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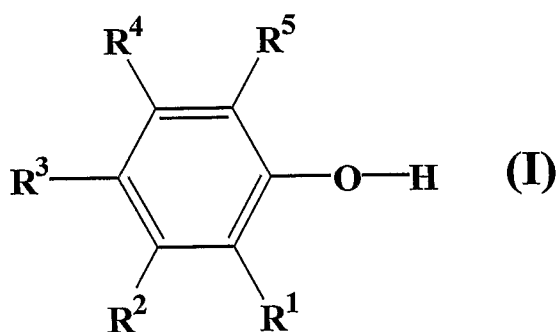
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(54) Title: ADDITIVES TO PREVENT DEGRADATION OF CYCLIC ALKENE DERIVATIVES



(57) Abstract: A stabilized cyclic alkene composition comprising one or more cyclic alkenes, and at least one antioxidant compound having the formula (I), wherein R¹ through R⁵ can each independently be H, OH, C₁-C₈ linear, branched, or cyclic alkyl, C₁-C₈ linear, branched, or cyclic alkoxy or substituted or unsubstituted aryl, and wherein the antioxidant compound is present in an amount between 1 ppm and 200 ppm, and wherein said composition is purged with at least one inert gas after said composition is introduced to a container intended for storage or shipping of said composition. A method for forming a layer of carbon-doped silicon oxide on a substrate, which uses the stabilized alkene composition and a silicon containing compound.

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