

Title (en)
PROCESS FOR PRODUCING OXIDE CATHODE WIRES BY CATAPHORESIS COATING

Publication
EP 0263278 A3 19881207 (DE)

Application
EP 87112194 A 19870822

Priority
DE 3630224 A 19860905

Abstract (en)
[origin: US4806218A] Oxide cathode wires are produced by coating tungsten wires with emissive material by cataphoretic coating. It is important for the coating to have a substantially uniform thickness over the entire surface of the wire. This is achieved in a simple manner by reversing the polarity of the direction of current flow for a short time at the beginning of the coating process, so that the tungsten wire to be coated is connected as an anode. The remainder of the coating process is performed in a known manner with a tungsten wire connected as a cathode.

IPC 1-7
C25D 13/02; **C25D 13/16**

IPC 8 full level
C25D 13/02 (2006.01); **C25D 13/16** (2006.01); **H01J 9/04** (2006.01)

CPC (source: EP US)
C25D 13/02 (2013.01 - EP US); **C25D 13/16** (2013.01 - EP US)

Citation (search report)
[X] FR 2149561 A1 19730330 - PHILIPS NV

Cited by
US5318951A; EP0482777B1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
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EP 87112194 A 19870822; DE 3630224 A 19860905; JP 21929187 A 19870903; US 9340687 A 19870904