

Title (en)
CORROSION INHIBITOR

Title (de)
KORROSION SINHIBITOR

Title (fr)
INHIBITEUR DE LA CORROSION

Publication
EP 1963462 A4 20120104 (EN)

Application
EP 06846353 A 20061120

Priority
• US 2006061101 W 20061120
• US 74143005 P 20051130

Abstract (en)
[origin: US2007119747A1] A composition and method of inhibiting corrosion caused by naphthenic acid in fluids includes using a combination of a thiophosphorus compound and a hydrogen sulfide scavenging compound. The hydrogen sulfide scavenging compound significantly enhances the performance of the thiophosphorus compound and may be included at relatively low levels in the composition. The treatment may be applied to fluids including crude oils and lighter fractions thereof.

IPC 8 full level
C10G 7/10 (2006.01)

CPC (source: EP KR US)
C07F 9/1651 (2013.01 - EP US); **C10G 7/10** (2013.01 - KR); **C10G 75/02** (2013.01 - EP US); **C10G 2300/1033** (2013.01 - EP US); **C10G 2300/203** (2013.01 - EP US); **C10G 2300/207** (2013.01 - EP US); **C10G 2300/80** (2013.01 - EP US)

Citation (search report)
• [YD] US 5863415 A 19990126 - ZETLMEISL MICHAEL J [US]
• [YD] US 5169411 A 19921208 - WEERS JERRY J [US]
• [A] US 5630964 A 19970520 - BABAIAN-KIBALA ELIZABETH [US], et al
• [A] US 6063346 A 20000516 - LUNA GERMAN A [VE]
• [A] US 2004096382 A1 20040520 - SMITH HUBERN LARRY [US], et al
• [A] US 5552085 A 19960903 - BABAIAN-KIBALA ELIZABETH [US]

Citation (examination)
PIEHL R L: "Correlation of Corrosion In a Crude Distillation Unit With Chemistry of the Crudes", 1 June 1960, 19600601, PAGE(S) 305T - 307T, XP008178410

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2007119747 A1 20070531; BR PI0619195 A2 20110920; CA 2631572 A1 20070607; CN 101316915 A 20081203; CN 101316915 B 20150722; EP 1963462 A2 20080903; EP 1963462 A4 20120104; KR 101364325 B1 20140218; KR 20080070833 A 20080731; WO 2007065064 A2 20070607; WO 2007065064 A3 20071221

DOCDB simple family (application)
US 60140206 A 20061117; BR PI0619195 A 20061120; CA 2631572 A 20061120; CN 200680044904 A 20061120; EP 06846353 A 20061120; KR 20087012612 A 20061120; US 2006061101 W 20061120