SYSTEM AND METHOD FOR RESTORING METAL COMPONENTS

ABSTRACT

A system for restoring a metal component with a brazing alloy, the system comprising an induction coil configured to extend around a portion of the metal component and at least a portion of the brazing alloy, a motion assembly configured to cause relative movement between the metal component and the induction coil along a first axis, and a heat exchanger assembly supported by the motion assembly and configured to form a thermal gradient along the metal component in a direction along the first axis.

Figure 1