Title (en)

Low degassing microtip cathode

Title (de)

Mikropunktkathode mit niedriger Entgasung

Title (fr)

Cathode à micropointes à faible dégazage

Publication

EP 0987729 A1 20000322 (FR)

Application

EP 99410114 A 19990917

Priority

FR 9811823 A 19980918

Abstract (en)

Cathode with micro tips (10) for flat screen display comprising cathode conductors (3) between a substrate (1) and an isolating layer (4) of a grid comprises a layer (20) with a low coefficient of bonding visible at least between the lines of the grid. Preferably this layer (20) is alumina, zinc oxide, chromium oxide, amorphous carbon, or silicon nitride.

Abstract (fr)

L'invention concerne une cathode à micropointes (10) pour écran plat de visualisation, du type comportant des conducteurs de cathode (3), entre un substrat (1) et une couche d'isolement (4) d'une grille (5), et une couche (20) présentant un faible coefficient de collage, apparente au moins entre des lignes (13) de la grille. <IMAGE>

IPC 1-7

H01J 3/02

IPC 8 full level

H01J 31/12 (2006.01); **G09F 9/30** (2006.01); **H01J 3/02** (2006.01)

CPC (source: EP)

H01J 3/022 (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 465 (E - 1138) 26 November 1991 (1991-11-26)
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 145 (E - 407) 28 May 1986 (1986-05-28)

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