

Title (en)

HIGH-INTENSITY DISCHARGE LAMP FOR MOTOR VEHICLE HEADLIGHTS

Title (de)

HOCHDRUCKENTLADUNGSLAMPE FÜR KRAFTFAHRZEUGSCHEINWERFER

Title (fr)

LAMPE À DÉCHARGE À HAUTE PRESSION POUR PHARE DE VÉHICULE AUTOMOBILE

Publication

**EP 3072146 B1 20190417 (DE)**

Application

**EP 14793861 A 20141106**

Priority

- DE 102013223708 A 20131120
- EP 2014073959 W 20141106

Abstract (en)

[origin: WO2015074892A1] The invention relates to a high intensity discharge lamp comprising a gas-tightly sealed discharge vessel (10) in which gas discharge electrodes (11, 12) and a discharge medium for creating a gas discharge are enclosed. The discharge medium contains no mercury and comprises at least xenon and iodides of the metals sodium and scandium. The distance between the gas discharge electrodes ranges from 1.8 mm to 3.2 mm, and the cold filling pressure of xenon ranges from 1.35 to 2.0 megapascal.

IPC 8 full level

**H01J 61/16** (2006.01); **H01J 61/073** (2006.01); **H01J 61/12** (2006.01); **H01J 61/22** (2006.01); **H01J 61/82** (2006.01); **H01J 61/86** (2006.01)

CPC (source: EP)

**H01J 61/125** (2013.01); **H01J 61/827** (2013.01)

Citation (examination)

US 2013038207 A1 20130214 - HAACKE MICHAEL [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

DOCDB simple family (publication)

**WO 2015074892 A1 20150528**; CN 105765694 A 20160713; CN 105765694 B 20180720; DE 102013223708 A1 20150521; EP 3072146 A1 20160928; EP 3072146 B1 20190417

DOCDB simple family (application)

**EP 2014073959 W 20141106**; CN 201480063658 A 20141106; DE 102013223708 A 20131120; EP 14793861 A 20141106