

Title (en)

RADIATION SOURCE FOR THE GENERATION OF ESSENTIALLY MONOCHROMATIC X-RAYS

Publication

**EP 0292055 B1 19920408 (DE)**

Application

**EP 88200941 A 19880511**

Priority

DE 3716618 A 19870518

Abstract (en)

[origin: US4903287A] The invention relates to a fluorescence radiation source in which an anode which encloses a member is struck by electrons on its side which faces the member and in which the primary X-ray radiation generated in the anode generates fluorescence radiation in the member. The member is preferably arranged within an enclosing shield which keeps scattered electrons remote from the member.

IPC 1-7

**G21K 3/00**; **H01J 35/02**; **H01J 35/12**

IPC 8 full level

**G21K 3/00** (2006.01); **H01J 35/02** (2006.01); **H01J 35/04** (2006.01); **H01J 35/06** (2006.01); **H01J 35/08** (2006.01); **H01J 35/12** (2006.01); **H01J 35/18** (2006.01)

CPC (source: EP US)

**H01J 35/02** (2013.01 - EP US); **H01J 35/04** (2013.01 - EP US); **H01J 35/066** (2019.04 - EP US); **H01J 35/116** (2019.04 - EP US); **H01J 35/186** (2019.04 - EP US); **H01J 2235/168** (2013.01 - EP US)

Cited by

EP0432568A3; EP1988564A4; EP0777255A1; EP1418610A1; EP0459567A3; US7050543B2

Designated contracting state (EPC)

AT DE FR GB NL

DOCDB simple family (publication)

**EP 0292055 A2 19881123**; **EP 0292055 A3 19890419**; **EP 0292055 B1 19920408**; AT E74690 T1 19920415; DE 3716618 A1 19881208; DE 3869829 D1 19920514; JP 2747295 B2 19980506; JP S63304557 A 19881212; US 4903287 A 19900220

DOCDB simple family (application)

**EP 88200941 A 19880511**; AT 88200941 T 19880511; DE 3716618 A 19870518; DE 3869829 T 19880511; JP 11715588 A 19880516; US 19463188 A 19880516