

Title (en)

X-RAY DIAGNOSTIC APPARATUS WITH AN IMAGE INTENSIFIER TELEVISION SYSTEM

Publication

EP 0092705 B1 19860716 (DE)

Application

EP 83103365 A 19830406

Priority

DE 3215114 A 19820423

Abstract (en)

[origin: US4530007A] An x-ray diagnostic system having an image intensifier television chain includes sensors for respectively monitoring the presence of x-radiation from an x-ray tube, the presence of light at the output of an x-ray image intensifier, and the presence of a video signal corresponding to the x-ray image. Each sensor supplies an electronic signal to a safety circuit which is connected to the high voltage generator for the x-ray tube. If, after the presence of x-radiation is detected, no light and/or no video signal is detected, the safety circuit automatically disconnects the x-ray tube from the high voltage generator.

IPC 1-7

H05G 1/54; **H05G 1/64**

IPC 8 full level

H04N 7/18 (2006.01); **A61B 6/00** (2006.01); **H05G 1/54** (2006.01); **H05G 1/64** (2006.01)

CPC (source: EP US)

H05G 1/54 (2013.01 - EP US); **H05G 1/64** (2013.01 - EP US)

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FR GB

DOCDB simple family (publication)

EP 0092705 A1 19831102; **EP 0092705 B1 19860716**; DE 3215114 A1 19831027; JP H0317200 B2 19910307; JP S58197699 A 19831117; US 4530007 A 19850716

DOCDB simple family (application)

EP 83103365 A 19830406; DE 3215114 A 19820423; JP 7132483 A 19830422; US 47574783 A 19830316