

Title (en)

Turbine and R&O oils containing neutral rust inhibitors

Title (de)

Neutrale Rostinhibitoren enthaltende Turbin- und R&O-Öle

Title (fr)

Huiles de turbine ou R&O comprenant des inhibiteurs de rouille neutre

Publication

EP 0978554 A3 20000308 (EN)

Application

EP 99305884 A 19990726

Priority

GB 9816951 A 19980804

Abstract (en)

[origin: EP0978554A2] A composition suitable for use as a turbine or rust and oxidation (R&G) oil comprising a major portion of a base oil and (A) at least one neutral rust inhibitor, wherein the base oil has a viscosity index of greater than 80, a saturates content of greater than 90 wt% and a sulfur content of 0.5 wt% or less providing improved filterability. Further improved hydrolytic stability may be obtained by the addition of (B) a compound of the formula:

IPC 1-7

C10M 101/02; **C10M 169/04**

IPC 8 full level

C10M 139/00 (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP KR)

C10M 101/02 (2013.01 - EP); **C10M 129/72** (2013.01 - EP); **C10M 129/76** (2013.01 - EP); **C10M 133/16** (2013.01 - EP); **C10M 133/46** (2013.01 - EP); **C10M 133/56** (2013.01 - EP); **C10M 135/10** (2013.01 - EP); **C10M 139/00** (2013.01 - KR); **C10M 169/04** (2013.01 - EP); **C10M 2203/1006** (2013.01 - EP); **C10M 2203/1025** (2013.01 - EP); **C10M 2203/1045** (2013.01 - EP); **C10M 2203/1065** (2013.01 - EP); **C10M 2203/1085** (2013.01 - EP); **C10M 2207/282** (2013.01 - EP); **C10M 2207/285** (2013.01 - EP); **C10M 2207/286** (2013.01 - EP); **C10M 2207/287** (2013.01 - EP); **C10M 2207/288** (2013.01 - EP); **C10M 2207/289** (2013.01 - EP); **C10M 2215/08** (2013.01 - EP); **C10M 2215/082** (2013.01 - EP); **C10M 2215/086** (2013.01 - EP); **C10M 2215/12** (2013.01 - EP); **C10M 2215/122** (2013.01 - EP); **C10M 2215/224** (2013.01 - EP); **C10M 2215/28** (2013.01 - EP); **C10M 2219/044** (2013.01 - EP)

Citation (search report)

- [XY] US 2971912 A 19610214 - SCOTCHFORD ELLIOTT JOHN, et al
- [XY] EP 0799883 A1 19971008 - IDEMITSU KOSAN CO [JP]
- [XY] EP 0393732 A2 19901024 - KING INDUSTRIES INC [US]
- [X] EP 0259809 A2 19880316 - IDEMITSU KOSAN CO [JP]
- [Y] US 5089157 A 19920218 - TRIVETT ROBERT L [US]
- [Y] EP 0776964 A1 19970604 - ETHYL PETROLEUM ADDITIVES LTD [GB]
- [DA] US 4101429 A 19780718 - BIRKE AUGUST H

Cited by

US6645920B1; WO2008074760A1; WO2008031808A3

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)

EP 0978554 A2 20000209; **EP 0978554 A3 20000308**; **EP 0978554 B1 20031217**; CA 2276920 A1 20000204; CN 1100858 C 20030205; CN 1244571 A 20000216; DE 69913615 D1 20040129; DE 69913615 T2 20041014; GB 9816951 D0 19980930; JP 2000063879 A 20000229; JP 3642556 B2 20050427; KR 20000017030 A 20000325; SG 85123 A1 20011219

DOCDB simple family (application)

EP 99305884 A 19990726; CA 2276920 A 19990706; CN 99111946 A 19990804; DE 69913615 T 19990726; GB 9816951 A 19980804; JP 21351799 A 19990728; KR 19990031806 A 19990803; SG 1999003651 A 19990727