

Title (en)  
HIGH-PRESSURE METAL VAPOUR DISCHARGE LAMP

Publication  
**EP 0209094 B1 19921014 (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 61/36; H01J 61/52**

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)

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