

Title (en)
HIGH-PRESSURE DISCHARGE LAMP

Title (de)
HOCHDRUCKENTLADUNGSLAMPE

Title (fr)
LAMPE A DECHARGE HAUTE PRESSION

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Abstract (en)
[origin: WO2005112074A2] The invention relates to a high-pressure discharge lamp for vehicle headlights having a power consumption of less than 100 watt. Said high-pressure discharge lamp comprises a quartz glass discharge recipient (10) having two opposing ends (101, 102) which are sealed by molybdenum films (103, 104). Two electrodes (11, 12) which are respectively connected to one of the molybdenum films (103, 104), and an ionisable filler containing xenon and a halogenide of sodium and scandium, are arranged in the inner region (106) of the discharge recipient (10), for producing a gas discharge. According to the invention, the minimum distance (A) between the respective molybdenum film (103, 104) and the end of the electrode (11, 12) which is connected thereto and protrudes into the inner region (106) of the discharge recipient (10) is more than 5 mm.

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