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(54) Title: ANION EXCHANGE POLYMERS, METHODS FOR MAKING AND MATERIALS PREPARED THEREFROM

(57) Abstract: A novel anion exchange polymer is provided. A method of making the anion exchange polymer includes reacting a tertiary amine, an acid inhibitor and a polyepoxide to form a quaternary ammonium monomer and polymerizing the quaternary ammonium monomer in the presence of a catalyst. The exchange polymer is prepared without using alkyl halides and can be used to make improved ion exchange materials that are chemically resistant and non-fouling.

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