

Title (en)
LOW-EMISSIONS DIESEL FUEL

Title (de)
EMISSIONSARMER DIESELKRAFTSTOFF

Title (fr)
CARBURANT DIESEL A FAIBLES EMISSIONS

Publication
EP 1409617 A1 20040421 (EN)

Application
EP 01933179 A 20010508

Priority
• US 0114789 W 20010508
• US 20275000 P 20000508
• US 20280700 P 20000509

Abstract (en)
[origin: WO0185876A1] A low-emissions diesel fuel comprises fungible aviation kerosene grade 55, 50-300 ppm detergent, 25-500 ppm lubricity additive and a bimetallic, fuel soluble platinum and cerium fuel borne catalyst (<i>e.g.</i>, 0.1-2.0 ppm platinum COD and 5-20 ppm cerium oleate). The fuel can be used as is or in the form of an emulsion. A method of reducing the emissions of pollutants from a diesel engine, comprising running the engine on a fuel as defined. Retarding engine timing can further reduce NOx and the use of a diesel particulate filter and/or diesel oxidation catalyst can provide further reductions i carbon monoxide, unburned hydrocarbons and particulates.

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C10L 1/32; **C10L 1/18**; **C10L 1/30**

IPC 8 full level
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CPC (source: EP)
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