

Title (en)  
TUBE NECK FOR CATHODE-RAY TUBE

Title (de)  
RÖHRENHALS FÜR EINE KATHODENSTRAHLRÖHRE

Title (fr)  
COL DE TUBE POUR TUBE CATHODIQUE

Publication  
**EP 1147543 A1 20011024 (DE)**

Application  
**EP 99964456 A 19991221**

Priority  
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• DE 29823118 U 19981228

Abstract (en)  
[origin: US2002003395A1] In order to improve the definition and the breakdown behavior in a tube neck (16) that includes an anode cylinder (20) and a focusing cylinder (19), the tube neck (16) is made of a non-conductive material, particularly a ceramic. The inner surface of the anode cylinder (20) and the inner surface and the outer surface of the focusing cylinder (19) are coated with an electrically conductive material (21).

IPC 1-7  
**H01J 29/86**; **H01J 29/48**

IPC 8 full level  
**H01J 29/48** (2006.01); **H01J 29/86** (2006.01); **H01J 29/88** (2006.01); **H01J 29/92** (2006.01)

CPC (source: EP US)  
**H01J 29/86** (2013.01 - EP US); **H01J 29/88** (2013.01 - EP US)

Citation (search report)  
See references of WO 0039834A1

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**US 2002003395 A1 20020110**; **US 6504296 B2 20030107**; AT E266255 T1 20040515; DE 29823118 U1 19990225; DE 59909428 D1 20040609; EP 1147543 A1 20011024; EP 1147543 B1 20040506; JP 2003529890 A 20031007; WO 0039834 A1 20000706

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**US 89300101 A 20010628**; AT 99964456 T 19991221; DE 29823118 U 19981228; DE 59909428 T 19991221; DE 9904061 W 19991221; EP 99964456 A 19991221; JP 2000591647 A 19991221