

Title (en)

Image intensifier tube, particularly of the proximity focusing type

Title (de)

Bildverstärkerröhre, insbesondere für Nahfokusröhre

Title (fr)

Tube intensificateur d'image, notamment du type à focalisation de proximité

Publication

**EP 0554145 B1 19951213 (FR)**

Application

**EP 93400150 A 19930122**

Priority

FR 9201090 A 19920131

Abstract (en)

[origin: EP0554145A1] The invention relates to image intensifier tubes of the proximity focusing type, in which it relates particularly to the positioning of a primary screen (19) with respect to a microchannel wafer (7). An image intensifier tube according to the invention includes a sealed enclosure (2) containing a primary screen (19) and a microchannel wafer (7). The microchannel wafer (7) is fixed to the body (2) of the enclosure. According to one characteristic of the invention, the primary screen (19) is fixed to the wafer (7), from which it is kept separated with the aid of at least one insulating wedge (25, 25a). This results in greater accuracy and greater uniformity of the spacing between the primary screen (19) and the microchannel wafer (7). <IMAGE>

IPC 1-7

**H01J 31/50**; **H01J 29/82**

IPC 8 full level

**H01J 29/38** (2006.01); **H01J 29/82** (2006.01); **H01J 31/50** (2006.01)

CPC (source: EP US)

**H01J 29/82** (2013.01 - EP US); **H01J 31/506** (2013.01 - EP US)

Cited by

EP0721653A4; FR2906400A1; EP1906432A1; US7728519B2

Designated contracting state (EPC)

DE FR NL

DOCDB simple family (publication)

**EP 0554145 A1 19930804**; **EP 0554145 B1 19951213**; DE 69300980 D1 19960125; DE 69300980 T2 19960523; FR 2687007 A1 19930806; FR 2687007 B1 19940325; JP 3468789 B2 20031117; JP H06267466 A 19940922; US 5338927 A 19940816

DOCDB simple family (application)

**EP 93400150 A 19930122**; DE 69300980 T 19930122; FR 9201090 A 19920131; JP 1364493 A 19930129; US 1078193 A 19930129