

APPLYING VAPOUR PHASE ALUMINIDE COATING ON AIRFOIL INTERNAL CAVITIES USING IMPROVED METHOD

Abstract

A method of applying an aluminide coating to an internal cavity of a metal part, such as an airfoil. The method includes inserting a perforated sealed container containing a source of aluminide into the internal cavity and vaporizing the aluminide source to form an aluminide coating on the wall surface of the cavity.