

Title (en)

Gas discharge lamp having an oxide emitter electrode

Title (de)

Gasentladungslampe mit Oxidemitter-Elektrode

Title (fr)

Lampe à décharge à gaz à électrode pourvue d'une couche émettrice à oxyde

Publication

EP 1104005 B1 20061220 (DE)

Application

EP 00204015 A 20001114

Priority

DE 19956322 A 19991123

Abstract (en)

[origin: EP1104005A1] Gas discharge lamp comprises an electrode having a support made of an electrode metal and a first electrode coating made of an electron emitting coating consisting of a metal powder preparation of a powder of a reducing metal selected from aluminum, silicon, titanium, zirconium, hafnium, tantalum, molybdenum, tungsten and their alloys with a powder coating of a precious metal selected from rhenium, cobalt, nickel, ruthenium, palladium, rhodium, iridium and platinum and their alloys and an alkaline earth metal oxide, selected from barium oxide, calcium oxide and strontium oxide.

IPC 8 full level

H01J 61/06 (2006.01); **H01J 1/142** (2006.01); **H01J 61/067** (2006.01)

CPC (source: EP US)

H01J 61/06 (2013.01 - EP US); **H01J 61/0677** (2013.01 - EP US); **H01J 61/0675** (2013.01 - EP US); **H01J 61/0735** (2013.01 - EP US); **H01J 61/0737** (2013.01 - EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 00204015 A 20001114; DE 19956322 A 19991123; DE 50013884 T 20001114; JP 2000355169 A 20001122; US 71687500 A 20001120