

Title (en)

METHOD FOR REMOVING THE COATING FROM A GAS TURBINE COMPONENT

Title (de)

VERFAHREN ZUR ENTSCHICHTUNG EINES GASTURBINENBAUTEILS

Title (fr)

PROCEDE POUR RETIRER UN REVETEMENT PRESENT SUR UN COMPOSANT DE TURBINE A GAZ

Publication

**EP 1934387 B1 20150617 (DE)**

Application

**EP 06805384 A 20061010**

Priority

- DE 2006001766 W 20061010
- DE 102005049249 A 20051014

Abstract (en)

[origin: WO2007041998A1] The invention relates to a method for removing the coating from a gas turbine component, namely for completely or partially removing a multilayer wear protection coating from the surface of the gas turbine component, the wear protection coating having at least one relatively hard ceramic layer and at least one relatively soft metallic layer. According to the invention, in order to remove the multilayer wear protection coating, the gas turbine component is alternately positioned in two different chemical baths, a first bath serving exclusively for removing the relatively hard, ceramic layer and a second bath serving exclusively for removing the relatively soft metallic layer of the wear protection coating.

IPC 8 full level

**C23G 1/10** (2006.01); **C23F 1/44** (2006.01); **F01D 5/00** (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP US)

**C23F 1/44** (2013.01 - EP US); **C23G 1/106** (2013.01 - EP US); **F01D 5/005** (2013.01 - EP US); **F01D 5/288** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB PL

DOCDB simple family (publication)

**DE 102005049249 A1 20070419**; **DE 102005049249 B4 20180329**; EP 1934387 A1 20080625; EP 1934387 B1 20150617; JP 2009511804 A 20090319; PL 1934387 T3 20160331; US 2009302004 A1 20091210; US 9212555 B2 20151215; WO 2007041998 A1 20070419

DOCDB simple family (application)

**DE 102005049249 A 20051014**; DE 2006001766 W 20061010; EP 06805384 A 20061010; JP 2008534864 A 20061010; PL 06805384 T 20061010; US 8880006 A 20061010