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(54) Title: ALKYLATION OF N'-PHENYL-N-ALKYLPHENYLENEDIAMINES IN IONIC LIQUID, N'-PHENYL-N-ALKYL(ALKYLPHENYLENE) DIAMINES PRODUCED THEREBY, AND LUBRICANT COMPOSITIONS CONTAINING SAME

(57) Abstract: A process for alkylation of a N'-phenyl-N-alkyl-p-phenylenediamine of specified formula in an ionic liquid unexpectedly produces a N'-phenyl-N-alkyl (alkylphenylene) diamine of a second specified formula. The use of an inorganic liquid permits convenient separation of the alkylated reaction product from the reaction mixture.

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