

Title (en)

Support frame for a shadow mask of a display cathode ray tube

Title (de)

Tragrahmen für eine Schattenmaske einer Kathodenstrahlröhrenanzeige

Title (fr)

Cadre support de masque d'ombre de tube de visualisation cathodique

Publication

EP 1032016 B1 20011024 (FR)

Application

EP 00400356 A 20000208

Priority

FR 9902129 A 19990219

Abstract (en)

[origin: EP1032016A1] The support frame for a planar mask pertaining to a cathodic colour display tube, which is generally rectangular in shape, comprises two vertical end members (41,41') that are placed opposite each other and can receive a planar mask, in addition to two side members (40,40') that keep the vertical end members separate from each other. The vertical end members and the side members are generally tubular in shape and are assembled in such a way as to constitute a practically continuous hollow body, whereby it is possible to define a closed planar line that is located fully inside the hollow body and passes inside each vertical end and side member. The inventive support frame can be made by folding a single metal strip or by interlocking two pressed casting moulds. The production method involves folding.

IPC 1-7

H01J 29/07

IPC 8 full level

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

CPC (source: EP KR US)

H01J 29/02 (2013.01 - KR); **H01J 29/073** (2013.01 - EP US)

Cited by

EP1775749A1; EP1248280A1; FR2823006A1; FR2823007A1; US6988390B2; WO03044822A1

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