

Title (en)
Electrode component for discharge lamps

Title (de)
Elektrodenbauteil für Entladungslampen

Title (fr)
Composant d'électrode pour lampes à décharge

Publication
EP 0917179 A2 19990519 (DE)

Application
EP 98117203 A 19980909

Priority
DE 19749908 A 19971111

Abstract (en)
A discharge lamp electrode component, produced by metal powder injection molding of a refractory metal or its carbide, is new. A discharge lamp electrode component, made of refractory metal (especially tungsten, molybdenum, tantalum, rhenium or their alloys) in metallic or carbide form, is produced by the metal powder injection molding method. An Independent claim is also included for a lamp with the above electrode component.

Abstract (de)
Das erfindungsgemäße Elektrodenbauteil ist mittels Metallpulverspritzgußverfahren hergestellt. Dadurch können komplexe Formen für die Elektrode realisiert werden. <IMAGE>

IPC 1-7
H01J 61/073; H01J 9/02; B22F 3/16; C22F 1/18; C22C 1/08

IPC 8 full level
H01J 9/02 (2006.01); **H01J 9/04** (2006.01); **H01J 61/073** (2006.01)

CPC (source: EP US)
H01J 9/02 (2013.01 - EP US); **H01J 61/073** (2013.01 - EP US)

Cited by
CN106881463A; EP1047109A1; AT17391U1; US6437508B1

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
US 6211615 B1 20010403; CA 2247221 A1 19990511; DE 19749908 A1 19990512; EP 0917179 A2 19990519; EP 0917179 A3 19990526; HU 9802612 D0 19981228; HU P9802612 A2 19990728; HU P9802612 A3 20010328; JP H11219683 A 19990810

DOCDB simple family (application)
US 14941998 A 19980908; CA 2247221 A 19980911; DE 19749908 A 19971111; EP 98117203 A 19980909; HU P9802612 A 19981110; JP 31748398 A 19981109