Title (en)

Suspension device for a shadow mask of a display cathode ray tube using a bimetal and bimetal

Title (de)

Mit einem Bimetall ausgerüstete Aufhängevorrichtung für eine Schattenmaske einer Kathodenstrahlröhrenanzeige und Bimetall

Title (fr)

Dispositif de suspension du masque d'ombre d'un tube de visualisation cathodique comprenant un bilame et bilame

Publication

EP 0851454 A1 19980701 (FR)

Application

EP 97402908 A 19971203

Priority

FR 9616253 A 19961231

Abstract (en)

A suspension device (8) for a CRT shadow mask (1) consists of a thermostatic bimetallic strip (10) exhibiting a deflection at 60-130 degrees C which is less than (preferably less than 0.8, especially less than 0.65 times) that at 20-60 degrees C. Also claimed is a bimetallic strip exhibiting a deflection at 60-130 degrees C which is less than that at 20-60 degrees C and which preferably consists of an austenitic stainless steel and an Fe-Ni alloy containing 27-32 wt.% Ni.

Abstract (fr)

Dispositif de suspension (8) du masque d'ombre (1) d'un tube de visualisation cathodique, du type comprenant un bilame thermostatique (10) dont la déflexion entre 60 °C et 130 °C est inférieure à la déflexion entre 20 °C et 60 °C. Bilame dont la déflexion entre 60 °C et 130 °C est inférieure à la déflexion entre 20 °C et 60 °C. <IMAGE>

IPC 1-7

H01J 29/07; G12B 1/02

IPC 8 full level

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); H01J 2229/0711 (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 205 (E - 136) 16 October 1982 (1982-10-16)

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