

**CATALYST COMPOSITIONS AND THE USE THEREOF IN
THE HYDROGENATION OF CARBOXYLIC ACID ESTERS**

ABSTRACT

Disclosed are catalyst compositions comprised of the oxides of copper, zinc, and a third element selected from the group consisting of aluminum, magnesium, zirconium, and mixtures thereof, and the use of such catalyst compositions in the hydrogenation of carbonyl compounds such as carboxylate esters to obtain the alcohol corresponding to the acid residue of the ester.

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