **H01J 61/34** (2013.01); **H01J 61/82** (2013.01)

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 102010001209 A1 20110728; CN 102725820 A 20121010; EP 2497103 A1 20120912; EP 2497103 B1 20170118;
JP 2013518375 A 20130520; WO 2011092146 A1 20110804

DOCDB simple family (application)
DE 102010001209 A 20100126; CN 201180007280 A 20110125; EP 11701802 A 20110125; EP 2011050928 W 20110125;
JP 2012550411 A 20110125