

Title (en)
PROCESS FOR SOLID SYNTHESIS OF MIXED METAL OXIDES, AND SURFACE MODIFICATION OF SAID MATERIALS AND USE OF SAID MATERIALS IN BATTERIES, IN PARTICULAR AS CATHODE MATERIALS

Title (de)
VERFAHREN ZUR FESTSTOFFSYNTHESE VON METALL-MISCHOXIDEN SOWIE OBERFLÄCHENMODIFIKATION DIESER MATERIALIEN UND VERWENDUNG DIESER MATERIALIEN IN BATTERIEN, INSBESONDERE ALS KATHODENMATERIALIEN

Title (fr)
PROCÉDÉ POUR LA SYNTHÈSE SOLIDE D'OXYDES MÉTALLIQUES MIXTES AINSI QUE POUR LA MODIFICATION DE SURFACE DE CES MATÉRIAUX ET UTILISATION DE CES MATÉRIAUX DANS DES BATTERIES, EN PARTICULIER COMME MATÉRIAUX CATHODIQUES

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Abstract (en)
[origin: WO2019096967A1] The present invention relates to a process for producing mixed metal oxide particles, in which particles from parent compounds are converted by contactless energy input. The invention also relates to a process for coating bodies, preferably transition metal- or metal particles, transition metal- or metal oxide particles, transition metal- or mixed metal oxide particles, or silicon- or sulphur particles, especially preferably particles having a mass of less than one milligram and being in the form of grains, fibres, hollow fibres, or 2D structures, by heating with the exclusion of oxygen in the presence of a carbon source.

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