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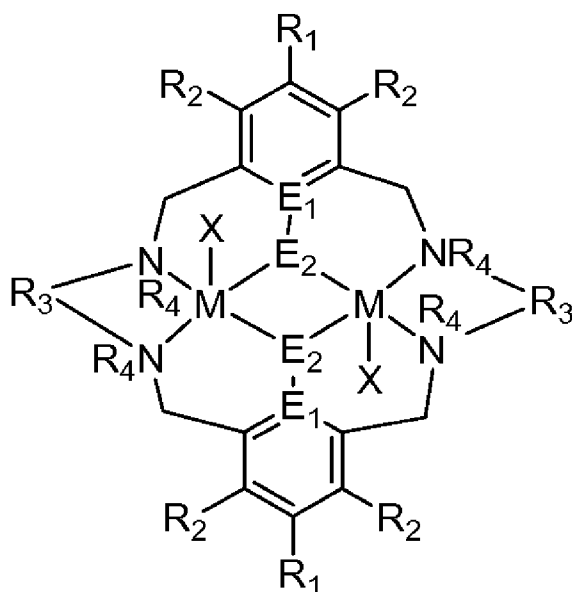
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(54) Title: METHOD OF SYNTHESISING POLYCARBONATES IN THE PRESENCE OF A BIMETALLIC CATALYST AND A CHAIN TRANSFER AGENT



(I)

(57) Abstract: The invention provides a process for the synthesis of a polycarbonate, the process comprising the step of reacting carbon dioxide with at least one epoxide in the presence of a catalyst of formula (I) and a chain transfer agent. The invention also provides a polymerisation system for the copolymerisation of carbon dioxide and at least one epoxide comprising a catalyst of formula (I) and a chain transfer agent, polycarbonates produced by the inventive process, a block copolymer comprising a polycarbonate produced by the inventive process and a method of producing the same. The invention also relates to novel catalysts of formula (III).



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