

Title (en)

Cathode ray tube

Title (de)

Kathodenstrahlröhre

Title (fr)

Tube à rayons cathodiques

Publication

EP 0763846 A3 19971112 (DE)

Application

EP 96114110 A 19960904

Priority

DE 19534124 A 19950914

Abstract (en)

[origin: EP0763846A2] The cathode ray tube has at least one grid electrode with a stop opening (B2) and a ceramic carrier body (T2). The ceramic carrier body is made of a ceramic foil, with a foil thickness of less than 0.5 mm. The foil has a metallised surface in the vicinity of the stop opening. The metallised surface extends into the wall of the stop opening. The diameter of the metallised surface transverse to the radiation direction is less than 20 times the diameter of the stop opening e.g. between 2 and 10 times.

IPC 1-7

H01J 29/48; **H01J 3/02**

IPC 8 full level

H01J 3/02 (2006.01); **H01J 29/48** (2006.01)

CPC (source: EP US)

H01J 3/027 (2013.01 - EP US); **H01J 29/485** (2013.01 - EP US)

Citation (search report)

- [X] GB 656617 A 19510829 - EMI LTD
- [A] GB 2046511 A 19801112 - TEKTRONIX INC & DE 3010807 A1 19801016 - TEKTRONIX INC

Cited by

EP0821387A3

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0763846 A2 19970319; **EP 0763846 A3 19971112**; **EP 0763846 B1 20021218**; DE 19534124 A1 19970320; DE 59609993 D1 20030130; US 5726527 A 19980310

DOCDB simple family (application)

EP 96114110 A 19960904; DE 19534124 A 19950914; DE 59609993 T 19960904; US 71308696 A 19960912