

Title (en)
HIGH PRESSURE GAS DISCHARGE LAMPS

Publication
EP 0506182 A3 19921230 (EN)

Application
EP 92200786 A 19920319

Priority
US 67693091 A 19910328

Abstract (en)
[origin: EP0506182A2] An improved high pressure gas discharge lamp. The lamp contains a standard arc tube (10) having electrodes (13) disposed at each end. The outer surface of at least one end of the arc tube is coated with a layer (14) of high radiative emissive material such as graphite or carbon. The coating serves to increase the radiative output of the arc tube at its so-called cold spot so as to cool the cold spot. The coating greatly decreases the voltage variation from lamp to lamp and permits manufacture of lamps within tighter voltage tolerances than have hitherto been achieved. <IMAGE>

IPC 1-7
H01J 61/35; H01J 61/24

IPC 8 full level
H01J 61/30 (2006.01); **H01J 61/24** (2006.01); **H01J 61/35** (2006.01); **H01J 61/52** (2006.01)

CPC (source: EP)
H01J 61/24 (2013.01); **H01J 61/35** (2013.01); **H01J 61/523** (2013.01)

Citation (search report)
• [YD] US 3842304 A 19741015 - BEYER L, et al
• [A] EP 0366187 A1 19900502 - PHILIPS NV [NL]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 005, no. 141 (E-073)5 September 1981 & JP-A-56 078 058 (MITSUBISHI) 26 June 1981
• [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 146 (E-605)6 May 1988 & JP-A-62 262 357 (MITSUBISHI) 14 November 1987

Cited by
EP0595399A3; DE102007045079A1; US7728495B2; WO2007082885A1; US7977884B2

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DOCDB simple family (application)
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