

Title (en)

METHOD AND RADIATION GENERATING SYSTEM USING MICROTARGETS

Title (de)

VERFAHREN UND STRAHLERZEUGUNGSVORRICHTUNG MITTELS MIKROTARGETS

Title (fr)

PROCEDE ET SYSTEME DE GENERATION DE RAYONNEMENTS AU MOYEN DE MICROCIBLES

Publication

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Application

EP 00973974 A 20001027

Priority

- US 0029743 W 20001027
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Abstract (en)

[origin: WO0131678A1] A system and method for generating radiation of a desired wavelength is provided by irradiating microtargets (101, 210). These microtargets (101, 210) are selected from any material that will emit radiation of the desired wavelength. A dispensing apparatus (100, 200) delivers a microtarget into an irradiation zone, where the microtarget is irradiated by an energy source (132). The microtarget (101, 210) may be dispensed in liquid or solid form. Once formed, the desired radiation is directed from the irradiation zone to a beamline while a debris removal arrangement that is in communication with the irradiation zone (117), the energy source (132), and the beamline (142) substantially prevents debris and other pollutants from contaminating the system equipment.

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