

Title (en)

IMPEDANCE-ASSISTED ELECTROCHEMICAL TECHNIQUE AND ELECTROCHEMISTRY FOR REMOVING MATERIAL, PARTICULARLY EXCESS EMITTER MATERIAL IN ELECTRON-EMITTING DEVICE

Title (de)

IMPEDANZUNTERSTÜTZTES ELEKTROCHEMISCHES VERFAHREN UND ELEKTROCHEMIE ZUM ENTFERNEN VON MATERIAL, INSBESONDERE VON ÜBERFLÜSSIGEM EMITTERENDEM MATERIAL, IN EINER ELEKTRONENEMITTIERENDEN VORRICHTUNG

Title (fr)

TECHNIQUE ELECTROCHIMIQUE ASSISTEE PAR IMPEDANCE ET PROCEDE ELECTROCHIMIQUE PERMETTANT D'ELIMINER UN MATERIAU, NOTAMMENT UN MATERIAU GENERATEUR D'EXCEDENTS, DANS UN DISPOSITIF EMETTEUR D'ELECTRONS

Publication

**EP 0993513 B1 20090107 (EN)**

Application

**EP 98931401 A 19980629**

Priority

- US 9812801 W 19980629
- US 88470097 A 19970630
- US 88470197 A 19970630

Abstract (en)

[origin: WO9900537A1] An impedance-assisted electrochemical procedure is employed for selectively removing certain material from a structure without significantly electrochemically attacking, and thus without significantly removing, certain other material of the same chemical type as the removed material.

IPC 8 full level

**C25D 5/02** (2006.01); **C25F 5/00** (2006.01); **B23H 3/00** (2006.01); **B44C 1/22** (2006.01); **C25D 5/48** (2006.01); **C25F 3/00** (2006.01); **C25F 3/02** (2006.01); **C25F 3/14** (2006.01); **H01J 1/02** (2006.01); **H01J 1/62** (2006.01); **H01J 9/02** (2006.01)

CPC (source: EP KR)

**C25F 3/00** (2013.01 - KR); **H01J 9/025** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB IE

DOCDB simple family (publication)

**WO 9900537 A1 19990107**; EP 0993513 A1 20000419; EP 0993513 A4 20010404; EP 0993513 B1 20090107; JP 2001508834 A 20010703; JP 3648255 B2 20050518; KR 100621293 B1 20060913; KR 20010014008 A 20010226

DOCDB simple family (application)

**US 9812801 W 19980629**; EP 98931401 A 19980629; JP 50561399 A 19980629; KR 19997012036 A 19980629