

Title (en)
Corrosion inhibitors for fuels.

Title (de)
Korrosionsinhibitor für Treibstoffe.

Title (fr)
Inhibiteur de corrosion pour carburants.

Publication
EP 0263925 A1 19880420 (DE)

Application
EP 87110212 A 19870715

Priority
DE 3624767 A 19860722

Abstract (en)
Phosphorus-free corrosion inhibitors for alcohol-containing motor fuels contain a mixture of benzotriazole and tolyltriazole, sodium boroheptonate, an alkylene oxide addition product of primary or secondary amines, ethylene glycol and methanol or ethanol.

Abstract (de)
Phosphorfreie Korrosionsinhibitoren für alkoholhaltige Treibstoffe enthalten eine Mischung von Benzotriazol und Tolyltriazol, Natriumboroheptonat, ein Alkylenoxydanlagerungsprodukt von primären oder sekundären Aminen, Äthylenglykol und Methanol oder Äthanol.

IPC 1-7
C10L 1/10; **C10L 1/14**; **C10L 1/22**; **C10L 10/04**

IPC 8 full level
C10L 1/10 (2006.01); **C10L 1/22** (2006.01); **C10L 1/222** (2006.01); **C10L 10/04** (2006.01); **C10L 1/12** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP)
C10L 1/10 (2013.01); **C10L 10/04** (2013.01); **C10L 1/1291** (2013.01); **C10L 1/1824** (2013.01); **C10L 1/2222** (2013.01); **C10L 1/232** (2013.01)

Citation (search report)

- [XD] DE 3433554 A1 19850411 - SANDOZ AG [DE]
- [A] FR 2150703 A1 19730413 - MOBIL OIL CORP
- [A] US 4518395 A 19850521 - PETRONELLA JOSEPH [US]
- [A] US 4595523 A 19860617 - KNEPPER J IRVINE [US], et al
- [A] FR 2227318 A1 19741122 - BASF AG [DE]
- [A] US 2759021 A 19560814 - GAAR FIELDING S, et al
- [A] US 3092475 A 19630604 - COLE ELDON B, et al
- [A] FR 1211144 A 19600314 - SHELL RES LTD
- [A] US 3574577 A 19710413 - ECKERT GEORGE W, et al
- [A] FR 2405987 A1 19790511 - LUBRIZOL CORP [US]

Cited by
DE3724181A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0263925 A1 19880420; AU 7598887 A 19880128; CN 87104997 A 19881130; DD 261371 A5 19881026; DE 3624767 A1 19880601; DK 380987 A 19880123; DK 380987 D0 19870721; ES 2002250 A4 19880801; GR 880300061 T1 19881018; JP S6366291 A 19880324; NO 873027 D0 19870720; NO 873027 L 19880125; NZ 221139 A 19890727; ZA 875282 B 19880330

DOCDB simple family (application)
EP 87110212 A 19870715; AU 7598887 A 19870721; CN 87104997 A 19870722; DD 30519687 A 19870721; DE 3624767 A 19860722; DK 380987 A 19870721; ES 87110212 T 19870715; GR 880300061 T 19880520; JP 18127187 A 19870722; NO 873027 A 19870720; NZ 22113987 A 19870721; ZA 875282 A 19870717