

Title (en)

METHODS AND APPARATUS FOR DETECTING AND IMAGING PARTICLES

Title (de)

VERFAHREN UND APPARAT FÜR DEN NACHWEIS VON TEILCHEN UND DIE ABBILDUNG DURCH DIESE TEILCHEN

Title (fr)

PROCEDE ET APPAREIL DE DETECTION ET D'IMAGERIE DE PARTICULES

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Application

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Abstract (en)

[origin: WO9523348A1] A method and apparatus for ultrasensitive detection and quantification of particle emissions from an emitter to produce a large format high resolution digital image of the spatial distribution of detected emissions is described. In one embodiment, the detector apparatus consist of a plurality of solid state imaging devices, such as an array of charge-coupled devices arranged in close proximity to the emitter in a manner to produce the relatively large format digital image without the need for a lens between the emitter and detector.

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