

COMPONENT HEATING SUB-SYSTEMS AND METHODS
FOR LASER SHEAROGRAPHY TESTING SYSTEMS

ABSTRACT

5 A laser shearography testing system (100) for non-destructively testing a component includes a
component (106) heating sub-system (120) coupled to the component (106). The component
(106) heating sub-system (120) excites the component (106) into a loaded state by passing an
electric current through the component (106). A resistivity of the component (106) causes the
component (106) to internally and uniformly heat as the electric current passes through the
10 component (106).

FIG. 1

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