

TURBINE COMPONENT RESTORATION USING CATHODIC ARC/LPPS

ABSTRACT

A method for repairing cracks in a metal part comprising the steps of providing a metal part (13) having a worn portion (15), cleaning the worn portion (15) to remove an oxide layer, depositing a restoration alloy (17) to cover the worn portion (15) via a deposition process selected from the group consisting of cathodic arc deposition and Low Pressure Plasma Spray (LPPS) deposition.

Figure 2