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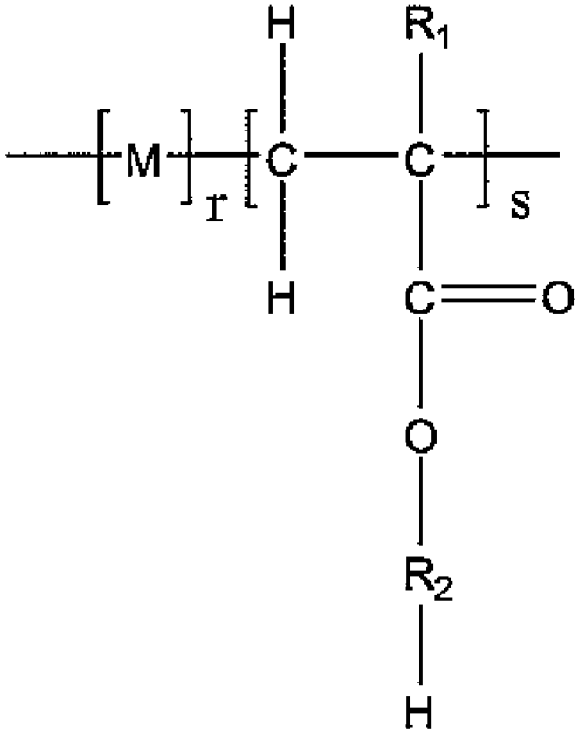
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(54) Title: METHOD FOR INHIBITING THE FORMATION AND DEPOSITION OF SILICA SCALE IN AQUEOUS SYSTEMS



(57) Abstract: A method for inhibiting the formation and deposition of silica and silicate compounds in water systems comprising adding to the water in the water system an effective inhibiting amount of one or more water-soluble polymers of formula wherein M is a repeating unit obtained after polymerization of one or more monomers comprising a polymerizable carbon-carbon double bond; r is 0 to about 5 mole percent, s is 100 to about 95 mole percent; R1 is H or C_1-C_4 alkyl; R_2 is a group of formula -$(CH_2$-CHR_3-$O)_n$-; R_3 is H or CH_3, or a mixture thereof; and n is 2 to about 25.

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