

BLADE PLATFORM RESTORATION USING COLD SPRAY

ABSTRACT OF THE DISCLOSURE

A process for restoring a worn edge of a component used in an engine is provided. The process comprises providing a component with a worn edge, and depositing at least one layer of powder metal material onto the worn edge using a non-oxidizing carrier gas so that the powder metal material plastically deforms without melting and bonds to the worn edge upon impact with the worn edge.

Figure 2