

Title (en)

X-ray diagnostic apparatus having a plurality of focal points and a movable primary collimator

Title (de)

Röntgenuntersuchungsgerät mit mehreren Brennflecken und verschiebarer Primärstrahlenblende

Title (fr)

Appareil de radiodiagnostic avec plusieurs foyers et un collimateur primaire déplaçable

Publication

EP 0685200 B1 20020828 (DE)

Application

EP 95105219 A 19950406

Priority

SE 9401904 A 19940602

Abstract (en)

[origin: EP0685200A1] The object (37) under examination is compressed between a plate (33) and the table (3) for irradiation with the prim. X-ray beam from the rotatable anode (4) which has two focal-spot tracks (6, 7) inclined at the same angle and impacted by electrons from four cathodes (8-11). The edges (34, 35) of the beam are defined by coarse and fine apertures (19, 22). The cathodes produce four focal spots (12-15) spaced apart on the anode rim and selected by straight-line movement of the screen (2) contg. the fine aperture (22), by means of the stepping motor (28) and a sighting lamp (31) and mirror (32). <IMAGE>

IPC 1-7

A61B 6/00

IPC 8 full level

A61B 6/00 (2006.01); **G21K 1/04** (2006.01); **H01J 35/24** (2006.01); **H05G 1/52** (2006.01)

CPC (source: EP US)

G21K 1/04 (2013.01 - EP US); **H01J 35/24** (2013.01 - EP US); **H05G 1/52** (2013.01 - EP US); **H01J 2235/068** (2013.01 - EP US)

Citation (examination)

- DE 4410757 A1 19950119 - SIEMENS AG [DE]
- DE 3136806 A1 19830331 - SIEMENS AG [DE]
- DE 4323928 A1 19940511 - HEWLETT PACKARD CO [US]

Cited by

EP1623672A1; EP0794536A1; US5844962A; US6714627B1; WO0013189A1

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