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(54) Title: DIRECT ALKYLATION OF N-ALKYL-N'-PHENYL-P-PHENYLENEDIAMINE

(57) Abstract: A single-step process is disclosed for the ring alkylation of at least one N-alkyl-N'-phenyl-phenylenediamine with at least one olefin wherein the process comprises heating a mixture of the N-alkyl-N'-phenyl-phenylenediamine(s) and olefin(s) in the presence of a catalytic amount of at least one alkyl aluminum halide at a temperature of from about 50 to about 350 °C in a sealed vessel for from about one to about 30 hours.

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