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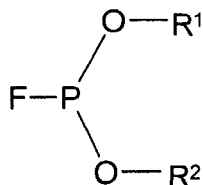
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(54) Title: EPOXIDE STABILIZATION OF FLUOROPHOSPHITE-METAL CATALYST SYSTEM IN A HYDROFORMYLATION PROCESS



(I)

(57) Abstract: A process for stabilizing a fluorophosphite ligand in a hydroformylation reaction mixture having an α -olefin, hydrogen, carbon monoxide and a catalyst composition having a combination of a rhodium containing compound and one or more fluorophosphite compounds having the general formula: (I) wherein R¹ and R² are hydrocarbyl radicals which contain a total of up to about 40 carbon atoms, the process includes the step of adding to the reaction mixture and epoxide in a sufficient amount to reduce the degradation of the fluorophosphite ligand.



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