

Title (en)

PATTERNED SEED LAYER SUITABLE FOR A CARBON NANO-TUBE ELECTRON-EMITTING DEVICE, AND ASSOCIATED FABRICATION METHOD

Title (de)

FÜR EIN KOHLENSTOFF-NANORÖHREN-ELEKTRONENEMISSIONSBAUELEMENT GEEIGNETE STRUKTURIERTE SEED-SCHICHT UND ZUGEORDNETES HERSTELLUNGSVERFAHREN

Title (fr)

COUCHE DE GERMES A MOTIF CONVENANT A UN DISPOSITIF EMETTEUR D'ELECTRONS ET A NANO-TUBE DE CARBONE, ET PROCEDE DE PRODUCTION ASSOCIE

Publication

**EP 1695366 A1 20060830 (EN)**

Application

**EP 03818357 A 20030820**

Priority

US 0326136 W 20030820

Abstract (en)

[origin: WO2005020266A1] An electron-emitting device contains an emitter seed layer (120) patterned into multiple laterally separated sections situated between the electron-emissive elements (140), on one hand, and emitter electrodes (110), on the other hand. Sections of the seed layer are spaced apart along each emitter electrode (110) to electrically decouple electron emission elements disposed on the seed layer (120).

IPC 8 full level

**H01J 1/02** (2006.01); **H01J 1/304** (2006.01)

CPC (source: EP)

**B82Y 10/00** (2013.01); **H01J 1/304** (2013.01); **H01J 9/025** (2013.01); **H01J 2201/30469** (2013.01); **H01J 2329/0455** (2013.01)

Citation (search report)

See references of WO 2005020266A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005020266 A1 20050303**; AU 2003304451 A1 20050310; EP 1695366 A1 20060830

DOCDB simple family (application)

**US 0326136 W 20030820**; AU 2003304451 A 20030820; EP 03818357 A 20030820