

Title (en)
Diesel fuel compositions

Title (de)
Dieselbrennstoffzusammensetzungen

Title (fr)
Compositions de combustible diesel

Publication
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Application
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Abstract (en)
This invention relates to a diesel fuel composition, comprising a major amount of a diesel fuel and a minor property improving amount of the combination of: (A) at least one first soluble hydrocarbyl substituted carboxylic acid or acid producing compound, the hydrocarbyl substituent of said first acid or acid producing compound having up to about 24 carbon atoms per molecule; and (B) at least one second hydrocarbyl substituted carboxylic acid or acid producing compound, the hydrocarbyl substituent of said second acid or acid producing compound having at least about 30 carbon atoms per molecule.

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Citation (search report)

- [X] US 4032303 A 19770628 - DORER JR CASPER JOHN, et al
- [X] EP 0488747 A1 19920603 - LUBRIZOL CORP [US]
- [X] EP 0476196 A1 19920325 - ETHYL PETROLEUM ADDITIVES LTD [GB]
- [X] FR 2340993 A1 19770909 - DU PONT [US]
- [X] EP 0739970 A1 19961030 - KAO CORP [JP]
- [DX] WO 9618706 A1 19960620 - EXXON CHEMICAL PATENTS INC [US], et al
- [X] WO 9623855 A1 19960808 - EXXON CHEMICAL PATENTS INC [US], et al
- [X] FR 1405551 A 19650709 - EXXON RESEARCH ENGINEERING CO
- [X] GB 2285057 A 19950628 - ETHYL PETROLEUM ADDITIVES LTD [GB]

Cited by
ES2257220A1; US6656237B1; US7252690B2; US6051039A; US9487719B2; US9873848B2; WO2004009740A3; WO2011146289A1

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