

SUPERALLOY REPAIR USING COLD SPRAY

ABSTRACT OF THE DISCLOSURE

A method for repairing components formed from a superalloy material comprises the steps of providing a component formed from a superalloy material having a defect to be repaired and depositing a repair material onto a surface of the component using a non-oxidizing carrier gas so that the repair material plastically deforms and bonds to the surface upon impact with the surface and thereby covers the defect.

Figure 1