

Title (en)

A RADIATION DETECTION DEVICE COMPRISING TWO SLIT PLATES

Title (de)

STRAHLUNGSDETEKTORANORDNUNG MIT ZWEI SCHLITZPLATTEN

Title (fr)

APPAREIL DETECTEUR DE RAYONNEMENT AVEC DEUX PLAQUES A FENTES

Publication

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Application

**EP 07747308 A 20070510**

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Abstract (en)

[origin: WO2007133068A2] The invention provides a radiation detection system, comprising a detector plate that is sensitive to radiation, and an imaging system that is arranged to form an image of an object to be examined on the detector plate and that comprises a first slit plate with at least a first slit, and a second slit plate that is positioned between the first slit plate and the detector plate and with a second slit that makes a non-zero angle with the first slit, wherein the first and second slit together define a pinhole passage, wherein at least one of the at least one first and second slits may be changed in least one of its width or its position with respect to at least one of the other of the at least one first and second slits and the detector plate. With the radiation detection device according to the invention, it is achieved that many more settings of the device become possible for examination with radiation.

IPC 8 full level

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