

Title (en)

Device and method for removing surface areas of a component

Title (de)

Vorrichtung und Verfahren zur Entfernung von Oberflächenbereichen eines Bauteils

Title (fr)

Dispositif et procédé de retrait de zones de surface d'un composant

Publication

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Application

EP 05024433 A 20030321

Priority

- EP 03727147 A 20030321
- DE 10215374 A 20020408
- DE 10259365 A 20021218

Abstract (en)

[origin: WO03085174A2] The prior art uses electrochemical methods to remove surface areas of a metallic component. According to the invention, the electrochemical process is accelerated by using a current pulse transmitter (16).

IPC 8 full level

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CPC (source: EP US)

C25F 1/00 (2013.01 - EP US); **C25F 5/00** (2013.01 - EP US)

Citation (search report)

- [X] DE 1043008 B 19581106 - RUTHNER OTHMAR
- [X] US 4664763 A 19870512 - MCMULLEN WARREN H [US], et al
- [XD] EP 1010782 A1 20000621 - UNITED TECHNOLOGIES CORP [US]
- [X] GB 190813666 A 19081231 - LEVY ALFRED [FR]
- [A] WO 0017422 A1 20000330 - HOFFMAN IND INTERNATIONAL LTD [US], et al
- [A] WO 9113191 A1 19910905 - GORDON ROY G [US]
- [A] WO 0042242 A1 20000720 - CHROMALLOY GAS TURBINE CORP [US]
- [A] US 2408220 A 19460924 - LUM JOHN C

Cited by

EP1890004A1; US8673405B2; WO2008017559A1; EP4309811A1

Designated contracting state (EPC)

DE ES FR GB IT

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WO 03085174 A2 20031016; WO 03085174 A3 20041223; CN 100379900 C 20080409; CN 1646735 A 20050727; DE 10259365 A1 20031030; DE 50308417 D1 20071129; DE 50311030 D1 20090212; EP 1507901 A2 20050223; EP 1507901 B1 20071017; EP 1632589 A2 20060308; EP 1632589 A3 20060405; EP 1632589 B1 20081231; ES 2292967 T3 20080316; ES 2317127 T3 20090416; US 2005224367 A1 20051013; US 2009255828 A1 20091015; US 7569133 B2 20090804

DOCDB simple family (application)

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