

Title (en)

A Method of Operating a Marine or Stationary Diesel Engine

Title (de)

Verfahren zum Betrieb von Schiffs- oder stationären Dieselmotoren

Title (fr)

Procédé d'exploitation de moteurs diesel marins ou fixes.

Publication

EP 1790710 A1 20070530 (EN)

Application

EP 06121647 A 20061002

Priority

- EP 05270084 A 20051125
- EP 06121647 A 20061002

Abstract (en)

A method of operating a marine or stationary diesel engine is disclosed in which the engine is lubricated with a single cylinder lubricant that is fed at a substantially constant feed rate to the engine. When the engine runs on fuel having a sulphur level that requires more base than is available from the cylinder lubricant, at least one overbased detergent having a base number of greater than 150 mgKOH/g is added to the fuel.

IPC 8 full level

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CPC (source: EP)

C10L 1/1828 (2013.01); **C10L 1/189** (2013.01); **C10L 1/2437** (2013.01); **C10L 1/2493** (2013.01); **C10L 10/08** (2013.01); **C10M 171/00** (2013.01); **C10N 2020/01** (2020.05); **C10N 2030/52** (2020.05); **C10N 2040/252** (2020.05)

Citation (applicant)

- EP 1496100 A1 20050112 - ETHYL PETROLEUM ADDITIVES INC [US]
- US 6339051 B1 20020115 - CAREY VINCENT M [US], et al
- US 2003183178 A1 20031002 - CAPROTTI RINALDO [GB], et al
- EP 1486556 A1 20041215 - INFINEUM INT LTD [GB]
- WO 9746643 A1 19971211 - EXXON CHEMICAL PATENTS INC [US], et al
- WO 9746644 A1 19971211 - EXXON CHEMICAL PATENTS INC [US], et al
- WO 9746645 A1 19971211 - EXXON CHEMICAL PATENTS INC [US], et al
- WO 9746646 A1 19971211 - EXXON CHEMICAL PATENTS INC [US], et al
- WO 9746647 A1 19971211 - EXXON CHEMICAL PATENTS INC [US], et al
- EP 0750659 A1 19970102 - CHEVRON CHEM SA [FR]

Citation (search report)

- [Y] EP 1496100 A1 20050112 - ETHYL PETROLEUM ADDITIVES INC [US]
- [Y] US 6339051 B1 20020115 - CAREY VINCENT M [US], et al
- [A] US 2003183178 A1 20031002 - CAPROTTI RINALDO [GB], et al
- [A] EP 1486556 A1 20041215 - INFINEUM INT LTD [GB]

Cited by

CN111349480A; US2013098322A1; US9175237B2; WO2011066059A1; EP2128231A2; US9175236B2

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