

Title (en)
HIGH-VOLTAGE DISCHARGE LAMP AND LIGHTING DEVICE

Title (de)
HOCHSPANNUNGENTLADUNGSLAMPE UND LEUCHTVORRICHTUNG

Title (fr)
LAMPE A DECHARGE HAUTE TENSION ET DISPOSITIF D'ECLAIRAGE

Publication
EP 1041603 A4 20011107 (EN)

Application
EP 99929830 A 19990714

Priority

- JP 9903797 W 19990714
- JP 21012098 A 19980724

Abstract (en)
[origin: WO0005746A1] A high-pressure discharge lamp comprises a transparent ceramic discharge container (1), a feeding conductor (2), a pair of electrodes (3, 3), a seal (4) of ceramic sealing compound, and a discharge medium. The discharge container has a capacity equal to or less than 0.1 cc. The distance (d1) between the end of the electrode and the inner surface of the transparent discharge container is 1.0 mm or greater in the direction perpendicular to the axis of the transparent discharge container.

IPC 1-7
H01J 61/88; **H01J 61/36**; **H01J 61/82**

IPC 8 full level
H01J 61/073 (2006.01); **H01J 61/30** (2006.01); **H01J 61/36** (2006.01); **H01J 61/82** (2006.01); **H01J 61/88** (2006.01)

CPC (source: EP KR)
H01J 61/36 (2013.01 - EP KR); **H01J 61/827** (2013.01 - EP); **H01J 61/073** (2013.01 - EP); **H01J 61/30** (2013.01 - EP)

Citation (search report)

- [A] EP 0156383 A2 19851002 - GTE PROD CORP [US]
- [A] EP 0841687 A2 19980513 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] US 4779026 A 19881018 - HEIDER JUERGEN [DE], et al
- [DPA] WO 9905700 A1 19990204 - TOSHIBA LIGHTING & TECHNOLOGY [JP], et al & EP 0935278 A1 19990811 - TOSHIBA LIGHTING & TECHNOLOGY [JP]
- See references of WO 0005746A1

Cited by
EP1494261B1

Designated contracting state (EPC)
BE DE GB

DOCDB simple family (publication)
WO 0005746 A1 20000203; EP 1041603 A1 20001004; EP 1041603 A4 20011107; JP 2000048769 A 20000218; JP 4297227 B2 20090715; KR 100354851 B1 20021005; KR 20010023968 A 20010326

DOCDB simple family (application)
JP 9903797 W 19990714; EP 99929830 A 19990714; JP 21012098 A 19980724; KR 20007002683 A 20000314