

Title (en)

Low pressure arc discharge tube having increased voltage.

Title (de)

Niederdruckentladungsbogenlampe mit erhöhter Spannung.

Title (fr)

Tube à décharge à arc à basse pression à tension élevée.

Publication

EP 0184217 A2 19860611 (EN)

Application

EP 85115532 A 19851206

Priority

US 67895884 A 19841206

Abstract (en)

A low pressure arc discharge tube having structural means located within the envelope for raising the voltage across the arc tube. The structural means comprises at least one partition extending across the arc tube and having a dimension which is less than the electron energy relaxation distance of the arc discharge tube. Each of the partitions has at least one aperture therein which constricts the arc within the tube.

IPC 1-7

H01J 61/10; **H01J 61/72**

IPC 8 full level

H01J 61/10 (2006.01); **H01J 61/33** (2006.01)

CPC (source: EP)

H01J 61/103 (2013.01)

Cited by

US5814951A; CN1317733C; DE19547813A1; US5801495A; EP0780882A3; WO2015165843A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0184217 A2 19860611; **EP 0184217 A3 19881102**; **EP 0184217 B1 19910605**; CA 1255738 A 19890613; DE 3583120 D1 19910711; JP S61135041 A 19860623

DOCDB simple family (application)

EP 85115532 A 19851206; CA 496969 A 19851205; DE 3583120 T 19851206; JP 27264785 A 19851205