

Title (en)

Supporting frame for shadow mask for colour cathode ray tube and fabrication method

Title (de)

Tragrahmen für Schattenmaske für Farbbildröhre und Verfahren zur Herstellung

Title (fr)

Cadre support de masque d'ombre pour tube cathodique de visualisation en couleur et procédé de fabrication

Publication

**EP 1248280 B1 20051102 (FR)**

Application

**EP 02290805 A 20020329**

Priority

- FR 0104527 A 20010403
- FR 0114066 A 20011030

Abstract (en)

[origin: US2002140355A1] A shadow mask support frame for a colour cathode ray tube has a rectangular shape overall comprises two end uprights and two lateral uprights. The lateral uprights have a straight main part and two end parts each connected by at least one joining portion to an end upright. The lateral uprights have axes parallel to each other situated in a plane parallel to a reference plane of the frame. Each of the joining portions is in contact through a lateral face with an internal face of a substantially flat wall perpendicular to the reference plane of the frame, so that the end uprights of the frame are in abutment on the joining portions.

IPC 1-7

**H01J 29/07**; **H01J 9/14**

IPC 8 full level

**H01J 9/14** (2006.01); **H01J 29/02** (2006.01); **H01J 29/07** (2006.01); **H04N 5/65** (2006.01)

CPC (source: EP KR US)

**H01J 9/142** (2013.01 - EP US); **H01J 29/07** (2013.01 - KR); **H01J 29/073** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1248280 A1 20021009**; **EP 1248280 B1 20051102**; AT E308797 T1 20051115; BR 0201079 A 20030107; CA 2378688 A1 20021003; CN 1244125 C 20060301; CN 1379432 A 20021113; CZ 20021145 A3 20021113; DE 60206993 D1 20051208; FR 2823006 A1 20021004; FR 2823007 A1 20021004; FR 2823007 B1 20030627; JP 2002313253 A 20021025; JP 3548559 B2 20040728; KR 100826950 B1 20080502; KR 20020079444 A 20021019; MX PA02003371 A 20040716; PL 353153 A1 20021007; RU 2002108344 A 20031220; SG 100787 A1 20031226; TW 543062 B 20030721; US 2002140355 A1 20021003; US 6703774 B2 20040309

DOCDB simple family (application)

**EP 02290805 A 20020329**; AT 02290805 T 20020329; BR 0201079 A 20020403; CA 2378688 A 20020327; CN 02108785 A 20020402; CZ 20021145 A 20020402; DE 60206993 T 20020329; FR 0104527 A 20010403; FR 0114066 A 20011030; JP 2002090817 A 20020328; KR 20020018229 A 20020403; MX PA02003371 A 20020402; PL 35315302 A 20020403; RU 2002108344 A 20020402; SG 200201887 A 20020328; TW 91106354 A 20020329; US 10986202 A 20020401