

Title (en)

Process for corrosion protection of metal objects and metal objects obtained

Title (de)

Verfahren zum Korrosionsschutz von Metallgegenständen und hergestellte Metallgegenständen

Title (fr)

Procédé de protection contre la corrosion de pièces métalliques et pièces métalliques obtenues par ce procédé

Publication

**EP 0577486 B1 19970409 (FR)**

Application

**EP 93401649 A 19930625**

Priority

FR 9208037 A 19920630

Abstract (en)

[origin: EP0577486A1] Process for temporary corrosion protection of a pickled metal article, especially of a metal sheet, characterised in that it comprises the stages consisting in: - applying to at least a part of the said metal component an emulsion obtained by dispersing in water from 3 to 13 % by volume of an oily phase comprising from 75 to 90 % by volume of at least mineral oil, from 5 to 10 % by volume of at least one surface-active agent and from 5 to 15 % by volume of at least one corrosion inhibitor, - drying the said coated metal article until a dry film is obtained.

IPC 1-7

**C10M 177/00**; **C23F 15/00**

IPC 8 full level

**C23F 11/00** (2006.01); **C10M 177/00** (2006.01); **C23F 15/00** (2006.01)

CPC (source: EP KR US)

**C10M 177/00** (2013.01 - EP US); **C23F 11/00** (2013.01 - KR); **C23F 15/00** (2013.01 - EP US); **Y10T 428/31714** (2015.04 - EP US)

Cited by

FR2765595A1; FR2789084A1; EP1038594A1; EP0896051A1; FR2767140A1; US6063447A; US6309697B1; WO0044861A1; WO9901590A1; EP2321069B1; EP2321069A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0577486 A1 19940105**; **EP 0577486 B1 19970409**; AT E151451 T1 19970415; CA 2099449 A1 19931231; CA 2099449 C 20030916; DE 69309556 D1 19970515; DE 69309556 T2 19970724; ES 2101259 T3 19970701; FR 2692912 A1 19931231; FR 2692912 B1 19950630; JP 3363209 B2 20030108; JP H06184770 A 19940705; KR 100298795 B1 20011122; KR 940005373 A 19940321; US 5391396 A 19950221

DOCDB simple family (application)

**EP 93401649 A 19930625**; AT 93401649 T 19930625; CA 2099449 A 19930630; DE 69309556 T 19930625; ES 93401649 T 19930625; FR 9208037 A 19920630; JP 16276793 A 19930630; KR 930011972 A 19930629; US 8294093 A 19930629