

Title (en)

Method for derusting metallic surfaces

Title (de)

Verfahren zum Entrosten von Metalloberflächen

Title (fr)

Procédé pour dérouiller des surfaces métalliques

Publication

EP 1950327 A1 20080730 (EN)

Application

EP 07101166 A 20070125

Priority

EP 07101166 A 20070125

Abstract (en)

The invention pertains to a method for derusting a metallic surface by bringing the surface in contact with an aqueous solution of a buffer having a pH between 5.1 and 6.5, wherein the buffer comprises lactic acid and the sodium, potassium and/or ammonium salt of lactic acid. A preferred combination is a lactic acid-ammonium lactate buffer.

IPC 8 full level

C23G 1/08 (2006.01); **C02F 1/68** (2006.01); **C02F 1/70** (2006.01); **C02F 5/10** (2006.01); **C23G 1/24** (2006.01); **F28F 13/18** (2006.01)

CPC (source: EP)

C23G 1/088 (2013.01); **C23G 1/24** (2013.01); **F28F 19/00** (2013.01)

Citation (search report)

- [A] WO 2006039983 A1 20060420 - CHEMETALL GMBH [DE], et al
- [A] DE 694237 C 19400727 - VER CHEMISCHE & METALLURGISCHE
- [A] DE 742477 C 19431204 - PAUL EFFING
- [A] US 4476930 A 19841016 - WATANABE DAVID J [US]
- [A] DE 19721422 A1 19981008 - ZIMZIK HENRY [DE]
- [A] WO 0208127 A1 20020131 - RHODIA CONS SPEC LTD [GB], et al

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

DOCDB simple family (publication)

EP 1950327 A1 20080730; WO 2008090219 A1 20080731

DOCDB simple family (application)

EP 07101166 A 20070125; EP 2008050893 W 20080125