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(71) Applicant (for all designated States except US):

INFINEUM INTERNATIONAL LIMITED [GB/GB];
P.O. Box 1, Milton Hill, Abingdon, Oxfordshire OX13
6BB (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MILNE, Neal, James** [GB/GB]; P.O. Box 1, Milton Hill, Abingdon, Oxfordshire OX13 6BB (GB). **ARROWSMITH, Stephen** [GB/GB]; P.O. Box 1, Milton Hill, Abingdon, Oxfordshire OX13 6BB (GB). **BURROWS, Aubrey, L.** [GB/GB]; P.O. Box 1, Milton Hill, Abingdon, Oxfordshire OX13 6BB (GB). **LIN, Wangkan** [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US). **WILSON, Paul** [US/US]; P.O. Box 1, Milton Hill, Abingdon, Oxfordshire, OX13 6BB (US). **BOOTH, Christopher, James** [GB/GB];

P.O. Box 1, Milton Hill, Abingdon, Oxfordshire OX13 6BB (GB). **EMERT, Jacob** [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US). **CHAMBARD, Laurent** [FR/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US).

(74) Agent: **LEVINE, Jacob, M.**; Infineum USA L.P., 1900 East Linden Avenue, P.O. Box 710, Linden, NJ 07036 (US).

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(54) Title: ADDITIVES AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME

(57) Abstract: Para-alkylated substituted diphenylamines are made by catalytically alkylating diphenylamine with a branched-chain alkene, such as propene, oligomer mixture in which the oligomer present in the greatest percentage has 15-24 carbon atoms. The alkylated diphenylamines are useful crankcase lubricant additives such as for reducing piston deposits and engine sludge.

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