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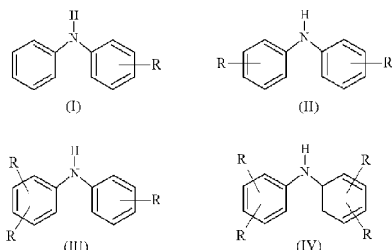
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(54) Title: COMPOSITIONS COMPRISING ALKYLATED DIPHENYLAMINES WITH IMPROVED PROPERTIES



(57) Abstract: The present invention relates to a composition comprising alkylated diphenylamines of the structural formulas (I), (II), (III), and (IV), to industrial products such as additive blends, engine oils, and polymer compositions comprising the mixture of alkylated diphenylamines, and to the use of the mixture as an additive such in industrial products such as additive blends, engine oils and polymer compositions: wherein R is a branched C₄-C₁₆-alkyl group, and wherein the total amount of tetra-alkylated diphenylamines of the structural formula (IV) is in the range from 0.20 to 3.5 wt.%, based on the total weight of alkylated diphenylamines of the structural formula (I), (II), (III), and (IV) in the composition.



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