

Title (en)

ELECTRON SOURCE COMPRISING EMISSIVE CATHODES WITH MICROTIPS, AND DISPLAY DEVICE WORKING BY CATHODOLUMINESCENCE EXCITED BY FIELD EMISSION USING THIS SOURCE

Publication

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Application

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Priority

FR 8715432 A 19871106

Abstract (en)

[origin: EP0316214A1] Each cathode (5) comprises an electrically conducting layer (22) and microtips (12) and, according to the invention, a continuous resistive layer (24) is provided between the conducting layer and the microtips. The display device comprises a cathodoluminescent anode (16) opposite the source. <IMAGE>

IPC 1-7

H01J 1/30

IPC 8 full level

H01J 1/304 (2006.01); **H01J 29/04** (2006.01); **H01J 31/12** (2006.01)

CPC (source: EP KR US)

H01J 1/3042 (2013.01 - EP US); **H01J 17/06** (2013.01 - KR); **H01J 2201/319** (2013.01 - EP US)

Cited by

EP0514474A4; FR2722913A1; FR2744834A1; FR2747505A1; EP0572170A1; FR2650119A1; EP0696045A1; FR2723471A1; EP0703595A1; FR2710781A1; EP0513777A3; US5386172A; US5475280A; EP0630518A4; US5647785A; FR2724041A1; EP0651417A1; US5550435A; FR2713394A1; EP0944106A1; FR2752643A1; US6084341A; EP0706198A1; EP0725413A1; US8477156B2; US6424083B1; EP0712147A1; WO9606450A1; WO0159800A1; US6231413B1; US6435928B1; EP0454566B1

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