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(54) Title: HYDROFORMYLATION OF UNSATURATED COMPOUNDS USING POLYMERIC PHOSPHITE LIGANDS

(57) Abstract: A composition and a process for using the composition in hydroformylation of unsaturated organic compounds are disclosed. The composition comprises a Group VIII metal and a phosphite-containing polymer having repeat units derived from (1) a carbonyl compound, a monomer, and phosphochloridite; (2) phosphorus trichloride, a polyhydric alcohol, and an aromatic diol; or (3) combinations of (1) and (2). The process comprises contacting an unsaturated compound, in the presence of the composition disclosed herein, with a fluid comprising hydrogen.

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