

Title (en)
COMPOSITION FOR TEMPORARILY PROTECTING METAL PARTS AGAINST CORROSION, PREPARATION AND APPLICATION METHODS AND METAL PARTS OBTAINED FROM SAID COMPOSTION

Title (de)
ZUSAMMENSETZUNG ZUR TEMPORÄREN KORROSIONSSCHUTZ VON METALLISCHEN OBERFLÄCHEN, VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG, UND HERGESTELLTE METALLTEILE

Title (fr)
COMPOSITION POUR LA PROTECTION TEMPORAIRE CONTRE LA CORROSION DE PIECES METALLIQUES, SES PROCEDES DE PREPARATION ET D'APPLICATION ET PIECES METALLIQUES OBTENUES A PARTIR DE CETTE COMPOSITION

Publication
EP 0996769 A1 20000503 (FR)

Application
EP 98933689 A 19980623

Priority
• FR 9801317 W 19980623
• FR 9708288 A 19970701

Abstract (en)
[origin: US6309697B1] The invention concerns a composition useful for providing temporary protection against corrosion to metal surfaces comprising an oil-in-water emulsion characterised in that said emulsion contains in its aqueous phase at least a compound of general formula (I) in which the groups R, R1 and R2 represent independently of one another a hydrogen atom, a C1-C20 alkyl group, a C1-C20 halogenoalkyl group with the halogen being chlorine, bromine, iodine or fluorine, a C3-C6 cycloalkyl group, a carboxylic function or a C1-C6 carboxyalkyl group; n is a whole number varying from 1 to 3; and X represents an oxygen or sulphur atom in the form of one of its soluble salts. The invention also concerns a method for preparing said composition, its method of application to the surface of metal part and the resulting part.

IPC 1-7
C23F 11/16

IPC 8 full level
C09D 5/08 (2006.01); **C09D 191/00** (2006.01); **C23F 11/16** (2006.01)

CPC (source: EP KR US)
C23F 11/16 (2013.01 - EP KR US); **C23F 11/165** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6309697 B1 20011030; AT E233834 T1 20030315; CA 2295864 A1 19990114; CA 2295864 C 20080408; DE 69811900 D1 20030410; DE 69811900 T2 20040212; EP 0996769 A1 20000503; EP 0996769 B1 20030305; ES 2193544 T3 20031101; FR 2765595 A1 19990108; FR 2765595 B1 19991001; JP 2001509542 A 20010724; JP 4184595 B2 20081119; KR 100522925 B1 20051019; KR 20010020606 A 20010315; WO 9901590 A1 19990114

DOCDB simple family (application)
US 44688700 A 20000313; AT 98933689 T 19980623; CA 2295864 A 19980623; DE 69811900 T 19980623; EP 98933689 A 19980623; ES 98933689 T 19980623; FR 9708288 A 19970701; FR 9801317 W 19980623; JP 2000501287 A 19980623; KR 19997012620 A 19991231