

METHOD FOR RECOVERING PLATINUM FROM
PLATINUM-CONTAINING COATINGS ON GAS TURBINE ENGINE
COMPONENTS

ABSTRACT OF THE DISCLOSURE

5 A method for recovering Pt from Pt-bearing coating on a gas turbine engine component (10). The component (10) is contacted with a chemical stripping agent to dissolve away constituents of the coating and produce a Pt-bearing film (12,14) of acid oxidation products at the surface (16) of the component (10). The film (12,14) is removed from the component (10) to produce a Pt-rich residue containing at least about 10% Pt. The Pt-rich residue is collected and refined to recover Pt therefrom.

Figure 1.