

Title (en)

Arrangement for producing X-ray photographs.

Title (de)

Anordnung zum Erzeugen von Röntgenaufnahmen.

Title (fr)

Installation de production de radiographies.

Publication

EP 0456322 B1 19950809 (DE)

Application

EP 91201075 A 19910506

Priority

DE 4015113 A 19900511

Abstract (en)

[origin: EP0456322A2] The invention relates to an arrangement for producing X-ray photographs by means of an X-ray source for generating an X-ray beam, a photoconductor for converting X-ray radiation into a charge pattern which is applied to a carrier that is constructed in a rotationally symmetrical fashion with respect to an axis of rotation, a drive unit for driving the carrier about the axis of rotation, and a read-out unit which after the taking of an X-ray photograph converts the charge pattern on the surface of the rotating converter into electrical image values. The invention achieves a shorter taking time (in conjunction with an unchanged short time for reading out the photoconductor) due to the fact that the converter does not rotate during the taking of an X-ray photograph. <IMAGE>

IPC 1-7

G03G 15/05; **G01T 1/29**

IPC 8 full level

A61B 6/00 (2006.01); **G01T 1/29** (2006.01); **G03B 42/02** (2006.01); **G03G 15/05** (2006.01); **G03G 15/054** (2006.01)

CPC (source: EP US)

G03G 15/054 (2013.01 - EP US)

Cited by

EP0735439A1; US5711835A; US5519750A; EP0530911B1; EP0517302B1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0456322 A2 19911113; **EP 0456322 A3 19921230**; **EP 0456322 B1 19950809**; DE 4015113 A1 19911114; DE 59106180 D1 19950914; ES 2078427 T3 19951216; FI 912222 A0 19910508; FI 912222 A 19911112; JP H0690937 A 19940405; US 5093851 A 19920303

DOCDB simple family (application)

EP 91201075 A 19910506; DE 4015113 A 19900511; DE 59106180 T 19910506; ES 91201075 T 19910506; FI 912222 A 19910508; JP 10267391 A 19910508; US 69397391 A 19910429