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(54) Title: OXIDATION PROCESS FOR THE PRODUCTION OF CARBOXYLIC ACIDS AND ALKENES

(57) Abstract: An oxidation process for the production of alkenes and carboxylic acids from a feed comprising alkene and/or alkane, carbon monoxide, a molecular oxygen containing gas and optionally water in the presence of an oxidation catalyst in which the level of carbon monoxide is maintained between 1% and 20% by volume of the total feed to the reactor.

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