

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International Patent Classification <sup>6</sup> :<br><b>C10L 1/24, 10/04, 10/00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>A1</b> | (11) International Publication Number: <b>WO 99/35217</b><br>(43) International Publication Date: <b>15 July 1999 (15.07.99)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p>(21) International Application Number: <b>PCT/GB99/00049</b></p> <p>(22) International Filing Date: <b>7 January 1999 (07.01.99)</b></p> <p>(30) Priority Data:<br/>9800442.7      10 January 1998 (10.01.98)      <b>GB</b></p> <p>(71) Applicant (for all designated States except US): <b>LUBRIZOL ADIBIS HOLDINGS (UK) LIMITED [GB/GB]; Dock Road South, Bromborough, Wirral, Merseyside L62 4SH (GB).</b></p> <p>(72) Inventor; and<br/>(75) Inventor/Applicant (for US only): <b>MORETON, David, John [GB/GB]; 76 Ellesmere Avenue, Off Holderness Road, Hull, East Yorkshire HU8 9BT (GB).</b></p> <p>(74) Agent: <b>CRISP, David, Norman; D. Young &amp; Co., 21 New Fetter Lane, London EC4A 1AY (GB).</b></p> |           | <p>(81) Designated States: <b>AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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).</b></p> <p><b>Published</b><br/><i>With international search report.</i></p> |
| <p>(54) Title: <b>FUEL COMPOSITION</b></p> <p>(57) Abstract</p> <p>This invention relates to a fuel composition, comprising: a marine diesel fuel; and a liner lacquering reducing amount of a hydrocarbyl-substituted sulphonic acid. This invention also relates to a process for reducing liner lacquering in a marine diesel engine, comprising operating the diesel engine using the foregoing fuel composition.</p>                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |