

Title (en)

Low-pressure mercury lamp with direct cooling of an amalgam reservoir

Title (de)

Quecksilber-Niederdruck-Amalgamstrahler mit Direktkühlung eines Amalgamdepots

Title (fr)

Lampe à mercure basse pression avec refroidissement direct d'un dépôt d'amalgame

Publication

EP 1783819 A3 20070919 (DE)

Application

EP 06010346 A 20060519

Priority

DE 102005023940 A 20050520

Abstract (en)

[origin: WO2006122818A2] The invention relates to a low-pressure mercury amalgam lamp arrangement comprising an amalgam reservoir and a cladding tube that surrounds the lamp. The lamp is provided with a mechanical contact with the cladding tube in the area of the amalgam reservoir. The invention is characterized in that the lamp is annularly enclosed by a metal strip in the area of the amalgam reservoir. Said metal strip rests against the lamp and represents the mechanical contact with the cladding tube.

IPC 8 full level

H01J 61/52 (2006.01); **H01J 61/28** (2006.01); **H01J 61/34** (2006.01); **H01J 61/72** (2006.01)

CPC (source: EP US)

H01J 9/247 (2013.01 - EP US); **H01J 61/34** (2013.01 - EP US); **H01J 61/523** (2013.01 - EP US); **H01J 61/72** (2013.01 - EP US)

Citation (search report)

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Designated extension state (EPC)

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