

Title (en)

Metal halide discharge lamp for projection purposes

Title (de)

Metallhalogenid-Entladungslampe für Projektionszwecke

Title (fr)

Lampe à décharge aux halogénures métalliques utilisée à des fins de projection

Publication

EP 0762475 B1 19991103 (DE)

Application

EP 96112969 A 19960812

Priority

- DE 19530821 A 19950823
- DE 19548518 A 19951222

Abstract (en)

[origin: EP0762475A1] The lamp has a transparent discharge vessel (2) contg. two electrodes (3) mounted opposite each other. The electrodes are connected to leads passing out of the vessel. The vessel contains an ionisable medium, consisting of mercury, at least one rare gas, at least one halogen, a rare earth metal and a further metal for the formation of metal halogenides. The further metal can be niobium, which can make up between 0.3 and 1.5 micromoles per cubic centimetre of the vessel's vol. Alternatively, the further metal can be dysprosium, which can make up between 0.3 and 3 micromoles per cubic centimetre of the vessel's vol.

IPC 1-7

H01J 61/12; H01J 61/86

IPC 8 full level

H01J 61/20 (2006.01); **H01J 61/12** (2006.01); **H01J 61/86** (2006.01)

CPC (source: EP US)

H01J 61/125 (2013.01 - EP US); **H01J 61/86** (2013.01 - EP US); **H01J 61/827** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0762475 A1 19970312; **EP 0762475 B1 19991103**; CA 2182423 A1 19970224; CA 2182423 C 20061212; JP 3993656 B2 20071017; JP H0963538 A 19970307; US 5831388 A 19981103

DOCDB simple family (application)

EP 96112969 A 19960812; CA 2182423 A 19960731; JP 23251496 A 19960814; US 68104696 A 19960722