

Title (en)

X-RAY LAMINOGRAPHY AND/OR TOMOSYNTHESIS APPARATUS

Title (de)

VORRICHTUNG ZUR RÖNTGEN-LAMINOGRAPHIE UND/ODER TOMOSYNTHESE

Title (fr)

DISPOSITIF DE LAMINOGRAPHIE DE RADIOGRAPHIE ET/OU TOMOSYNTHÈSE

Publication

EP 1893983 A1 20080305 (DE)

Application

EP 06753996 A 20060531

Priority

- EP 2006005167 W 20060531
- DE 102005026578 A 20050608

Abstract (en)

[origin: WO2006131241A1] Disclosed is an X-ray laminography and/or tomosynthesis apparatus (2) comprising a stationary X-ray tube (4) with an X-ray source for generating X-rays in order to scanningly radiograph an object (6) that is to be examined, a stationary fixture (8) for the object (6) that is to be examined, said stationary fixture (8) being arranged in a stationary manner during a radiographic session, and a stationary X-ray detector (10) for detecting the X-rays once the object (6) that is to be examined has been radiographed. The inventive X-ray detector (10) is provided with a substantially planar detection surface (12) whose dimensions are selected taking into account the distance of the X-ray source from the object (6) that is to be examined and the distance of the object (6) that is to be detected from the X-ray detector such that the X-rays always impinge the detection surface (12) during the scanning process after radiographing the object (6).

IPC 8 full level

G01N 23/04 (2006.01)

CPC (source: EP KR US)

G01N 23/044 (2018.01 - EP KR); **G01N 23/046** (2013.01 - US); **G01N 2223/419** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2006131241A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006131241 A1 20061214; DE 102005026578 A1 20061221; EP 1893983 A1 20080305; JP 2008542772 A 20081127; KR 20080022089 A 20080310; US 2008170662 A1 20080717

DOCDB simple family (application)

EP 2006005167 W 20060531; DE 102005026578 A 20050608; EP 06753996 A 20060531; JP 2008515099 A 20060531; KR 20077028273 A 20071204; US 98755007 A 20071130