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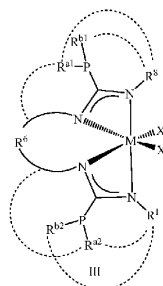
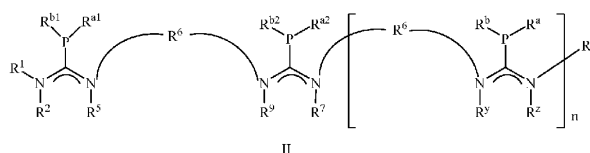
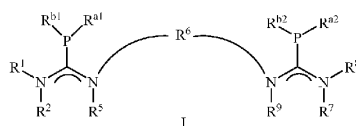
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(54) Title: BIS-PHOSPHAGUANIDINE AND POLY-PHOSPHAGUANIDINE LIGANDS WITH GROUP IV METAL CATALYSTS PRODUCED THEREFROM



(57) Abstract: Embodiments are directed to bis- and poly-phosphaguanidine compounds, and the metal-ligand complexes formed therefrom, wherein the metal complexes can be used as procatalysts in polyolefin polymerization. Formulas (I) (II) and (III).

[Continued on next page]

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