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(71) Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL], Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL)

(72) Inventors: DE BOER, Eric, Johannes, Maria, Badhuisweg 3, NL-1031 CM Amsterdam (NL) VAN DER HEIJDEN, Harry, Badhuisweg 3, NL-1031 CM Amsterdam (NL) MEIJBOOM, Nicolaas, Badhuisweg 3, NL-1031 CM Amsterdam (NL) VAN ZON, Arie, Badhuisweg 3, NL-1031 CM Amsterdam (NL)

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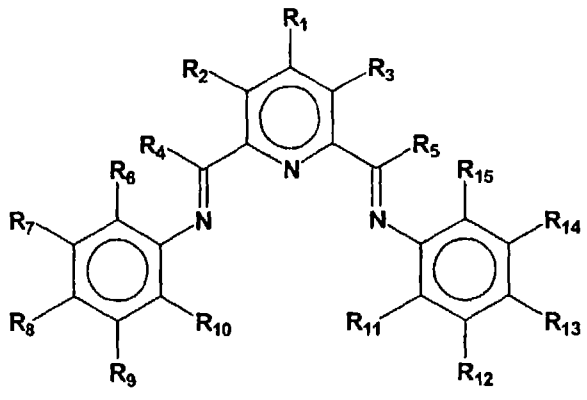
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(54) Title: LIGANDS AND CATALYST SYSTEMS THEREOF FOR ETHYLENE OLIGOMERISATION TO LINEAR ALPHA OLEFINS



(V)

(57) Abstract: Ligands of formula (V); bis-arylimmepyridine MX_n complexes comprising a ligand of formula (V), wherein M is a metal selected from Fe and Co, n is 2 or 3, and X is halide, optionally substituted hydrocarbyl, alkoxide, amide, or hydride, [bis-arylimmepyridine $MY_pL_n^+][NC^-]_q$ complexes, comprising a ligand of formula (V), wherein Y is a ligand which may insert an olefin, M is Fe or Co, NC^- is a non-coordinating anion and p+q is 2 or 3, matching the formal oxidation of the metal atom M, L is a neutral Lewis donor molecule and n = 0, 1, or 2, and processes for the production of alpha-olefins from ethylene, using said complexes

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