

Title (en)

Composition for improving cold flow properties of middle distillates.

Title (de)

Zusammensetzung zur Verbesserung der Kaltfließeigenschaften von Mitteldestillaten.

Title (fr)

Composition pour améliorer les propriétés d'écoulement à froid de distillats moyens.

Publication

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Application

EP 91305465 A 19910617

Priority

- US 54500290 A 19900628
- US 54502890 A 19900628

Abstract (en)

A wax-containing middle distillate, such as diesel fuel, having improved low temperature flow properties comprises three or more components including (A) an oil-soluble ethylene backbone flow improving polymer such as ethylene vinyl acetate copolymer, (B) a hydrocarbyl substituted amine salt and/or amide of a carboxylic acid or anhydride such as phthalic anhydride salts, and (C) a hydrocarbyl substituted amine salt and/or amide of (I) a benzoic acid derivative such as the dihydrogenated tallow amine salt of an alkyl substituted dithiobenzoic acid or (II) a phosphoric acid derivative such as the dihydrogenated tallow amine salt of dialkyldithiophosphoric acid.

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Citation (search report)

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