Abstract

APPARATUS AND METHOD FOR QUICK IMAGING AND INSPECTING MOVING TARGET

An apparatus for quick imaging and inspecting a moving target, comprises: a passage for the moving target passing therethrough, a scanning and imaging device irradiating radiation beam to the moving target passing through the passage to form an image thereof for inspection, a first determination unit for determining whether the moving target has entered the passage and for counting the moving target entering the passage, a second determination unit for determining the moving speed of the moving target in the passage; and a control unit for controlling the second determination unit to determine the moving speed of the moving target based on the detection signal from the first determination unit indicating the moving target having entered the passage, and for controlling the scanning and imaging device to irradiate radiation beam for the inspection of the moving target with a frequency corresponding to the moving speed of the moving target based on the determination result of the second determination unit.

Fig. 1

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