

Title (en)

TENSION MASK FRAME FOR A CATHODE-RAY TUBE (CRT) HAVING TRANSVERSE SCAN

Title (de)

ANSPANNUNGSMASKENRAHMEN FÜR EINE KATHODENSTRAHLRÖHRE (CRT) MIT QUERRASTER

Title (fr)

CADRE DE MASQUE DE TENSION POUR TUBE CATHODIQUE PRESENTANT UN BALAYAGE TRANSVERSAL

Publication

**EP 1656686 A1 20060517 (EN)**

Application

**EP 03818354 A 20030820**

Priority

US 0326029 W 20030820

Abstract (en)

[origin: WO2005020270A1] A high aspect ratio cathode-ray tube (CRT) including a luminescent screen (28), an aperture mask (30) configured for transverse scan, an electron gun (32) and a magnetic deflection yoke (34). The electron gun (32) and the magnetic deflection yoke (34) are positioned so that the electron beams generated in the gun (32) scan a rectangular raster across the luminescent screen parallel to the tube minor axis (transverse scan) to improve the current requirements for the magnetic deflection yoke (34).

IPC 1-7

**H01J 29/80**

IPC 8 full level

**H01J 29/80** (2006.01); **H01J 29/07** (2006.01)

CPC (source: EP)

**H01J 29/07** (2013.01); **H01J 2229/0744** (2013.01)

Designated contracting state (EPC)

DE FR GB HU IT

DOCDB simple family (publication)

**WO 2005020270 A1 20050303**; AU 2003262732 A1 20050310; CN 1849689 A 20061018; EP 1656686 A1 20060517; EP 1656686 A4 20080716; JP 2007521609 A 20070802

DOCDB simple family (application)

**US 0326029 W 20030820**; AU 2003262732 A 20030820; CN 03826933 A 20030820; EP 03818354 A 20030820; JP 2005508274 A 20030820