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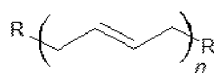
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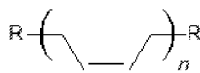
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(54) Title: PROCESS AND CATALYSTS FOR HYDROGEN MEDIATED ANIONIC COPOLYMERIZATION OF CONJUGATED DIENES AND LIQUID COPOLYMERS THEREOF

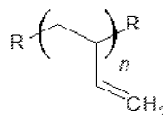
For Polybutadiene



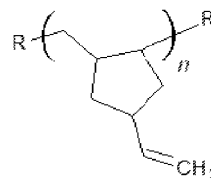
trans-1,4-BD



cis-1,4-BD

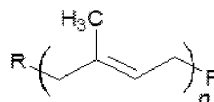


vinyl-1,2-BD

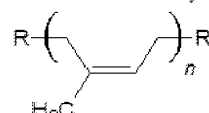


vinyccyclopentane (VCP)

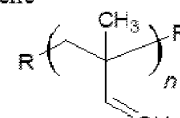
For Polyisoprene



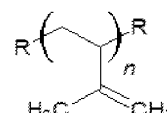
trans-1,4-IP



cis 1,4-IP



vinyl-1,2-IP



vinylidene-3,4-IP

(57) Abstract: The disclosure relates to hydrogen mediated anionically copolymerized conjugated diene vinyl aromatic compositions, copolymers of isoprene and/or butadiene with styrene, and processes and compositions for preparing them.

[Continued on next page]

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