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ACTION

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(54) Title: ONE-STEP PRODUCTION OF 1,3-PROPANEDIOL FROM ETHYLENE OXIDE AND SYNGAS WITH A CATALYST WITH A N-HETEROCYCLIC LIGAND

(57) Abstract: A catalyst composition comprising: a) a cobalt component comprising one or more non-ligated cobalt carbonyl compounds; and b) a ruthenium component comprising a ruthenium carbonyl compound ligated with a N-heterocyclic ligand selected from the group consisting of bidentate and multidentate N-heterocyclic ligands; and a process for preparing 1,3-propanediol using such a catalyst composition.