

Title (en)
FIELD EMISSION DEVICE

Title (de)
FELDEMISSIONSEINRICHTUNG

Title (fr)
DISPOSITIFS A EMISSION DE CHAMP.

Publication
EP 1690277 A2 20060816 (FR)

Application
EP 04805870 A 20041130

Priority
• FR 2004050632 W 20041130
• FR 0350953 A 20031202

Abstract (en)
[origin: FR2863102A1] Field emission device comprises: (a) cathode; (b) porous insulating layer of which the pores contain some electron emitters; (c) conducting layer, called the grid layer. An independent claim is also included for the production of this field emission device.

IPC 8 full level
H01J 9/02 (2006.01); **H01J 1/304** (2006.01)

CPC (source: EP US)
B82Y 10/00 (2013.01 - EP US); **H01J 1/304** (2013.01 - EP US); **H01J 1/3044** (2013.01 - EP US); **H01J 9/025** (2013.01 - EP US);
H01J 2201/30469 (2013.01 - EP US)

Citation (search report)
See references of WO 2005057604A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2863102 A1 20050603; FR 2863102 B1 20060428; EP 1690277 A2 20060816; JP 2007513477 A 20070524; US 2007200478 A1 20070830;
WO 2005057604 A2 20050623; WO 2005057604 A3 20051208

DOCDB simple family (application)
FR 0350953 A 20031202; EP 04805870 A 20041130; FR 2004050632 W 20041130; JP 2006541992 A 20041130; US 58148504 A 20041130