

Title (en)
X-RAY OPTICAL SYSTEM

Title (de)
RÖNTGENOPTISCHE ANORDNUNG

Title (fr)
DISPOSITIF OPTIQUE A RAYONS X

Publication
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Application
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Abstract (en)
[origin: WO0194987A2] The invention relates to an X-ray optical system with an X-ray source, an element that focuses the X-rays and an element that reflects them. In order to generate parallel X-radiation with small beam cross-section and high photon density, the X-radiation of the X-ray source is directed with its focusing element to the convex, parabolic and reflecting surface of the reflecting element. The inventive X-ray optical system is useful for X-ray analysis, e.g. in X-ray diffractometry, reflectometry and/or fluorescence analysis.

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G21K 1/06

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