

Title (en)

Seal foil an lamp provided with such a foil

Title (de)

Einschmelzfolie und zugehörige Lampe mit dieser Folie

Title (fr)

Feuille de scellement et lampe équipée d'une telle feuille

Publication

EP 1111655 B1 20061213 (DE)

Application

EP 00122550 A 20001016

Priority

DE 19961551 A 19991220

Abstract (en)

[origin: EP1111655A1] The sealing foil (5,6) has a metal base body of molybdenum, which may be pure or doped, and a coating of ruthenium. The coating may be pure ruthenium or a ruthenium alloy or compound, preferably a molybdenum and ruthenium alloy. The coating thickness is 0.1-1.0 micrometers, preferably 0.25-0.5 micrometers. Independent claims are included for a lamp with the sealing foil and a method to manufacture an electrical connection between a molybdenum foil and a metal wire, especially with a diameter of 10-100 micrometers.

IPC 8 full level

H01J 61/36 (2006.01); **H01K 1/38** (2006.01)

CPC (source: EP US)

H01J 61/366 (2013.01 - EP US); **H01K 1/38** (2013.01 - EP US)

Cited by

DE102007055171A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1111655 A1 20010627; **EP 1111655 B1 20061213**; AT E348400 T1 20070115; CN 1210748 C 20050713; CN 1301032 A 20010627; DE 19961551 A1 20010621; DE 50013857 D1 20070125; HU 225336 B1 20060928; HU P0004971 A2 20020128; HU P0004971 A3 20021228; JP 2001216937 A 20010810; JP 4982708 B2 20120725; US 6624576 B1 20030923

DOCDB simple family (application)

EP 00122550 A 20001016; AT 00122550 T 20001016; CN 00135499 A 20001220; DE 19961551 A 19991220; DE 50013857 T 20001016; HU P0004971 A 20001218; JP 2000384315 A 20001218; US 70502600 A 20001102