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ACTION

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(54) Title: CATALYST SYSTEM FOR THE TRIMERISATION OF OLEFINS

(57) Abstract: The invention relates to a catalyst system for the selective trimerisation of olefins, which system is based on a titanium complex of formula (Cp-B (R)_nAr) TiR¹₃, wherein: Cp is a cyclopentadienyl type ligand, optionally substituted, B is a bridging group, based on a single atom selected from the groups 13 to 16 inclusive of the Periodic System, Ar is a aromatic group, optionally substituted, R is, independently, hydrogen, or a hydrocarbon residue, optionally being substituted and optionally containing heteroatoms, or groups R and B are joined together to form a ring, N is an integer equal to the (valency of B minus 2), and R¹ is a mono-anionic group, and further comprises an activator. The present catalyst system obviates the use of toxic chromium compounds.