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Palaniappan

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(54) **GELLAN-GUM NANOPARTICLES AND METHODS OF MAKING AND USING THE SAME**

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(58) **Field of Classification Search** None
See application file for complete search history.

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(57) **ABSTRACT**

Compositions containing a reaction product of gellan gum and polyethylene glycol are disclosed. Methods of making controlled-release gellan gum nanoparticles and methods of using controlled-release gellan gum nanoparticles are also disclosed.

13 Claims, 24 Drawing Sheets