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(54) Title: RADIATION SOURCE, RADIOGRAPHY DEVICE, AND A METHOD FOR ANALYZING OBJECTS BY THE RADIOGRAPHY DEVICE

(57) Abstract: A radiation source (100) for a radiation beam (125) of combined neutrons and X-rays comprises: a particle source (110) and a converter (120). The particle source (110) is adapted to generate an ion and/or an electron beam (115). The converter (120) is adapted to utilize the particle beam (115) to generate the radiation beam (125) that includes simultaneously neutrons and X-rays, and to emit the radiation beam (125) in a forward direction.

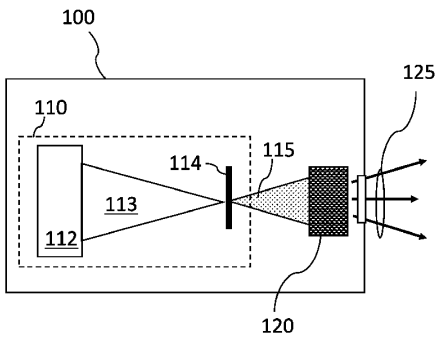


Fig. 1

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