

Title (en)

High pressure discharge lamp and method for producing the same

Title (de)

Hochdruckentladungslampe und Verfahren zur Herstellung der Lampe

Title (fr)

Lampe à décharge à haute pression et procédé de fabrication

Publication

EP 0479088 B1 19951220 (DE)

Application

EP 91116146 A 19910923

Priority

DE 4031116 A 19901002

Abstract (en)

[origin: EP0479088A1] In the high-pressure discharge lamp for lamp currents greater than 20 A, a cylindrical bulb neck (3, 4) is fused to the two ends of the rotationally symmetrical discharge space (2) which lie on the axis. Each bulb neck (3, 4) is assembled from at least two hollow-cylindrical quartz tubes which are pushed into one another and are fused to one another. Fused in between these tubes in a gastight manner are at least two elongated sealing foils (11 to 16), the ends of the sealing foils (11 to 16) on the discharge side in each case being electrically connected to the edge of a metal disc (7, 8), which edge is fused into the bulb neck (3, 4) close to the discharge space (2), and on which edge the free end of the respective electrode shaft is mounted. <IMAGE>

IPC 1-7

H01J 61/36

IPC 8 full level

H01J 9/32 (2006.01); **H01J 61/36** (2006.01)

CPC (source: EP US)

H01J 61/368 (2013.01 - EP US)

Cited by

DE19603300C2; DE19603301C2; CN108251887A; US7911143B2; WO2007141243A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0479088 A1 19920408; **EP 0479088 B1 19951220**; DE 4031116 A1 19920409; DE 59107117 D1 19960201; JP H04262361 A 19920917; US 5264759 A 19931123

DOCDB simple family (application)

EP 91116146 A 19910923; DE 4031116 A 19901002; DE 59107117 T 19910923; JP 28227591 A 19911001; US 76600591 A 19910926