

Title (en)
Electrode, procedure and device for its manufacture

Title (de)
Elektrode und Verfahren sowie Vorrichtung zur Herstellung derselben

Title (fr)
Electrode, procédé et dispositif pour sa fabrication

Publication
EP 0901150 A3 19990421 (DE)

Application
EP 98113037 A 19980714

Priority
DE 19738574 A 19970904

Abstract (en)
[origin: EP0901150A2] The electrode (4) is made of wolfram material, which may be doped and has cylindrical shaft (5) with a conical point (9) which is formed by radial deformation of the shaft, e.g. using radial hammering or transverse rolling, for increasing the hardness in the vicinity of the point.

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

IPC 8 full level
H01J 9/02 (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)

Citation (search report)

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- [DA] DE 4229317 A1 19940303 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 250 (E - 1082) 26 June 1991 (1991-06-26)

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 98113037 A 19980714; AT 98113037 T 19980714; CN 98115132 A 19980626; DE 19738574 A 19970904; DE 59811983 T 19980714; HU P9802006 A 19980903; JP 24925798 A 19980903; US 12152298 A 19980723