

Title (en)  
IMPROVED OXIDE-COATED CATHODE AND METHOD FOR MAKING SAME

Title (de)  
OXIDKATHODE UND ZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)  
CATHODE A OXYDES AMELIOREE ET SON PROCEDE DE FABRICATION

Publication  
**EP 1200973 A1 20020502 (FR)**

Application  
**EP 01945372 A 20010607**

Priority  
• FR 0101762 W 20010607  
• FR 0007540 A 20000614

Abstract (en)  
[origin: FR2810446A1] Oxide coated cathode (2) comprising a metal support (1) and an oxide layer (3) also includes some grains (8) of conducting material having a first end (8a) incorporated in the support (1) and a second end (8b) lodged in the oxide layer (3) to constitute conducting bridges crossing an interface layer (6) formed between the support and the oxide layer. Independent claims are included for: (a) an electronic tube; and (b) a cathode ray tube incorporating this oxide coated cathode and for methods for the fabrication of the oxide coated cathode.

IPC 1-7  
**H01J 1/14**; **H01J 9/04**

IPC 8 full level  
**H01J 1/26** (2006.01); **H01J 1/14** (2006.01); **H01J 9/04** (2006.01)

CPC (source: EP KR US)  
**H01J 1/14** (2013.01 - EP KR US); **H01J 9/042** (2013.01 - EP US)

Citation (search report)  
See references of WO 0197247A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**FR 2810446 A1 20011221**; AU 6761001 A 20011224; CN 1214436 C 20050810; CN 1388979 A 20030101; DE 60102648 D1 20040513; DE 60102648 T2 20050324; EP 1200973 A1 20020502; EP 1200973 B1 20040407; JP 2004503905 A 20040205; KR 20020019981 A 20020313; MX PA02001603 A 20020702; US 2004000854 A1 20040101; US 6759799 B2 20040706; WO 0197247 A1 20011220

DOCDB simple family (application)  
**FR 0007540 A 20000614**; AU 6761001 A 20010607; CN 01802410 A 20010607; DE 60102648 T 20010607; EP 01945372 A 20010607; FR 0101762 W 20010607; JP 2002511357 A 20010607; KR 20027001926 A 20020214; MX PA02001603 A 20010607; US 4945302 A 20020730