

ABSTRACT:

A process for producing a carboxylic acid ester, comprising reacting an aldehyde and an alcohol in a liquid phase in the presence of molecular oxygen by the use of a catalyst comprising at least palladium and X, X representing bismuth and/or lead, supported on a carrier, wherein the catalyst used has an acid strength, pKa, of more than 4.8 and shows an ammonia chemical adsorption amount at 0°C of 0 - 150 $\mu\text{mol/g-catalyst}$.