

Title (en)
IMPROVED ANODE FOR ARC DISCHARGE DEVICES

Publication
EP 0473228 A3 19920408 (EN)

Application
EP 91202143 A 19910822

Priority
US 57462090 A 19900828

Abstract (en)
[origin: EP0473228A2] Materials for the electrodes of arc discharge devices reduce arcing damage. In an X-ray tube, the anode (105) is made of a material which has a ductile-to-brittle transition temperature at or below the normal operating temperature of the device. Such an anode may be chosen from the group comprising molybdenum, tantalum, rhenium and combinations thereof. Other embodiments include spark gaps. <IMAGE>

IPC 1-7
H01J 35/08; **H01T 1/24**

IPC 8 full level
H01J 35/00 (2006.01); **H01J 35/08** (2006.01); **H01T 1/24** (2006.01)

CPC (source: EP US)
H01J 35/112 (2019.04 - EP US); **H01T 1/24** (2013.01 - EP)

Citation (search report)
• [Y] EP 0168777 A2 19860122 - SCANRAY AS [DK]
• [Y] SOVIET INVENTIONS ILLUSTRATED Section Ch, Week 7249, October 1972 Derwent Publications Ltd., London, GB; Class M, Page 30, AN 72-77985T/49 & SU-A-334 270 (HIGH MELTING METALS AND HARD ALLOYS RES. INST.) 6 May 1972
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 93 (P-838)(3441) 6 March 1989 & JP-A-63 275 987 (TOSHIBA) 14 November 1988

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0473228 A2 19920304; **EP 0473228 A3 19920408**; JP H04233143 A 19920821

DOCDB simple family (application)
EP 91202143 A 19910822; JP 23894191 A 19910827