

Title (en)

Implosion protection band for cathode ray tube

Title (de)

Implosionsschutzband für Elektronenstrahlröhre

Title (fr)

Ceinture anti-implosion pour tube à rayons cathodiques

Publication

EP 1577925 A1 20050921 (FR)

Application

EP 04100962 A 20040309

Priority

EP 04100962 A 20040309

Abstract (en)

The cathode ray tube, comprising a front panel, a skirt and a funnel-shaped rear section, has a metal anti-implosion band (30) round the outside of the panel and at least partly covering the skirt. The two ends (31, 32) of the band, which can be cut at a right angle or chamfered, are joined together by laser welding. The weld is preferably effected from opposite sides of the band, i.e. the side in contact with the tube and the side opposite it.

Abstract (fr)

Tube à rayons cathodiques comportant une ceinture anti-implosion 20 dont les extrémités 21 et 22 sont disposées bord à bord et solidarisées par soudure laser. Cette technique permet d'obtenir une ceinture anti-implosion d'épaisseur sensiblement constante autour du panneau avant du tube
<IMAGE>

IPC 1-7

H01J 29/87; **B23K 26/24**

IPC 8 full level

B23K 26/24 (2006.01); **C22C 38/00** (2006.01); **H01J 29/87** (2006.01)

CPC (source: EP)

H01J 29/87 (2013.01)

Citation (search report)

- [XY] US 2001010448 A1 20010802 - NISHIKATA KOICHI [JP]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 23 10 February 2001 (2001-02-10)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 324 (E - 1564) 20 June 1994 (1994-06-20)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 017, no. 593 (E - 1454) 28 October 1993 (1993-10-28)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 015, no. 405 (E - 1122) 16 October 1991 (1991-10-16)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1577925 A1 20050921; WO 2005098892 A1 20051020

DOCDB simple family (application)

EP 04100962 A 20040309; FR 2004050271 W 20040610