Title (en)

HIGH-PRESSURE METAL HALIDE DISCHARGE LAMP

Publication

EP 0250920 B1 19920902 (DE)

Application

EP 87108120 A 19870604

Priority

DE 3620961 A 19860623

Abstract (en)

[origin: EP0250920A2] To avoid corrosion on the inner leads (8, 9) as a result of the corrosive filling components of a high-pressure metal halogen discharge lamp (1), two auxiliary electrodes (16, 17) of undoped tungsten wire are arranged inside the discharge space (10), each of which electrodes is electrically conductively mounted on one of the inner leads (8, 9) at the point where it emerges from the deformation (3) in the discharge space (10), the unobstructed separation (d) between the auxiliary electrodes being less than the unobstructed separation (D) between the inner leads (8, 9). In an alternative embodiment, the auxiliary electrodes are mounted on the sealing films (4, 5) embedded inside the deformation (3). The longitudinal axes of the auxiliary electrodes (16, 17) may have any angle (alpha) between 0 DEG and 90 DEG with respect to the longitudinal axes of the inner leads (8, 9). <IMAGE>

IPC 1-7

H01J 61/073; H01J 61/54

IPC 8 full level

H01J 61/073 (2006.01); **H01J 61/54** (2006.01)

CPC (source: EP)

H01J 61/073 (2013.01); **H01J 61/545** (2013.01)

Cited by

EP0343625A3; EP0418877A3; US5138229A

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