

INSPECTION DEVICES AND METHODS OF INSPECTING A SLOT

ABSTRACT

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There is described an inspection device for inspecting a slot of a gas turbine engine. The inspection device comprises: an insert for insertion into the slot; a plurality of imaging devices coupled to the insert; and a processor. The insert is movable along a longitudinal axis of the slot. Each of the plurality of imaging devices is positioned adjacent an external surface of the insert and is configured to capture an image of a portion of the slot adjacent the imaging device. The processor is configured to receive data corresponding to the images captured by the plurality of imaging devices. There is also described a method of inspecting a slot using the inspection device.

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15 (Figure 1)