

Title (en)

X-RAY SOURCE, USE THEREOF AND METHOD FOR PRODUCING X-RAYS

Title (de)

RÖNTGENSTRAHLUNGSQUELLE UND DEREN VERWENDUNG UND VERFAHREN ZUM ERZEUGEN VON RÖNTGENSTRAHLUNG

Title (fr)

SOURCE DE RAYONS X, SON UTILISATION ET PROCÉDÉ POUR PRODUIRE DES RAYONS X

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013185823A1] The invention relates to an x-ray source in which, in particular, monochromatic x-rays can be produced. The invention also relates to a method for producing X-rays and to the use of the x-ray source for x-raying bodies. According to the invention, a metallic film is arranged in a housing (19) as a target (11) which is bombarded with the electron beam (13). As a result, said metallic film is excited for emitting monochromatic x-rays (18), said relatively thin-walled target (11) being modified such that the intended use for producing monochromatic x-rays is no longer possible. Therefore, advantageously, the production device (26) can be pivoted for producing the electron beam as well as being able to wind the target on rollers (28, 29).

IPC 8 full level

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Citation (search report)

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