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(71) Applicant (for all designated States except US): **IMPERIAL INNOVATIONS LIMITED** [GB/GB]; 52 Princes Gate, London SW7 2PG (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WILLIAMS, Charlotte** [GB/GB]; 26 Kilmington Road, London SW13 9BY (GB). **KEMBER, Michael** [GB/GB]; 3 Mercers Place, Brook Green, London W6 7BZ (GB). **BUCHARD, Antoine** [FR/GB]; c/o Eonic Technologies Ltd, 52 Princes Gate, London SW7 2PG (GB). **JUTZ, Fabian** [CH/GB]; c/o Eonic Technologies Ltd, 52 Princes Gate, London SW7 2PG (GB).

(74) Agents: **CROOKS, Elizabeth, Caroline** et al.; Kilburn & Strode LLP, 20 Red Lion Street, London WC1R 4PJ (GB).

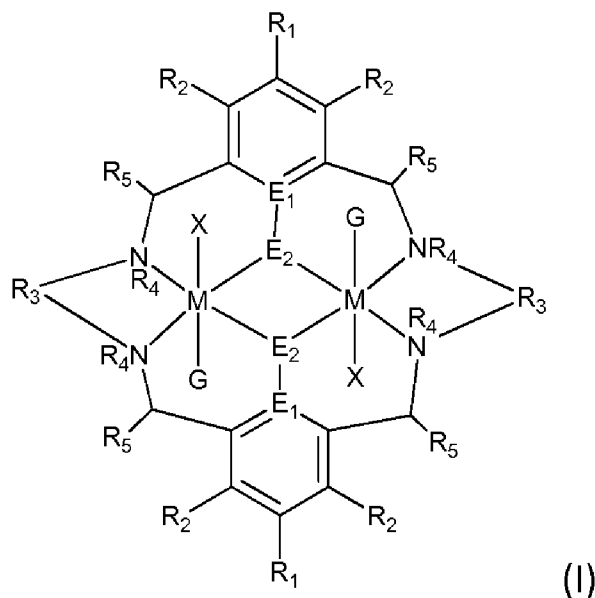
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(54) Title: METHOD OF SYNTHESISING POLYCARBONATES IN THE PRESENCE OF A BIMETALLIC CATALYST AND A CHAIN TRANSFER AGENT



(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).