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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 COBALT-IRON CATALYST

(57) Abstract: A catalyst composition comprising: a) a cobalt component; and b) an iron component, optionally ligated with a ligand selected from the group consisting of N-heterocycle, phosphine, and porphorine moieties; and a process for preparing 1,3-propanediol from ethylene oxide and syngas using such a catalyst composition.