

Title (en)  
High pressure discharge lamp

Title (de)  
Hochdruckentladungslampe

Title (fr)  
Lampe à décharge haute pression

Publication  
**EP 0926700 A3 19991208 (EN)**

Application  
**EP 98310549 A 19981222**

Priority  
• US 99831197 A 19971224  
• US 14058798 A 19980826

Abstract (en)  
[origin: EP0926700A2] A vessel (4) has a main body (10) and a plugging member (11a) made of alumina. A composite electrode (6a) has a cylindrical current conductor having substantially the same diameter as the opening at one end of the vessel, and an electrode (14a) joined by welding at the end of the current conductor exposed to inside of the vessel. The current conductor of the composite electrode has a cylindrical member (13a) made of alumina and a metallization layer made of molybdenum and alumina. The vessel and the composite electrode have been subjected to co-firing into an integrated body, with the composite electrode inserted into the opening portion at one end of the vessel so that the electrode is exposed to the inner space with one end of the composite electrode exposed outside of the vessel. <IMAGE>

IPC 1-7  
**H01J 61/073**; **H01J 9/02**

IPC 8 full level  
**H01J 9/02** (2006.01); **H01J 17/00** (2006.01); **H01J 9/32** (2006.01); **H01J 61/073** (2006.01); **H01J 61/36** (2006.01)

CPC (source: EP)  
**H01J 9/022** (2013.01); **H01J 61/0732** (2013.01); **H01J 61/366** (2013.01)

Citation (search report)  
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• [XA] EP 0751549 A1 19970102 - NGK INSULATORS LTD [JP]  
• [X] EP 0807957 A2 19971119 - NGK INSULATORS LTD [JP]  
• [A] EP 0609477 A1 19940810 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE], et al  
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**EP 0926700 A2 19990630**; **EP 0926700 A3 19991208**; **EP 0926700 B1 20060315**; CN 100361267 C 20080109; CN 1229264 A 19990922; CZ 291751 B6 20030514; CZ 429698 A3 20000517; DE 69833844 D1 20060511; DE 69833844 T2 20061005; HU 221939 B1 20030228; HU 9802973 D0 19990201; HU P9802973 A2 19990728; HU P9802973 A3 20010328; JP 3853994 B2 20061206; JP H11233068 A 19990827

DOCDB simple family (application)  
**EP 98310549 A 19981222**; CN 98126025 A 19981224; CZ 429698 A 19981223; DE 69833844 T 19981222; HU P9802973 A 19981219; JP 34576998 A 19981204