

Title (en)
SUPPORTED METAL OXIDES AS CATALYSTS FOR ALDOL CONDENSATIONS

Title (de)
GETRÄGERTE METALLOXIDE ALS KATALYSATOREN FÜR ALDOLKONDENSATIONEN

Title (fr)
OXYDES METALLIQUES SUPPORTES SERVANT DE CATALYSEURS DE CONDENSATIONS ALDOLIQUES

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Abstract (en)
[origin: WO03047748A1] A supported catalyst comprising one or more metal oxides as active components on a catalyst support for carrying out an aldol condensation is disclosed. The catalyst support is gamma aluminium oxide, the active component is one or more oxides of the rare earth metals and the concentration of the active components, based on the weight of the catalyst support, lies in the range of 5 to 12 wt. %. The invention further relates to a method for the production of pseudoionone by aldolisation of citral and acetone by reactive distillation in a column in the presence of said catalyst and the regeneration of supported catalysts with an aqueous alkaline solution is also disclosed.

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