

Title (en)

Narrow titanium-containing wire, process for producing narrow titanium-containing wire, structure, and electron-emitting device

Title (de)

Schmaler Titan enthaltender Draht, Verfahren zur Herstellung, Struktur, und elektronemittierende Vorrichtung

Title (fr)

Fil étroit contenant du titane, procédé de fabrication, structure et dispositif émetteur d'électrons

Publication

**EP 0913850 B1 20060510 (EN)**

Application

**EP 98308817 A 19981028**

Priority

- JP 29866297 A 19971030
- JP 31393998 A 19981019

Abstract (en)

[origin: EP0913850A1] Disclosed herein is a process for producing a narrow titanium-containing wire, comprising steps of: (i) providing a structure comprising a substrate having a titanium-containing surface and a porous layer containing narrow pores extending towards the surface; and (ii) forming narrow titanium-containing wires in the respective narrow pores by heat treatment of the structure obtained in the step (i). <IMAGE>

IPC 8 full level

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CPC (source: EP)

**H01J 9/025** (2013.01)

Cited by

US6649824B1; FR2786026A1; US7087831B2; US7850941B2; USRE47287E; WO03090243A1; US6783418B2; US6787792B2

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