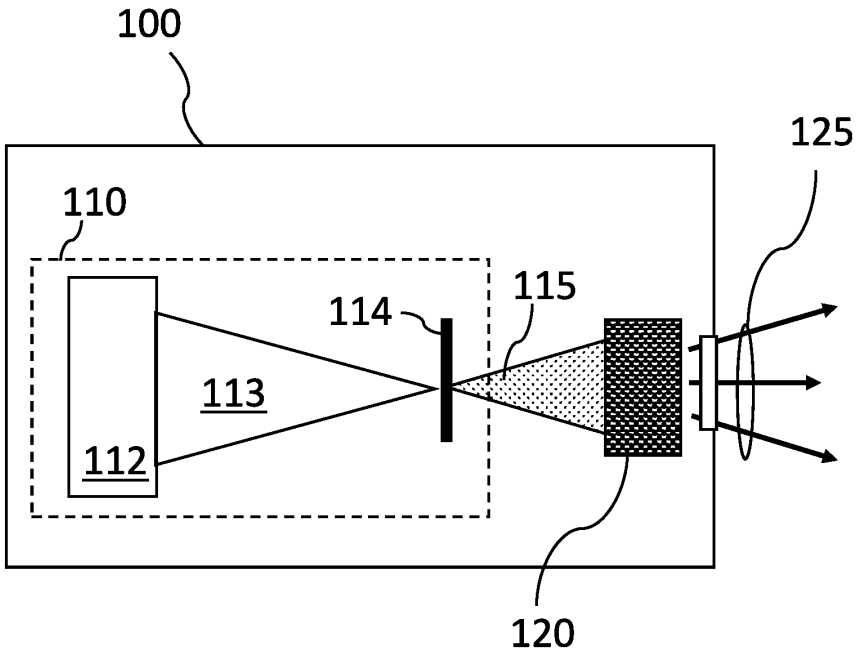


Fig. 1

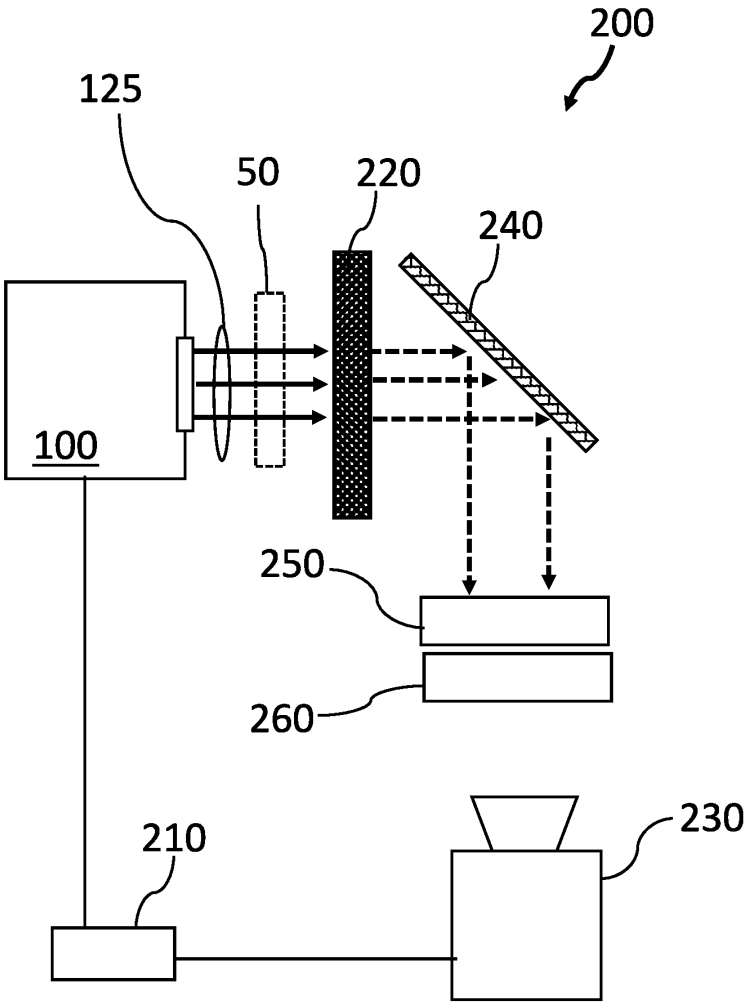


Fig. 2

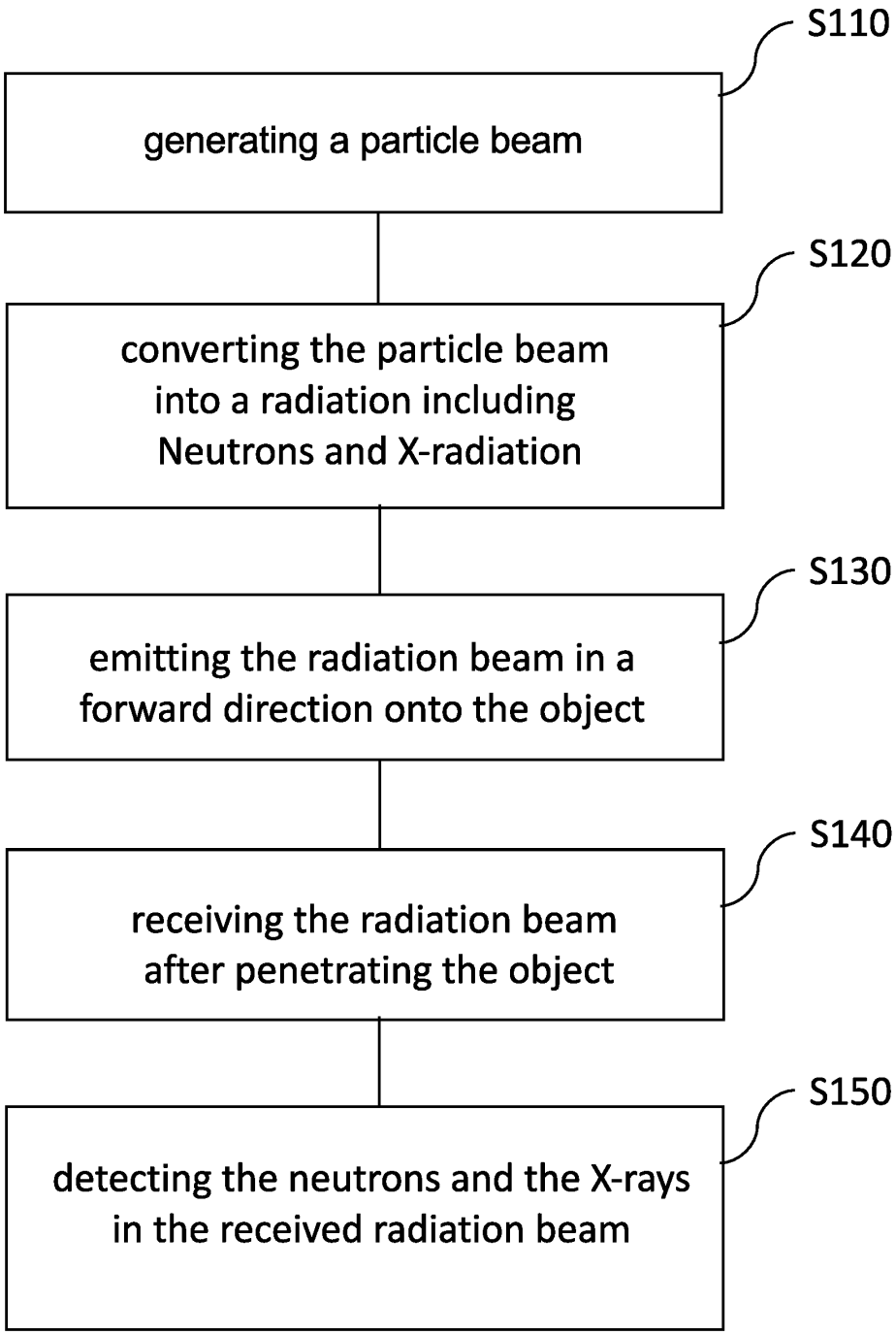

S110
generating a particle beam
S120
converting the particle beam into a radiation including Neutrons and X-radiation
S130
emitting the radiation beam in a forward direction onto the object
S140
receiving the radiation beam after penetrating the object
S150
detecting the neutrons and the X-rays in the received radiation beam

Fig. 3