

METHOD FOR LOCALLY REMOVING OXIDATION AND CORROSION PRODUCT FROM THE SURFACE OF TURBINE ENGINE COMPONENTS

ABSTRACT

A method for removing products of hot corrosion and oxidation from selective portions of surfaces of a gas turbine engine, such as coatings (44) and substrates (42), following exposure of the surfaces to hot oxidative gases of the turbine exhaust. The method involves a high temperature chemical reaction and has no detrimental effect on adjacent coatings and substrates that have not been attacked by the hot exhaust gases.

FIG.3