

Title (en)

SURFACE TREATMENT INSTALLATION FOR METALLIC PARTS, PARTICULARLY BY ELECTROLYSIS

Title (de)

ANLAGE ZUR OBERFLÄCHENBEHANDLUNG FÜR METALLTEILE, IM BESONDEREN MITTELS ELEKTROLYSE

Title (fr)

INSTALLATION DE TRAITEMENT DE SURFACE DE PIECES METALLIQUES, NOTAMMENT PAR ELECTROLYSE

Publication

EP 2013383 B1 20120801 (FR)

Application

EP 07734332 A 20070419

Priority

- IB 2007001013 W 20070419
- FR 0603687 A 20060421
- FR 0608406 A 20060922

Abstract (en)

[origin: WO2007122471A1] Surface treatment installation (100) for metallic parts including an electrolytic cell (1) comprising a treatment liquid (20) in which the parts to be treated are immersed, characterised in that the parts to be treated are fixed on a pivoting drum (2) such that there is at least one rotation movement for each part in the cell, and in that the cell (1) comprises at least two electrodes (8a, 8b), while the drum is powered by an electrical power supply with polarity opposite to the electrode polarity, through at least one contact pad that is brought into contact on the drum drive ring.

IPC 8 full level

C25B 9/17 (2021.01); **C25D 17/02** (2006.01); **C25D 17/12** (2006.01); **C25D 17/18** (2006.01)

CPC (source: EP KR US)

C25D 17/02 (2013.01 - EP KR US); **C25D 17/12** (2013.01 - EP KR US); **C25D 17/18** (2013.01 - EP KR US); **C25D 7/04** (2013.01 - EP US)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2900162 A1 20071026; FR 2900162 B1 20080801; BR PI0710160 A2 20110823; CA 2647400 A1 20071101; CA 2647400 C 20100622; EP 2013383 A1 20090114; EP 2013383 B1 20120801; ES 2390684 T3 20121115; JP 2009534530 A 20090924; JP 4413993 B2 20100210; KR 101121634 B1 20120309; KR 20090005333 A 20090113; MX 2008013525 A 20081029; PL 2013383 T3 20121231; PT 2013383 E 20121023; RU 2008145889 A 20100527; RU 2398918 C2 20100910; US 2009057138 A1 20090305; WO 2007122471 A1 20071101

DOCDB simple family (application)

FR 0608406 A 20060922; BR PI0710160 A 20070419; CA 2647400 A 20070419; EP 07734332 A 20070419; ES 07734332 T 20070419; IB 2007001013 W 20070419; JP 2009505984 A 20070419; KR 20087025642 A 20070419; MX 2008013525 A 20070419; PL 07734332 T 20070419; PT 07734332 T 20070419; RU 2008145889 A 20070419; US 29660907 A 20070419