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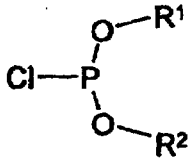
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(54) Title: HYDROFORMYLATION PROCESS USING CHLOROPHOSPHITE-METAL CATALYST SYSTEM



(I)

(57) Abstract

Disclosed are catalyst systems comprising one or more transition metals selected from the Group VIII metals and rhenium and one or more chlorophosphite compounds having general Formula (I), wherein R^1 and R^2 are aromatic hydrocarbyl radicals. Also disclosed are catalyst solutions comprising one or more the above chlorophosphite compounds, rhodium and a hydroformylation solvent, and hydroformylation processes wherein olefins are contacted with carbon monoxide, hydrogen and the catalyst solution to produce aldehydes.