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(54) Title: A NANO-COMPOSITE

(57) Abstract: There is provided a method of making a nano-composite having individual nano-sized silica particles dispersed in a polymer matrix, the method comprises the step of curing a substantially homogeneous mixture of surface-functionalized nano-sized silica particles, a polymerizable resin and a curing agent, wherein said substantially homogeneous mixture is substantially free of alcoholic solvent to form the nano-composite.



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