

Title (en)

CORROSION INHIBITORS FOR FUELS AND LUBRICANTS

Title (de)

KORROSIONSINHIBITOREN FÜR KRAFT- UND SCHMIERSTOFFE

Title (fr)

INHIBITEURS DE CORROSION POUR CARBURANTS ET LUBRIFIANTS

Publication

EP 3099767 A1 20161207 (DE)

Application

EP 15702224 A 20150129

Priority

- EP 14152991 A 20140129
- EP 2014076622 W 20141204
- EP 14198266 A 20141216
- EP 2015051825 W 20150129

Abstract (en)

[origin: WO2015114029A1] The invention relates to corrosion inhibitors for fuels and lubricants. The invention also relates to uses of corrosion inhibitors in fuels and lubricants.

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/16** (2006.01); **C10L 1/196** (2006.01); **C10L 10/04** (2006.01); **C10M 145/12** (2006.01); **C10M 145/16** (2006.01); **C10M 171/00** (2006.01)

CPC (source: EP KR RU US)

C08F 210/14 (2013.01 - RU US); **C08F 222/06** (2013.01 - RU US); **C10L 1/14** (2013.01 - RU); **C10L 1/146** (2013.01 - EP KR RU US); **C10L 1/16** (2013.01 - RU); **C10L 1/1641** (2013.01 - EP KR RU US); **C10L 1/188** (2013.01 - RU US); **C10L 1/1883** (2013.01 - RU US); **C10L 1/196** (2013.01 - RU); **C10L 1/1963** (2013.01 - EP KR RU US); **C10L 1/1966** (2013.01 - EP KR RU US); **C10L 1/1973** (2013.01 - EP RU US); **C10L 1/1976** (2013.01 - EP RU US); **C10L 10/04** (2013.01 - EP KR RU US); **C10L 10/06** (2013.01 - EP RU US); **C10L 10/18** (2013.01 - EP KR RU US); **C10M 129/34** (2013.01 - RU US); **C10M 129/72** (2013.01 - RU US); **C10M 129/92** (2013.01 - RU US); **C10M 145/12** (2013.01 - EP KR RU US); **C10M 145/16** (2013.01 - EP KR RU US); **C10M 159/005** (2013.01 - EP KR RU US); **C10M 171/00** (2013.01 - EP KR RU US); **C10L 1/2362** (2013.01 - EP US); **C10L 1/2364** (2013.01 - EP US); **C10L 1/2366** (2013.01 - EP US); **C10L 1/2368** (2013.01 - EP US); **C10L 2230/22** (2013.01 - US); **C10L 2270/023** (2013.01 - EP US); **C10L 2270/026** (2013.01 - EP US); **C10M 2205/028** (2013.01 - EP US); **C10M 2207/123** (2013.01 - US); **C10M 2209/084** (2013.01 - EP US); **C10M 2209/086** (2013.01 - EP US); **C10M 2217/022** (2013.01 - EP US); **C10M 2217/024** (2013.01 - EP US); **C10M 2217/026** (2013.01 - EP US); **C10M 2217/028** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/54** (2020.05 - EP US); **C10N 2040/252** (2020.05 - KR); **C10N 2040/253** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US); **C10N 2060/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2015114053A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015114029 A1 20150806; AU 2015212854 A1 20160818; AU 2015212854 B2 20180329; AU 2015212878 A1 20160825; AU 2015212878 B2 20180329; BR 112016017414 A2 20170808; BR 112016017418 A2 20170808; BR 112016017418 A8 20200616; CA 2938218 A1 20150806; CA 2938220 A1 20150806; CN 106062154 A 20161026; CN 106062154 B 20191213; CN 106133120 A 20161116; CN 106133120 B 20191213; CN 106459811 A 20170222; CN 106459811 B 20200218; EP 3099767 A1 20161207; EP 3099768 A1 20161207; EP 3099768 B1 20190821; EP 3099769 A1 20161207; ES 2756578 T3 20200427; KR 102378650 B1 20220324; KR 20160114145 A 20161004; KR 20160114159 A 20161004; KR 20160114161 A 20161004; PL 3099768 T3 20200228; RU 2016134920 A 20180305; RU 2016134920 A3 20180924; RU 2016134921 A 20180305; RU 2016134921 A3 20180924; RU 2016134922 A 20180305; RU 2016134922 A3 20180925; RU 2684323 C2 20190408; RU 2685271 C2 20190417; RU 2689799 C2 20190529; SG 11201605508U A 20160830; SG 11201606143V A 20160830; US 10150927 B2 20181211; US 10240100 B2 20190326; US 10377958 B2 20190813; US 2017037336 A1 20170209; US 2017066986 A1 20170309; US 2017183590 A1 20170629; WO 2015114051 A1 20150806; WO 2015114053 A1 20150806; ZA 201605889 B 20171129

DOCDB simple family (application)

EP 2015051752 W 20150129; AU 2015212854 A 20150129; AU 2015212878 A 20150129; BR 112016017414 A 20150129; BR 112016017418 A 20150129; CA 2938218 A 20150129; CA 2938220 A 20150129; CN 201580006480 A 20150129; CN 201580012804 A 20150129; CN 201580017192 A 20150129; EP 15702224 A 20150129; EP 15703029 A 20150129; EP 15703038 A 20150129; EP 2015051822 W 20150129; EP 2015051825 W 20150129; ES 15703029 T 20150129; KR 20167023516 A 20150129; KR 20167023656 A 20150129; KR 20167023671 A 20150129; PL 15703029 T 20150129; RU 2016134920 A 20150129; RU 2016134921 A 20150129; RU 2016134922 A 20150129; SG 11201605508U A 20150129; SG 11201606143V A 20150129; US 201515115150 A 20150129; US 201515115587 A 20150129; US 201515115594 A 20150129; ZA 201605889 A 20160824