

Title (en)
LOW-EMISSIONS DIESEL FUEL EMULSIONS

Title (de)
DIESELKRAFTSTOFFEMULSIONEN MIT GERINGEN SCHADSTOFFEMISSIONEN

Title (fr)
EMULSIONS DE CARBURANT DIESEL PEU POLLUANT

Publication
EP 1337608 A4 20040218 (EN)

Application
EP 01975605 A 20010928

Priority
• US 0130606 W 20010928
• US 23613600 P 20000928

Abstract (en)
[origin: WO0226918A1] A low-emissions diesel fuel comprises fungible aviation kerosene emulsified with from 1 to 30 % water, and preferably contains 50-300 ppm detergent and 25-500 ppm lubricity additive. Improved results can be achieved by also employing a fuel-soluble platinum group compound, such as 0.1-2.0 ppm platinum COD and a fuel-soluble cerium compound, such as 5-20 ppm cerium oleate. A method of reducing the emissions of pollutants from a diesel engine, comprising running the engine on a fuel as defined. The method is improved by also employing another pollution-reducing technique selected from timing changes, exhaust gas recirculation, oxidation catalysts, lean NOx catalysts and particulate filters for enhanced emissions control,

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IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
• [E] WO 0185876 A1 20011115 - CLEAN DIESEL TECH INC [US], et al
• [E] WO 0210317 A1 20020207 - CLEAN DIESEL TECH INC [US], et al
• [X] WO 0053699 A1 20000914 - BURWOOD CORP LTD [GB], et al
• See references of WO 0226918A1

Cited by
CN112257551A; CN100413943C

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WO 0226918 A1 20020404; AU 9491501 A 20020408; CA 2423859 A1 20020404; EP 1337608 A1 20030827; EP 1337608 A4 20040218; US 2004098905 A1 20040527

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