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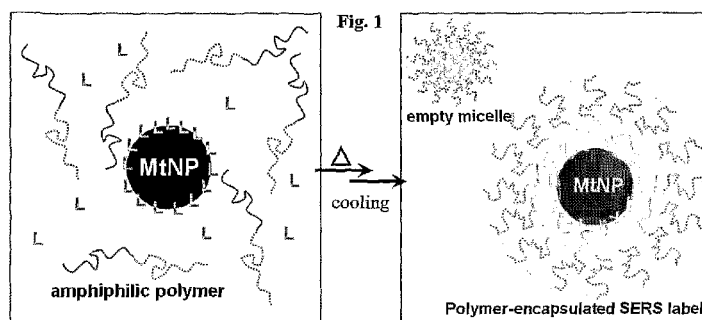
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(54) Title: POLYMER ENCAPSULATED PARTICLES AS SURFACE ENHANCED RAMAN SCATTERING PROBES



(57) Abstract: The present invention refers to a Raman active composite material comprising a metal particle; a coating layer of a Raman active molecule bound to the metal particle; and an encapsulating layer of an amphiphilic polymer bound to the metal particle. The present invention also refers to methods of manufacturing a Raman active composite material described herein and their uses.