

Title (en)

DEVICE FOR GENERATING ULTRA-SHORT X-RAY PULSES

Title (de)

VORRICHTUNG ZUR ERZEUGUNG VON ULTRAKURZEN RÖNTGENSTRAHLEN-IMPULSEN

Title (fr)

DISPOSITIF DE G N RATION D'IMPULSIONS ULTRA-COURTES DE RAYONNEMENT X

Publication

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Application

EP 97935647 A 19970729

Priority

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- FR 9609577 A 19960730

Abstract (en)

[origin: WO9805189A1] A device for generating ultra-short X-ray pulses is disclosed. The device includes means (54) for generating a pulsed X-ray beam, means (56) for converting said beam into a substantially parallel beam, first and second multilayer lamellar X-ray arrays (60, 62) in mutually optically conjugated positions, and X-ray focusing means (64, 66) having a common focus and arranged between the arrays. The second array provides the ultra-short pulses. The device is useful for characterising media.

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