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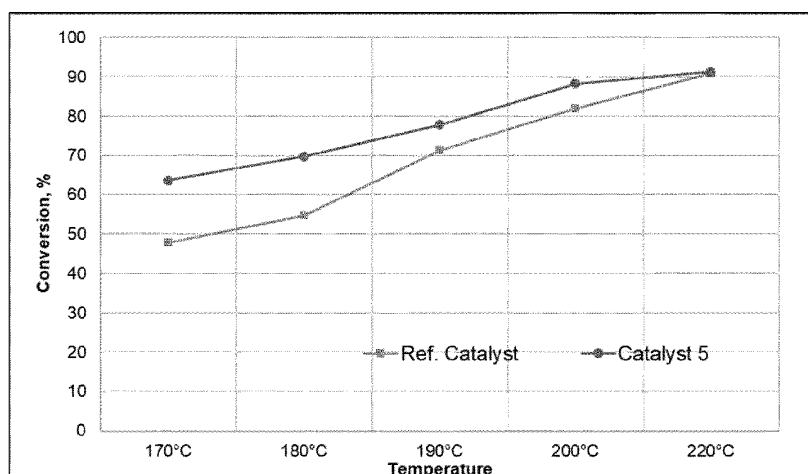
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FIG. 1



(57) Abstract: A hydrogenolysis catalyst comprises a catalytic component that includes copper oxide, manganese oxide, and aluminum oxide, and a binder that includes a zirconium component, wherein the catalyst comprises at least about 30.0 wt% copper oxide, and the catalyst is substantially free of silicon or an oxide thereof. The hydrogenolysis catalysts are effective for converting fatty acid esters to fatty alcohols.

[Continued on next page]

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