

Title (en)

PREPARATION OF NANOCRYSTALLINE AND DISPERSIBLE SUPPORTED METAL CATALYSTS

Title (de)

HERSTELLUNG VON NANOKRISTALLINEN UND DISPERGIERBAREN GETRÄGERTEN METALLKATALYSATOREN

Title (fr)

PREPARATION DE CATALYSEURS METALLIQUES NANOCRISTALLINS ET DISPERSIBLES SUR SUPPORT

Publication

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Application

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Abstract (en)

[origin: WO0027527A1] There is provided a process for the production of a product comprising nanocrystalline particles, which particles comprise at least one metal, or at least one metal oxide, substantially dispersed on the surface of at least one metal oxide, or mixed metal oxide, which process includes the steps of (a) heating a mixture including at least one wet hydrous metal oxide, or wet hydrous mixed metal oxide, and at least one reducible metal salt to form a wet gel; (b) heating the wet gel to the decomposition temperature of the reducible metal salt; and (c) reducing the resultant composition.

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IPC 8 full level

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