

Title (en)
TREATMENT FOR ELECTROPLATING RACKS TO AVOID RACK METALLIZATION

Title (de)
BEHANDLUNG ZUR ELEKTROPLATTIERUNG VON GESTELLEN ZUR VERMEIDUNG DER GESTELLMETALLISIERUNG

Title (fr)
TRAITEMENT DE CRÉMAILLÈRES D'ÉLECTRODÉPOSITION POUR ÉVITER LA MÉTALLISATION DE CRÉMAILLÈRE

Publication
EP 3108039 A4 20171018 (EN)

Application
EP 15752252 A 20150116

Priority
• US 201414184011 A 20140219
• US 2015011704 W 20150116

Abstract (en)
[origin: US2015233011A1] An electroplating rack for supporting non-conductive substrates during an electrodeposition process is described. The electroplating rack is coated with a non-conductive material, such as a PVC plastisol. The electroplating rack is treated with a non-aqueous solution comprising a metallization inhibitor prior to the electrodeposition process to inhibit rack plate up when using etchants that do not contain chromic acid.

IPC 8 full level
C25D 5/54 (2006.01); **C23C 18/16** (2006.01); **C25D 5/56** (2006.01); **C25D 17/08** (2006.01)

CPC (source: EP US)
C23C 18/163 (2013.01 - EP US); **C25D 17/08** (2013.01 - EP US)

Citation (search report)
• [XYI] US 3619243 A 19711109 - BRINDISI FRANK A JR, et al
• [Y] US 3443988 A 19690513 - MCCORMACK JOHN F, et al
• [Y] US 3930963 A 19760106 - POLICHETTE JOSEPH, et al
• [Y] US 2005199587 A1 20050915 - BENGSTON JON [US]
• See references of WO 2015126544A1

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EP3186416A4

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)
US 2015233011 A1 20150820; CA 2939316 A1 20150827; CN 106103811 A 20161109; EP 3108039 A1 20161228;
EP 3108039 A4 20171018; JP 2017511843 A 20170427; MX 2016010851 A 20161117; TW 201534768 A 20150916; TW I623653 B 20180511;
WO 2015126544 A1 20150827

DOCDB simple family (application)
US 201414184011 A 20140219; CA 2939316 A 20150116; CN 201580008986 A 20150116; EP 15752252 A 20150116;
JP 2016552978 A 20150116; MX 2016010851 A 20150116; TW 104101271 A 20150115; US 2015011704 W 20150116