

Title (en)
X-ray image intensifier.

Title (de)
Röntgenbildverstärker.

Title (fr)
Intensificateur d'images de rayons X.

Publication
EP 0360906 B1 19940504 (DE)

Application
EP 88116129 A 19880929

Priority
EP 88116129 A 19880929

Abstract (en)
[origin: US4960987A] An x-ray image intensifier for use in an x-ray diagnostic system has an electrode system for focusing electrons generated by incident x-radiation on an input luminescent screen onto an output luminescent screen. For reducing manufacturing and assembly costs, the electrodes of the electrode system are applied as a coat on the inside of a one-piece sheet metal part which forms the wall of the x-ray image intensifier between the input and output luminescent screens. The coat is adapted in shape as needed to form the electrodes, and the sheet metal wall, with the electrodes thereon, has different diameters along its longitudinal length matched to the required electrode diameters.

IPC 1-7
H01J 31/50; **H01J 29/88**

IPC 8 full level
H01J 29/88 (2006.01); **H01J 31/50** (2006.01)

CPC (source: EP US)
H01J 29/88 (2013.01 - EP US); **H01J 31/501** (2013.01 - EP US); **H01J 2229/885** (2013.01 - EP US)

Cited by
DE19641625A1; US6147446A; EP0721653A4; DE19641626A1; DE19641627A1; FR2754385A1; EP0608168B2

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 0360906 A1 19900404; **EP 0360906 B1 19940504**; DE 3889454 D1 19940609; JP 2584520 Y2 19981105; JP H0249057 U 19900405; US 4960987 A 19901002

DOCDB simple family (application)
EP 88116129 A 19880929; DE 3889454 T 19880929; JP 11082889 U 19890920; US 40521889 A 19890911