

Title (en)

Low sulfur, low ash, and low phosphorus lubricant additive package, using an alkylamine salt of a dialkylmonothiophosphate

Title (de)

Additivzusammensetzung mit niedrigem Schwefel-, Phosphor- und Aschegehalt enthaltend ein Alkylaminsalz eines Dialkylmonothiophosphats

Title (fr)

Composition d'additif à faible teneur en soufre, en phosphore et en cendres contenant un alcoylammonium dialkylmonothiophosphate

Publication

EP 1502939 A3 20050720 (EN)

Application

EP 04254564 A 20040729

Priority

US 63002603 A 20030730

Abstract (en)

[origin: EP1502939A2] A low sulfur, low ash, and low phosphorus oil soluble lubricant additive package comprising an alkylamine salt of a dialkylmonothiophosphate, at least one detergent, at least one dispersant and at least one antioxidant.

IPC 1-7

C10M 163/00; C10M 169/04

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] EP 0744456 A2 19961127 - ETHYL PETROLEUM ADDITIVES LTD [GB]
- [X] WO 8707638 A2 19871217 - LUBRIZOL CORP [US]
- [X] US 2002160922 A1 20021031 - MILNER JEFFREY L [US], et al
- [A] EP 1167497 A2 20020102 - CHEVRON ORONITE JAPAN LTD [JP]

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