

Title (en)

Compositions for use in alcohol and alcohol containing fuels.

Title (de)

Zusammensetzungen zur Verwendung in Alkohol und Alkohol enthaltende Heizöle.

Title (fr)

Compositions utilisables dans un alcool et alcools contenant des fuels.

Publication

EP 0086049 A1 19830817 (EN)

Application

EP 83300294 A 19830120

Priority

US 34530082 A 19820203

Abstract (en)

Corrosion inhibiting additive compositions for use in alcohol and alcohol containing normally liquid hydrocarbon fuels derived by the reaction of at least one succinic acylating agent and at least one monoamine having the formula (R1)(R2)(R3)N wherein R1 is a hydrocarbon based radical and R2 and R3 are independently hydrogen or hydrocarbon based radicals and alcohol and alcohol containing normally liquid hydrocarbonaceous petroleum distillate fuels containing said additive compositions are disclosed.

IPC 1-7

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IPC 8 full level

C10L 1/02 (2006.01); **C10L 1/22** (2006.01); **C10L 10/00** (2006.01); **C10L 10/04** (2006.01)

CPC (source: EP)

C10L 1/22 (2013.01)

Citation (search report)

- [X] FR 2050049 A5 19710326 - EXXON RESEARCH ENGINEERING CO
- [Y] US 3893825 A 19750708 - GOELLER LEONHARD A
- [YD] US 4282007 A 19810804 - SUNG RODNEY L

Cited by

US4668245A; FR2563839A1; US5160350A; WO8907126A1

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EP 0086049 A1 19830817; **EP 0086049 B1 19861217**; AU 1082583 A 19830811; AU 563150 B2 19870702; BR 8300416 A 19831101; CA 1208236 A 19860722; DE 3368438 D1 19870129; ES 519483 A0 19840316; ES 8403435 A1 19840316; IN 158027 B 19860816; JP H0238120 B2 19900829; JP S58134192 A 19830810; MX 163254 B 19920324; MX 174305 B 19940504; ZA 83684 B 19831026

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