Title (en)
CORROSION PROTECTION PROCESS USING FATTY ACID IMIDAZOLINE OR PYRIMIDINE AND GLYOXAL

Title (de)
KORROSIONSSCHUTZVERFAHREN MIT FETTSÄUREIMIDAZOLIN ODER -PYRIMIDN UND GLYOXAL

Title (fr)
PROCEDE DE PROTECTION CONTRE LA CORROSION EN UTILISAN DU GLYOXAL ET DES ESTERS DES ACIDES GRAS AVEC DE LA PYRIMIDINE OU DE LA IMIDAZOLINE.

Publication
EP 2462207 A2 20120613 (EN)

Application
EP 10734605 A 20100702

Priority
• US 53525209 A 20090804
• US 2010040871 W 20100702

Abstract (en)
[origin: US2011031165A1] A method for reducing the amount of hydrogen sulfide present in refined hydrocarbon streams and reducing the amount of corrosion in processing equipment contacting the refined hydrocarbon stream. The method includes adding a corrosion inhibitor to the refined hydrocarbon stream in contact with the processing equipment to protect the processing equipment and adding glyoxal to the refined hydrocarbon stream in contact with the protected processing equipment. The corrosion inhibitor includes an organic soluble compound having a nitrogen-containing ring.

IPC 8 full level
C10G 75/00 (2006.01)

CPC (source: EP KR US)
C10G 29/20 (2013.01 - KR); **C10G 29/22** (2013.01 - EP US); **C10G 75/02** (2013.01 - EP KR US); **C10G 75/04** (2013.01 - KR); C10G 2300/104 (2013.01 - EP US); C10G 2300/1044 (2013.01 - EP US); C10G 2300/1051 (2013.01 - EP US); C10G 2300/1055 (2013.01 - EP US); C10G 2300/1059 (2013.01 - EP US); C10G 2300/1077 (2013.01 - EP US); C10G 2300/207 (2013.01 - EP US); C10G 2300/4075 (2013.01 - EP US); C10G 2300/80 (2013.01 - EP US)

Citation (search report)
See references of WO 2011016935A2

Designated contracting state (EPC)
AL 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 SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
US 2011031165 A1 20110210; AU 2010281621 A1 20120223; BR 112012002528 A2 20190924; CA 2770008 A1 20110210; CN 102549114 A 20120704; EP 2462207 A2 20120613; JP 2013501126 A 20130110; KR 20120055582 A 20120531; MX 2012001530 A 20120508; RU 2012103702 A 20130910; SG 178245 A1 20120329; WO 2011016935 A2 20110210; WO 2011016935 A3 20120412

DOCDB simple family (application)
US 53525209 A 20090804; AU 2010281621 A 20100702; BR 112012002528 A 20100702; CA 2770008 A 20100702; CN 201080045142 A 20100702; EP 10734605 A 20100702; JP 2012523623 A 20100702; KR 20127005619 A 20100702; MX 2012001530 A 20100702; RU 2012103702 A 20100702; SG 2012007647 A 20100702; US 2010040871 W 20100702