

Title (en)
Method for fabricating gas turbine engines

Title (de)
Verfahren zum Herstellen von Gasturbinenriebwerke

Title (fr)
Méthode pour la fabrication de moteurs à turbines à gaz

Publication
EP 1627992 B1 20140611 (EN)

Application
EP 05254611 A 20050725

Priority
US 92150204 A 20040819

Abstract (en)
[origin: EP1627992A2] Methods and apparatus of fabricating gas turbine engine components (118) are provided. The method (200) includes positioning a non-consumable shield (206) adjacent to an edge (136) of the component such that a gap (210) is defined between the shield and the component, wherein the shield and gap form a fluid flow restriction adjacent to the edge, and inducing an electrical current from an anode (202) to the component through an electrolyte bath such that a coating is applied to the component.

IPC 8 full level
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CPC (source: EP US)
C25D 5/02 (2013.01 - EP US); **C25D 17/008** (2013.01 - EP US); **F01D 5/288** (2013.01 - EP US); **F05D 2230/90** (2013.01 - EP US)

Cited by
EP2573201A3; EP1916388A3; US8636890B2

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EP 1627992 A2 20060222; EP 1627992 A3 20120822; EP 1627992 B1 20140611; CN 1746338 A 20060315; CN 1746338 B 20120425; JP 2006057179 A 20060302; JP 4912638 B2 20120411; SG 120268 A1 20060328; SG 140592 A1 20080328; SG 174064 A1 20110929; US 2006037865 A1 20060223; US 2013186763 A1 20130725

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EP 05254611 A 20050725; CN 200510093929 A 20050819; JP 2005237367 A 20050818; SG 200505160 A 20050812; SG 2008011181 A 20050812; SG 2011057692 A 20050812; US 201313734703 A 20130104; US 92150204 A 20040819