

Title (en)
PROCESS FOR THE PREPARATION OF CATALYST MICROSPHERES

Title (de)
PROZESS ZUR HERSTELLUNG VON KUGELFÖRMIGEN KATALYSATORMIKROPARTIKELN

Title (fr)
PROCEDE POUR PREPARER DES MICROSPHERES CATALYTIQUES

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Application
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Abstract (en)
[origin: WO2004054713A1] The present invention relates to a process for the preparation of catalyst particles with a particle diameter in the range 20-2000 microns involving the steps of agitating at least two dry catalyst ingredients, spraying a liquid binding agent on the catalyst ingredients while continuing the agitation, and isolating formed catalyst particles with the desired particle diameter and comprising the catalyst ingredients. In contrast to the conventional way of preparing such particles, spray-drying, the present process allows the formation of small particles from slurries with a high solids content. Hence, smaller amounts of liquid have to be evaporated, which makes the process energy efficient.

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