

Title (en)
Method and apparatus for anodizing objects

Title (de)
Verfahren und Vorrichtung zum Anodisieren von Objekten

Title (fr)
Procédé et appareil pour anodiser des objets

Publication
EP 2388358 B1 20150422 (EN)

Application
EP 11250536 A 20110517

Priority
US 78469710 A 20100521

Abstract (en)
[origin: EP2388358A1] A method and apparatus for electrolytically treating a surface of a component includes a reaction chamber, a transport chamber and a fluid return path. The reaction chamber is adapted for placing at least a portion of the component therein, and holds a reaction fluid. Fluid enters the reaction chamber through a plurality of inlets. Each inlet directs the fluid toward the component at one or more non-zero vertical angles, and at one or more non-zero horizontal angles. The reaction chamber is a fixture having a cover with an underside shaped to direct the fluid to the surface of the component, such as by having a plurality of slopes. The inlets are _ through a material that is electrically non-conductive, such as ceramic, plastic, PVC, and fiber reinforced plastic, and/or the fixture further includes a titanium cathode ring that can be vertically adjacent the non-conductive material.

IPC 8 full level
C25D 5/08 (2006.01); **C25D 11/00** (2006.01); **C25D 11/02** (2006.01); **C25D 17/02** (2006.01)

CPC (source: EP US)
C25D 5/08 (2013.01 - EP US); **C25D 11/005** (2013.01 - EP US); **C25D 11/02** (2013.01 - EP US); **C25D 17/02** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2388358 A1 20111123; **EP 2388358 B1 20150422**; JP 2011246815 A 20111208; JP 5932241 B2 20160608; MX 2011004167 A 20111121; US 2011284385 A1 20111124

DOCDB simple family (application)
EP 11250536 A 20110517; JP 2011111507 A 20110518; MX 2011004167 A 20110418; US 78469710 A 20100521