

Title (en)
Electrode for a high pressure discharge lamp

Title (de)
Elektrode für Hochdruckentladungslampe

Title (fr)
Electrode pour lampe à décharge haute pression

Publication
EP 0926700 B1 20060315 (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 8 full level
H01J 9/32 (2006.01); **H01J 61/073** (2006.01); **H01J 9/02** (2006.01); **H01J 17/00** (2006.01); **H01J 61/36** (2006.01); **H01J 61/82** (2006.01)

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

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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

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