

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 May 2001 (10.05.2001)

PCT

(10) International Publication Number
WO 01/32809 A1

- (51) International Patent Classification⁷: **C10L 1/02**,
C10G 27/12, 67/12, C10L 1/18, 10/02
- (21) International Application Number: PCT/EP00/10829
- (22) International Filing Date: 31 October 2000 (31.10.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
9925971.5 3 November 1999 (03.11.1999) GB
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- With international search report.
 - Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: REDUCED PARTICULATE FORMING DISTILLATE FUELS

(57) Abstract: Distillate fuel is selectively oxidised, preferably by hydrogen peroxide in the presence of a titanium silicalite catalyst to produce hydroxyl and/or carbonyl groups bonded to paraffinic carbon atoms of the diesel fuel molecules to provide at least 0.1 wt %, preferably at least 0.3 wt %, oxygen in the fuel. The fuel, which yields lower particulate emissions on combustion preferably, has a low sulphur, polycyclic aromatics and olefin content and a high cetane number.



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