

Title (en)

X-RAY SOURCE AND SYSTEM AND METHOD FOR GENERATING X-RAY RADIATION

Title (de)

RÖNTGENQUELLE SOWIE SYSTEM UND VERFAHREN ZUR ERZEUGUNG VON RÖNTGENSTRAHLUNG

Title (fr)

SOURCE DE RAYONS X ET SYSTÈME ET PROCÉDÉ DE GÉNÉRATION DE RAYONNEMENT DE RAYONS X

Publication

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Application

**EP 21717064 A 20210407**

Priority

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Abstract (en)

[origin: WO2021204846A1] The invention relates to an X-ray source (10) comprising at least one waveguide (30) for X-ray radiation, wherein the at least one waveguide (30) has a core (32) and a casing (40) surrounding the core (32), and wherein at least one part of the waveguide (30) is designed to emit X-ray radiation (50), if the part of the waveguide (30) is bombarded with electrons (52). The invention also relates to a system for generating X-ray radiation comprising an X-ray source of this type, and a method for generating X-ray radiation by means of an X-ray source of this type or a system of this type.

IPC 8 full level

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