

Title (en)
COLLIMATOR FOR X-RAY BEAM

Title (de)
KOLLIMATOR FÜR RÖNTGENSTRAHL

Title (fr)
COLLIMATEUR POUR UN FAISCEAU DE RAYONS X

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Application
EP 11722906 A 20110426

Priority
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Abstract (en)
[origin: WO2011135510A1] The invention relates to a collimation device for an X-ray beam, to an optical device for analysing a specimen (105) by the scattering of an X-ray beam, and a collimator for an X-ray beam. The collimation device comprises an enclosure (110) intended to be under a vacuum or a controlled atmosphere, the enclosure (110) having an inlet (120) and an outlet (121) for the beam and at least one plate (104) made of a material having a diffracting periodic structure, said plate (104) having two main faces (104a, 104b) and at least one flared aperture (104c) between said faces.

IPC 8 full level
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• JP 2002250704 A 20020906 - RIGAKU DENKI CO LTD
• EP 0565069 A1 19931013 - FRAUNHOFER GES FORSCHUNG [DE]
• JP 2007218605 A 20070830 - RIGAKU DENKI CO LTD
• SU 1744610 A1 19920630 - MO GEOLOGORAZVEDOCH INST [SU]

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