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(54) Title of the Invention: Ultra-high molecular weight polymers and methods of making and using the same
Abstract Title: Ultra-high molecular weight polymers and methods of making and using the same

(57) The present disclosure provides for compositions including at least one type of watersoluble polymer having a molecular weight of about 10 kDa to 10,000 kDa, methods of making the water-soluble polymer, structures having the water-soluble polymer disposed thereof, and methods of use thereof. The present disclosure provides for branched and hyperbranched water-soluble polymers and methods of making branched and hyperbranched water-soluble polymers.

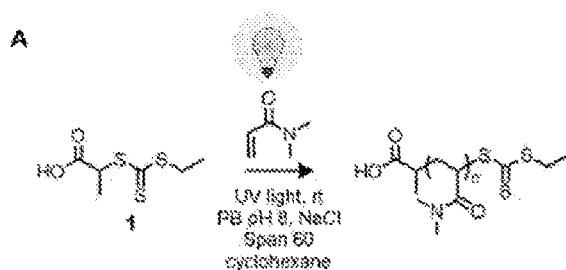


FIG. 1.1A