

Title (en)

Mercury vapour lamp for homogeneous lighting of an area

Title (de)

Quecksilberdampf Lampe für eine homogene flächenhafte Bestrahlung

Title (fr)

Lampe à vapeur de mercure pour un rayonnement plan homogène

Publication

EP 2416346 B1 20130925 (DE)

Application

EP 11005665 A 20110712

Priority

DE 102010033446 A 20100804

Abstract (en)

[origin: EP2416346A2] The lamp (1) has a lamp piston designed as a quartz glass chamber (2) with a lower side (4), an upper side (3) and side walls (5). The lamp piston is divided into sub chambers (7a-7d) by separation bars (6), which project from the lower side to the upper side, and are made of quartz glass. Two of the sub chambers (7a, 7d) form a non-linear gas discharge channel in a sequence. The bars extend between the side walls by forming a gap, which fluidically connects the adjacent sub chambers. Electrodes (10) are associated to two of the sub chambers.

IPC 8 full level

H01J 61/30 (2006.01); **H01J 61/72** (2006.01)

CPC (source: EP US)

H01J 61/307 (2013.01 - EP US); **H01J 61/72** (2013.01 - EP US)

Cited by

EP2799092A1; US8963103B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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