

Title (en)

Discharge lamp with at least one external electrode and method for fabricating the same

Title (de)

Entladungslampe mit mindestens einer aussenelektrode und Verfahren zu ihrer Herstellung

Title (fr)

Lampe à décharge munie d'au moins une électrode externe et procédé pour sa fabrication

Publication

EP 1536453 A3 20070808 (DE)

Application

EP 04021715 A 20040913

Priority

DE 10347636 A 20031009

Abstract (en)

[origin: US2005077808A1] In a discharge lamp having a discharge vessel and external electrodes, at least one electrode similar to a conductor track is an integral part of a laminate (5) which is adhesively bonded to the outer side of the discharge vessel and comprises a carrier film made of electric insulating material.

IPC 8 full level

H01J 9/02 (2006.01); **H01J 65/04** (2006.01); **H01J 9/20** (2006.01); **H01J 17/16** (2006.01); **H01J 61/04** (2006.01); **H01J 61/30** (2006.01); **H01J 61/54** (2006.01); **H01J 65/00** (2006.01)

CPC (source: EP KR US)

H01J 61/305 (2013.01 - EP US); **H01J 65/00** (2013.01 - EP US); **H01J 65/04** (2013.01 - KR)

Citation (search report)

- [X] EP 0867915 B1 20030521 - NEC CORP [JP], et al
- [X] EP 0871204 A1 19981014 - NEC CORP [JP]
- [X] EP 0871205 B1 20030312 - NEC CORP [JP], et al
- [X] EP 0871203 A2 19981014 - NEC CORP [JP]
- [X] US 2002011807 A1 20020131 - KOBAYASHI MASAMI [JP], et al
- [A] JP 2003229092 A 20030815 - HARISON TOSHIBA LIGHTING CORP
- [A] JP S54119785 A 19790917 - MATSUSHITA ELECTRIC IND CO LTD, et al
- [AD] US 6034470 A 20000307 - VOLLKOMMER FRANK [DE], et al
- [A] US 5925988 A 19990720 - GRAVE DUANE A [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

US 2005077808 A1 20050414; **US 7298071 B2 20071120**; CA 2484245 A1 20050409; CN 1619764 A 20050525; CN 1619764 B 20100623; DE 10347636 A1 20050504; EP 1536453 A2 20050601; EP 1536453 A3 20070808; JP 2005116532 A 20050428; KR 100697438 B1 20070320; KR 20050034558 A 20050414; TW 200514119 A 20050416; TW I279826 B 20070421

DOCDB simple family (application)

US 95461104 A 20041001; CA 2484245 A 20041006; CN 200410103874 A 20041009; DE 10347636 A 20031009; EP 04021715 A 20040913; JP 2004295411 A 20041007; KR 20040080302 A 20041008; TW 93128214 A 20040917