

Title (en)  
MOULDED CATALYST BODIES AND METHOD FOR HYDROGENATION OF CARBONYL COMPOUNDS

Title (de)  
KATALYSATORFORMKÖRPER UND VERFAHREN ZUR HYDRIERUNG VON CARBONYLVERBINDUNGEN

Title (fr)  
CORPS MOULE CATALYTIQUE ET PROCEDE D'HYDROGENATION DE COMPOSES CARBONYLES

Publication  
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Application  
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Abstract (en)  
[origin: WO2006005505A1] The invention relates to a method for hydrogenation of an organic compound comprising at least one carbonyl group, whereby the organic compound is brought into contact with a moulded body in the presence of hydrogen. Said body may be produced by a method in which (i) an oxidic material is prepared, comprising copper oxide, aluminium oxide, and at least one oxide of lanthanum, tungsten, molybdenum, titanium, or zirconium, followed by (ii) addition of powdered metallic copper, copper platelets, powdered cement, graphite, mixtures or a mixture thereof with graphite to the oxidic material and (iii) moulding the mixture from (ii) to give a moulded body, characterised in that the moulded body is in the form of catalyst tablets or catalyst extrudates with a diameter d and/or height h < 2.5 mm, catalyst beads with a diameter d < 2.5 mm or catalyst honeycomb with a cell diameter  $r_{\text{SUB}} < z_{\text{SUB}} < 2.5$  mm.

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