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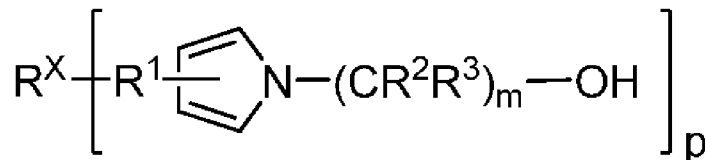
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(54) Title: IN SITU FORMATION OF HYDROXY CHAIN END FUNCTIONAL POLYOLEFINS



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(57) Abstract: Provided herein are methods for preparing a telechelic polymer of formula I wherein R¹ is a polyolefin group; R² and R³ are, independently in each -(CR²R³)- unit, hydrogen or alkyl from 1 to 6 carbons; m is an integer from 2 to 20; R^X is a cationic initiator residue; and p is an integer from 1 to 4.