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(54) Title: POLYMERIZATION OF COMPOSITIONS COMPRISING A FARNESENE

(57) Abstract: Provided herein are polyfarnesenes such as farnesene homopolymers derived from a farnesene and farnesene inter-polymers derived from a farnesene and at least a vinyl monomer; and the processes of making and using the polyfarnesenes. The farnesene homopolymer can be prepared by polymerizing the farnesene in the presence of a catalyst. In some embodiments, the farnesene is prepared from a sugar by using a microorganism.

