

Title (en)

Process for removing adherent oxide particles from an aluminized surface

Title (de)

Verfahren zur Entfernung von an einer aluminierten Oberfläche anhaftenden Oxidpartikeln

Title (fr)

Procédé pour enlever des particules d'oxyde adhérentes d'une surface aluminée

Publication

**EP 1548156 B1 20110323 (EN)**

Application

**EP 04257665 A 20041209**

Priority

US 70746503 A 20031216

Abstract (en)

[origin: EP1548156A2] A process for removing particles that become adherently sintered to an aluminized surface during an aluminizing 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 aluminizing 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.

IPC 8 full level

**C23G 1/22** (2006.01); **C23C 10/18** (2006.01); **C23C 10/60** (2006.01); **F01D 25/00** (2006.01)

CPC (source: EP US)

**C23C 10/18** (2013.01 - EP US); **C23C 10/60** (2013.01 - EP US); **C23G 1/22** (2013.01 - EP US); **F01D 25/002** (2013.01 - EP US)

Cited by

EP1779936A3; EP3269840A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1548156 A2 20050629**; **EP 1548156 A3 20100113**; **EP 1548156 B1 20110323**; BR PI0405921 A 20050906; CA 2490014 A1 20050616; CA 2490014 C 20130212; DE 602004031920 D1 20110505; SG 112984 A1 20050728; SG 133599 A1 20070730; US 2005127039 A1 20050616

DOCDB simple family (application)

**EP 04257665 A 20041209**; BR PI0405921 A 20041216; CA 2490014 A 20041209; DE 602004031920 T 20041209; SG 200407463 A 20041216; SG 2007044407 A 20041216; US 70746503 A 20031216