

Title (en)

X-ray image intensifier tube housing.

Title (de)

Umhüllung eines Röntgenbildverstärkers.

Title (fr)

Gaine de tube intensificateur d'image radiologique.

Publication

EP 0540392 A1 19930505 (FR)

Application

EP 92402831 A 19921016

Priority

FR 9113488 A 19911031

Abstract (en)

The invention relates, in particular, to protection from X-radiation in image intensifier tube housings. <??>The housing according to the invention comprises, on the one hand, an envelope (25) of a thermoplastic material loaded with a powder of an X-radiation absorbent material, and on the other hand, a shield (24) against external magnetic fields, the said shield being in contact with the envelope. <??>The X-radiation absorbent screen thus consists at least partially of the envelope (25). <IMAGE>

Abstract (fr)

L'invention concerne notamment la protection vis-à-vis des rayonnements X dans les gaines de tubes intensificateurs d'images. La gaine conforme à l'invention comprend d'une part une enveloppe (25) en un matériau thermoplastique chargé par une poudre d'un matériau absorbant le rayonnement X, et d'autre part un blindage (24) vis-à-vis des champs magnétiques extérieurs, ledit blindage étant au contact avec l'enveloppe. L'écran absorbant le rayonnement X est ainsi constitué au moins partiellement par l'enveloppe (25). <IMAGE>

IPC 1-7

H01J 29/86; H01J 31/50

IPC 8 full level

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CPC (source: EP US)

H01J 29/867 (2013.01 - EP US); **H01J 2231/50036** (2013.01 - EP US)

Citation (search report)

- [Y] WO 9113456 A1 19910905 - TOSHIBA KK [JP]
- [A] US 4171480 A 19791016 - WULMS CHRISTIAAN J G H [NL]
- [A] EP 0023051 A1 19810128 - TOSHIBA KK [JP]
- [Y] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 125 (P-847), 29 mars 1989; & JP-A-63 293 500 (MITSUBISHI CABLE IND. LTD) 30-11-1988

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DE FR NL

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