

Title (en)

Process for producing a thin ceramic coating on a metallic substrate

Title (de)

Verfahren zum Herstellen einer dünnen Beschichtung auf einem metallischen Substrat

Title (fr)

Procédé de réalisation d'un dépôt de céramique de faible épaisseur sur un substrat métallique

Publication

EP 0997555 B1 20040225 (FR)

Application

EP 98203600 A 19981026

Priority

EP 98203600 A 19981026

Abstract (en)

[origin: EP0997555A1] Forming a ceramic deposit of a low thickness on a metallic substrate comprises: (a) forming a metallic electroplated coating on the substrate; the metal when oxidized forms a ceramic and is chosen from zirconium, titanium, aluminum, and magnesium; (b) oxidizing the metal to obtain a ceramic adhering to the substrate.

IPC 1-7

C25D 5/48; **F01D 5/28**

IPC 8 full level

C25D 5/48 (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP)

C25D 5/48 (2013.01); **F01D 5/284** (2013.01); **F01D 5/288** (2013.01)

Cited by

US10106902B1

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

EP 0997555 A1 20000503; **EP 0997555 B1 20040225**; DE 69821942 D1 20040401

DOCDB simple family (application)

EP 98203600 A 19981026; DE 69821942 T 19981026