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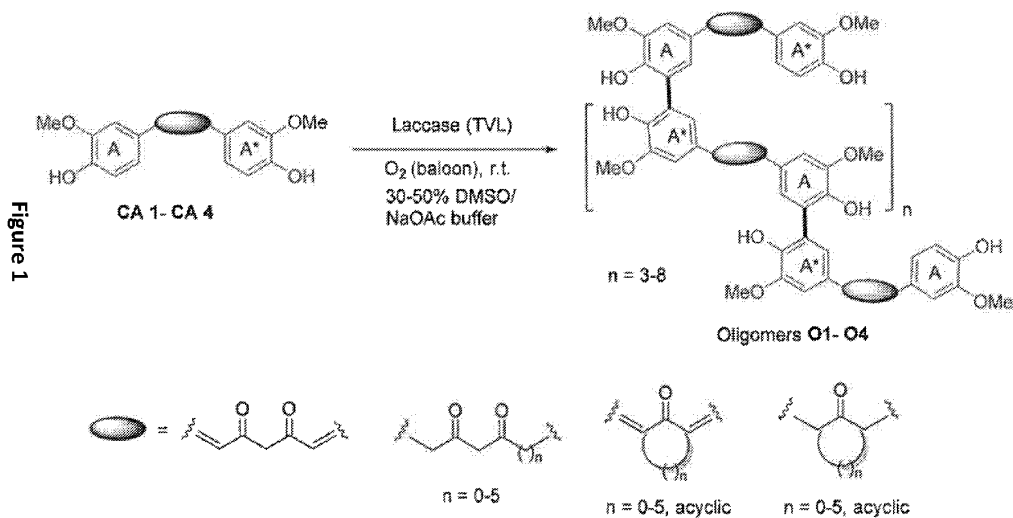
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(54) Title: OLIGOMERIC MATERIALS FOR UV BLOCKING APPLICATIONS AND METHODS THEREOF



(57) Abstract: The present invention describes an oligomer for use as a UV stabiliser. In particular, the oligomer is suitable for use as a UV stabiliser in a polymer matrix. The present invention also describes a method of forming said oligomer. The method of forming said oligomer comprises a polymerising step, wherein the polymerising step comprises forming a C-C bond on the hydroxyphenyl ring of a monomer. In preferred embodiments, the oligomer is formed from polymerizing bio-derived monomer such as curcumin, its hydrogenated analogue, and an aldol condensation product of cyclic ketone and vanillin.

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