PROCESS FOR REMOVING ADHERENT OXIDE PARTICLES FROM AN ALUMINIZED SURFACE

ABSTRACT OF THE DISCLOSURE

A process for removing particles that become adherently sintered to an aluminized surface during an aluminiding process. The method is particularly suited for the removal of adherent particles that form as a result of oxidation of a metallic powder used as an aluminum source during slurry aluminiding processes, wherein the adherent particles become attached by sintering to the aluminized surface. The process includes contacting the aluminized surface with an aqueous caustic hydroxide solution until the particles are removed therefrom.