

Title (en)  
PATTERNED RESISTOR LAYER SUITABLE FOR A CARBON NANO-TUBE ELECTRON-EMITTING DEVICE, AND ASSOCIATED FABRICATION METHOD

Title (de)  
FÜR EIN KOHLENSTOFF-NANORÖHREN-ELEKTRONENEMISSIONSBAUELEMENT GEEIGNETE STRUKTURIERTE WIDERSTANDSSCHICHT UND ZUGEORDNETES HERSTELLUNGSVERFAHREN

Title (fr)  
COUCHE RESISTIVE EN ILOTS DE DISPOSITIF EMETTEUR D'ELECTRONS A NANOTUBES DE CARBONE, ET PROCEDE DE FABRICATION ASSOCIE

Publication  
**EP 1695367 A1 20060830 (EN)**

Application  
**EP 03818358 A 20030820**

Priority  
US 0326313 W 20030820

Abstract (en)  
[origin: WO2005020267A1] An electron-emitting device contains an emitter resistor layer (125) patterned into multiple laterally separated sections situated between the electron-emissive elements (155), on one hand, and emitter electrodes (120), on the other hand. Sections of the seed layer (130) are spaced apart along each emitter electrode (120) to electrically decouple electron emission elements (155) disposed on the resistor layer (125).

IPC 8 full level  
**H01J 1/02** (2006.01); **H01J 1/30** (2006.01); **H01J 1/304** (2006.01)

CPC (source: EP)  
**B82Y 10/00** (2013.01); **H01J 1/3048** (2013.01); **H01J 2201/30469** (2013.01)

Citation (search report)  
See references of WO 2005020267A1

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 2005020267 A1 20050303**; AU 2003304452 A1 20050310; EP 1695367 A1 20060830

DOCDB simple family (application)  
**US 0326313 W 20030820**; AU 2003304452 A 20030820; EP 03818358 A 20030820