

Title (en)  
AQUEOUS TREATMENT COMPOSITION FOR INHIBITING CORROSION AND ACID ATTACK ON METALLIC SURFACES

Title (de)  
WASSERHALTIGE BEHANDLUNGSZUSAMMENSETZUNG ZUR HEMMUNG VON KORROSION UND SÄUREANGRIFFEN AUF METALLISCHEN OBERFLÄCHEN

Title (fr)  
COMPOSITION AQUEUSE DE TRAITEMENT INHIBITRICE DE LA CORROSION ET DE L'ATTAQUE ACIDE SUR DES SURFACES METALLIQUES

Publication  
**EP 2262927 A1 20101222 (FR)**

Application  
**EP 09729805 A 20090326**

Priority  
• EP 2009053620 W 20090326  
• FR 0801949 A 20080409

Abstract (en)  
[origin: WO2009124847A1] The present invention relates to an aqueous treatment composition for inhibiting corrosion and acid attack on metallic surfaces that comprises a thiourea organic derivative, a polyalkoxylated terpene nonionic surfactant and an acid. The invention also relates to a process for cleaning industrial metallic equipment, in particular heat exchangers in which a heat transfer fluid, generally based on air or on water, flows, with a view to cleaning them and removing scale and other soiling.

IPC 8 full level  
**C23G 1/06** (2006.01); **C11D 3/20** (2006.01); **C11D 11/00** (2006.01); **C23G 1/08** (2006.01)

CPC (source: EP US)  
**C11D 1/72** (2013.01 - EP US); **C11D 3/0073** (2013.01 - EP US); **C11D 3/349** (2013.01 - EP US); **C23F 11/04** (2013.01 - EP US); **C23G 1/06** (2013.01 - EP US); **C23G 1/081** (2013.01 - EP US); **C25D 5/34** (2013.01 - EP US); **F28G 9/00** (2013.01 - EP US); **C02F 5/00** (2013.01 - EP US); **C02F 2303/08** (2013.01 - EP US); **F28F 19/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009124847A1

Designated contracting state (EPC)  
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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2009124847 A1 20091015**; CN 102046848 A 20110504; EP 2262927 A1 20101222; FR 2929954 A1 20091016; FR 2929954 B1 20100430; US 2011049428 A1 20110303; US 8765021 B2 20140701

DOCDB simple family (application)  
**EP 2009053620 W 20090326**; CN 200980118958 A 20090326; EP 09729805 A 20090326; FR 0801949 A 20080409; US 93700209 A 20090326