

Title (en)
HIGH-PRESSURE METAL VAPOUR DISCHARGE LAMP

Publication
EP 0209094 A3 19890524 (DE)

Application
EP 86109536 A 19860711

Priority
DE 3525886 A 19850719

Abstract (en)
[origin: DE3686962D1] The transparent tube made of aluminium oxide has a bush retained inside each end, through which an end connection fitting is inserted. The fitting, which carries an electrode projecting inside is retained by a glass ring which is melted to form a gas tight seal. The melting operation is also used to secure a niobium sleeve previously fitted to the tube, forming a heat shield. For accurately positioning the sleeve, it carries tabs bent over inwards to rest against the end of the tube. Alternative designs include a conical sleeve for a conical end part of the tube.

IPC 1-7
H01J 61/52; **H01J 61/36**

IPC 8 full level
H01J 61/36 (2006.01); **H01J 61/04** (2006.01); **H01J 61/52** (2006.01)

CPC (source: EP)
H01J 61/045 (2013.01); **H01J 61/523** (2013.01)

Citation (search report)

- [YD] DE 2928067 A1 19800124 - WESTINGHOUSE ELECTRIC CORP
- [Y] US 4464603 A 19840807 - MCVEY CHARLES I [US]
- [A] FR 2335947 A1 19770715 - GEN ELECTRIC [US]
- [A] US 3716743 A 19730213 - MIZUNO H, et al

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0209094 A2 19870121; **EP 0209094 A3 19890524**; **EP 0209094 B1 19921014**; DE 3525886 A1 19870129; DE 3686962 D1 19921119; HU 196675 B 19881228; HU T41159 A 19870330; JP S6226758 A 19870204

DOCDB simple family (application)
EP 86109536 A 19860711; DE 3525886 A 19850719; DE 3686962 T 19860711; HU 296886 A 19860718; JP 16821286 A 19860718