

Title (en)
HIGH-PRESSURE DISCHARGE LAMP

Title (de)
HOCHDRUCKENTLADUNGSLAMPE

Title (fr)
LAMPE A DECHARGE HAUTE PRESSION

Publication
EP 1735814 A2 20061227 (DE)

Application
EP 05742319 A 20050414

Priority
• DE 2005000684 W 20050414
• DE 102004019185 A 20040416

Abstract (en)
[origin: WO2005101455A2] A high-pressure discharge lamp with an axial symmetry axis and metal halogenide filling has electrodes with shafts designed as pins with a diameter of 0.5 to 1.15 mm. The halogen for the halogenide is composed of iodine and possibly bromine components, iodine being used alone or in combination with bromine, and the bromine/iodine atomic ratio amounting to maximum 2.

IPC 8 full level
H01J 61/00 (2006.01); **H01J 61/073** (2006.01); **H01J 61/12** (2006.01); **H01J 61/20** (2006.01); **H01J 61/35** (2006.01); **H01J 61/36** (2006.01); **H01J 61/82** (2006.01)

CPC (source: EP US)
H01J 61/125 (2013.01 - EP US); **H01J 61/36** (2013.01 - EP US); **H01J 61/827** (2013.01 - EP US)

Citation (search report)
See references of WO 2005101455A2

Designated contracting state (EPC)
BE DE FR HU NL

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2005101455 A2 20051027; **WO 2005101455 A3 20060824**; CA 2562726 A1 20051027; CN 100585790 C 20100127; CN 1943005 A 20070404; DE 102004019185 A1 20051110; DE 112005001399 A5 20070524; EP 1735814 A2 20061227; EP 1735814 B1 20170726; JP 2007533087 A 20071115; JP 4560085 B2 20101013; US 2007200504 A1 20070830; US 7973482 B2 20110705

DOCDB simple family (application)
DE 2005000684 W 20050414; CA 2562726 A 20050414; CN 200580011340 A 20050414; DE 102004019185 A 20040416; DE 112005001399 T 20050414; EP 05742319 A 20050414; JP 2007507665 A 20050414; US 57823805 A 20050414