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(71) Applicant (for all designated States except US): **BP CHEMICALS LIMITED** [GB/GB]; Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7BP (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GIBSON, Vernon, Charles** [GB/GB]; Flat 2, 46 Prince's Gate, Exhibition Road, London SW7 2QA (GB). **JACOBSEN, Grant, Berent** [GB/BE]; Ringlaan 59, B-3080 Tervuren (BE). **JONES, David, John** [AU/GB]; 170 Amesbury Avenue, Streatham Hill, London SW2 3AD (GB). **LONG, Richard, James** [GB/GB]; 2 London Road, South Milford, Leeds, West Yorkshire LS25 5DP (GB).

(74) Agent: **PREECE, Michael**; BP International Limited, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).

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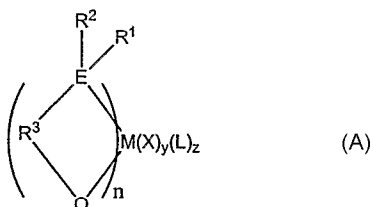
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(54) Title: POLYMERISATION CATALYSTS



(A)

(57) Abstract: A transition metal complex having the following Formula (A): wherein the monovalent groups R¹ and R² are -R^a, -OR^b, -NR^cR^d, and -NHR^e; the monovalent groups R^a, R^b, R^c, R^d, and R^e, and the divalent group R³ are (i) aliphatic hydrocarbon, (ii) alicyclic hydrocarbon, (iii) aromatic hydrocarbon, (iv) alkyl substituted aromatic hydrocarbon (v) heterocyclic groups and (vi) heterosubstituted derivatives of said groups (i) to (v); M is a Group (3) to (11) or lanthanide metal; E is phosphorus or arsenic; X is an anionic group, L is a neutral donor group; n is (1) or (2), y and z are independently zero or integers, such that the number of X and L groups satisfy the valency and oxidation state of the metal M. n is preferably (2) and the two resulting R¹ groups are preferably linked. The complex can be used with optional activator to polymerise olefins.

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