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(54) Title: A METHOD OF PREPARING A VINYL ACETATE CATALYST EMPLOYING AN ALKALI METAL BORATE

(57) Abstract

A method for preparing an unsaturated ester synthesis catalyst wherein a catalytic carrier is impregnated with a water-soluble palladium salt and a water-soluble gold compound followed by precipitating the water-soluble palladium salt and the water-soluble gold compound to water-insoluble palladium and gold compounds with a fixing composition containing an alkali metal borate. The fixed palladium and gold compounds are reduced to palladium and gold metal with ethylene or hydrazine followed by impregnating the carrier with an alkali metal acetate such as potassium acetate. The unsaturated ester synthesis catalyst can be employed to synthesize vinyl acetate with reduced heavy ends.