

Title (en)

PROCESS AND APPARATUS FOR PLATING ARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM PLATTIEREN VON GEGENSTÄNDEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR PLAQUER DES ARTICLES

Publication

EP 2049712 A1 20090422 (EN)

Application

EP 06788588 A 20060726

Priority

- US 2006029072 W 20060726
- US 45978306 A 20060725

Abstract (en)

[origin: WO2008013535A1] A process and apparatus utilizing at least one conformable anode (40) in a plating process to apply a plating to an article (10). A wire or other material suitable for an anode is shaped to conform to the approximate shape of a region of the article to be coated. The anode is powered by an electrical power source (44), and the article serves as the cathode. The anode and article are both immersed in a plating bath (38). The article and anode are rotated relative to one another about a central axis (22) of the article. The relative movement between the anode and the article causes a uniform plating (46) to be applied to selected regions of the article that pass the anode. Another anode (50) can be arranged in fixed relation with the article to cause plating to a separate selected region of the article concurrently with the other anode.

IPC 8 full level

C25B 9/00 (2006.01); **C25B 11/00** (2006.01); **C25D 5/00** (2006.01); **C25D 7/00** (2006.01); **C25D 7/04** (2006.01); **C25D 17/00** (2006.01)

CPC (source: EP KR US)

C25B 11/00 (2013.01 - KR); **C25D 7/00** (2013.01 - EP KR US); **C25D 7/04** (2013.01 - EP KR); **C25D 17/00** (2013.01 - KR); **C25D 17/12** (2013.01 - EP); **C25D 5/04** (2013.01 - EP); **C25D 21/10** (2013.01 - EP)

Citation (search report)

See references of WO 2008013535A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008013535 A1 20080131; BR PI0621923 A2 20111220; CN 101506409 A 20090812; CN 101506409 B 20101208; EP 2049712 A1 20090422; JP 2010511780 A 20100415; JP 5129815 B2 20130130; KR 101277115 B1 20130620; KR 20090031947 A 20090330

DOCDB simple family (application)

US 2006029072 W 20060726; BR PI0621923 A 20060726; CN 200680055768 A 20060726; EP 06788588 A 20060726; JP 2009521728 A 20060726; KR 20097003395 A 20060726