

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)

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)

**EP 2416346 A2 20120208; EP 2416346 A3 20130102; EP 2416346 B1 20130925**; CA 2745283 A1 20120204; CA 2745283 C 20140429; DE 102010033446 A1 20120209; DE 102010033446 B4 20120322; DK 2416346 T3 20131216; JP 2012038729 A 20120223; PL 2416346 T3 20140331; US 2012032586 A1 20120209; US 8400059 B2 20130319

DOCDB simple family (application)

**EP 11005665 A 20110712**; CA 2745283 A 20110706; DE 102010033446 A 20100804; DK 11005665 T 20110712; JP 2011170927 A 20110804; PL 11005665 T 20110712; US 201113181916 A 20110713