

Title (en)  
Discharge tube

Title (de)  
Entladungsröhre

Title (fr)  
Tube à décharge

Publication  
**EP 0378338 B1 19970402 (EN)**

Application  
**EP 90300190 A 19900108**

Priority  
JP 575389 A 19890112

Abstract (en)  
[origin: EP0378338A2] A discharge tube having a pair of opposite electrode assemblies disposed in a discharge space (6) defined by a peripheral wall and charged with gas, and an a.c. source (11) connected at one end to one of the pair of electrode assemblies and at the other end to the other of the electrode assemblies, each of said opposite electrode assemblies comprising a sintered metallic electrode (2) for emitting electrons and a filament electrode (3) disposed closely adjacent to the sintered metallic electrode (2), for emitting thermoelectrons, and the sintered metallic electrode and the filament electrode being electrically connected in parallel by means of the associated lead wires (8).

IPC 1-7  
**H01J 61/92; H01J 61/067**

IPC 8 full level  
**H01J 61/067** (2006.01)

CPC (source: EP)  
**H01J 61/067** (2013.01)

Citation (examination)  
• EP 0343625 A2 19891129 - TOSHIBA LIGHTING & TECHNOLOGY [JP]  
• Philips: Het Internationale Eenhedensystem (SI-eenheden) volgens UN-D 21 voor straling en licht. Philips (November 1976).

Cited by  
EP1271616A3; EP0467713A3; US5585694A; EP0560063A1; US7004809B2; CN102427016A; AT511690A1; GR1007827B; ES2402160R1

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**EP 0378338 A2 19900718; EP 0378338 A3 19910612; EP 0378338 B1 19970402**; DE 69030333 D1 19970507; JP H02186551 A 19900720; JP H0546048 B2 19930712; KR 900012321 A 19900803; KR 920010057 B1 19921113

DOCDB simple family (application)  
**EP 90300190 A 19900108**; DE 69030333 T 19900108; JP 575389 A 19890112; KR 900000297 A 19900111