

Title (en)

METHOD OF PREPARING COMPOUNDS USING CAVITATION AND COMPOUNDS FORMED THEREFROM

Title (de)

VERFAHREN ZUR HERSTELLUNG VON VERBINDUNGEN MITTELS KAVITATION UND MIT DEM VERFAHREN PRODUZIERTE VERBINDUNGEN

Title (fr)

PREPARATION DE COMPOSES PAR CAVITATION ET COMPOSES AINSI PREPARES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0151202A1] Nanostructured materials and processes for the preparation of these nanostructured materials in high phase purities using cavitation is disclosed. The method preferably comprises mixing a metal containing solution with a precipitating agent and passing the mixture into a cavitation chamber. The chamber consists of a first element to produce cavitation bubbles, and a second element that creates a pressure zone sufficient to collapse the bubbles. The process is useful for the preparation of catalysts and materials for piezoelectrics and superconductors.

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IPC 8 full level

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