

Title (en)

LENS FOR HIGH-ENERGY RADIATION, ITS USE AND ITS MANUFACTURE

Title (de)

LINSE FÜR HOCHENERGETISCHE STRAHLUNG, IHRE VERWENDUNG UND IHRE HERSTELLUNG

Title (fr)

LENTILLE POUR RAYONNEMENT A HAUTE ENERGIE, SON APPLICATION ET SA FABRICATION

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Application

EP 95935371 A 19950923

Priority

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Abstract (en)

[origin: DE4438362A1] The invention concerns a lens for high-energy radiation, the lens consisting of a disc which is opaque to the radiation and which has a first face and a second face and a multiplicity of capillary channels of diameter 50 μ m at the most. The capillaries are disposed in such a way that they run from the first face to the second face of the disc and the extensions of their longitudinal axes meet at a common line or point, the common line or point lying behind the second face of the disc. The lens is intended for use in focussing an X-ray, gamma-ray or particle beam. Also described are methods of manufacturing the lens.

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IPC 8 full level

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