

Title (en)
X-RAY IMAGE INTENSIFIER

Publication
EP 0187258 B1 19890426 (DE)

Application
EP 85115256 A 19851202

Priority
DE 3445007 A 19841210

Abstract (en)
[origin: US4717860A] An x-ray image intensifier having a tube bulb and an output window being mounted in a metal frame. The frame is inserted into the tube bulb and attached to the tube bulb in a region of the output window characterized by the output window being a glass window having a luminophor layer applied thereto, the output window being connected to the frame by only a single metal solder connection of soft solder so that the pane having the luminophor layer can be soldered to the frame without damaging the luminophor layer. Preferably, a peripheral edge of the window pane is free of the luminophor layer, and this peripheral edge has at least one adhesive layer deposited at the location for the solder connection.

IPC 1-7
H01J 5/26; **H01J 9/26**; **H01J 29/86**

IPC 8 full level
H01J 31/50 (2006.01); **B23K 35/24** (2006.01); **B23K 35/26** (2006.01); **H01J 5/26** (2006.01); **H01J 9/26** (2006.01); **H01J 29/86** (2006.01)

CPC (source: EP US)
H01J 5/26 (2013.01 - EP US); **H01J 9/263** (2013.01 - EP US); **H01J 29/86** (2013.01 - EP US)

Cited by
DE19641627A1; US4834298A; EP0253561A1; EP0334734A1; FR2629267A1; US5028842A

Designated contracting state (EPC)
DE FR NL

DOCDB simple family (publication)
EP 0187258 A1 19860716; **EP 0187258 B1 19890426**; DE 3569850 D1 19890601; JP S61140039 A 19860627; US 4717860 A 19880105

DOCDB simple family (application)
EP 85115256 A 19851202; DE 3569850 T 19851202; JP 27489685 A 19851205; US 80681885 A 19851210