

Title (en)

Glass front-panel and cathode ray tube incorporating the same

Title (de)

Glasfrontplatte und damit versehene Kathodenstrahlröhre

Title (fr)

Panneau frontal en verre et tube à rayons cathodiques incorporant celui-ci

Publication

EP 0651423 B1 19980304 (EN)

Application

EP 95100535 A 19910912

Priority

- EP 91308343 A 19910912
- JP 24342590 A 19900913

Abstract (en)

[origin: EP0651423A1] In a glass front-panel (1) for a cathode ray tube (12), whose surface layer contains more potassium ions than those in the interior thereof, and whose flange (1c) is stuck to a rear panel (10) to form a vacuum vessel, the surface layer of the flange portion (1c) is substantially removed or eluted. A belt-like electrode (2) for making the gradient of electric potential smoother is disposed on a surface of the side wall portion (1b), so that the cathode ray tube (12) is prevented from being damaged due to dielectric breakdown. <IMAGE>

IPC 1-7

H01J 29/86; H01J 29/92; H01J 9/24

IPC 8 full level

H01J 29/86 (2006.01); **H01J 29/92** (2006.01)

CPC (source: EP)

H01J 29/863 (2013.01); **H01J 29/92** (2013.01); **H01J 2329/00** (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0651423 A1 19950503; **EP 0651423 B1 19980304**

DOCDB simple family (application)

EP 95100535 A 19910912