

Title (en)
DC arc lamp

Title (de)
Gleichstrombogenlampe

Title (fr)
Lampe à arc à courant continu

Publication
EP 0869537 A1 19981007 (DE)

Application
EP 98104179 A 19980309

Priority
DE 19714009 A 19970404

Abstract (en)
A novel d.c. arc lamp has a filling which contains cadmium and/or zinc in addition to an ignition gas, mercury and a halogen. Preferably, the total concentration of Cd and/or Zn is 0.05-3.0 μ mol per ml volume of lamp vessel, the lamp power consumption being up to 170 W at 0.3-3.0 μ mol/ml concentration, 170-300 W at 0.2-2.0 μ mol/ml concentration and 300-3000 W at 0.05-1.0 μ mol/ml concentration. The filling may also contain one or more of Li, In, rare earth metal (especially Dy) and Tl. Also claimed is a projection system with a projection lamp as described above.

Abstract (de)
Eine neue Metallhalogenid-Gleichstrom-Bogenlampe enthält ein neues Füllungssystem insbesondere mit Cadmium und/oder Zink und weist eine verbesserte Kolbengeometrie auf. Ferner wird Schutz für eine entsprechende Projektionsvorrichtung beansprucht. <IMAGE>

IPC 1-7
H01J 61/12; **H01J 61/86**; **H01J 61/32**

IPC 8 full level
G03B 21/14 (2006.01); **H01J 61/12** (2006.01); **H01J 61/20** (2006.01); **H01J 61/32** (2006.01); **H01J 61/86** (2006.01); **H01J 61/88** (2006.01); **H04N 5/74** (2006.01); **H05B 31/00** (2006.01)

CPC (source: EP US)
H01J 61/12 (2013.01 - EP US); **H01J 61/32** (2013.01 - EP US); **H01J 61/86** (2013.01 - EP US)

Citation (search report)

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