

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

ABSTRACT OF THE DISCLOSURE

A method for recovering Pt from Pt-bearing coating on a gas turbine engine component. The component is contacted with a chemical stripping agent to dissolve away constituents of the coating and produce a Pt-bearing film of acid oxidation products at the surface of the component. The film is removed from the component 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.



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