

Title (en)
METHOD FOR MANUFACTURING A SnO_2 COMPOSITE MATERIAL AND CARBON NANOTUBES AND/OR CARBON NANOFIBRES, MATERIAL OBTAINED BY THE METHOD, AND LITHIUM BATTERY ELECTRODE COMPRISING SAID MATERIAL

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES VERBUNDWERKSTOFFS AUS SnO_2 UND KOHLENSTOFFNANORÖHREN UND/ODER KOHLENSTOFFNANOFASERN, NACH DEM VERFAHREN ERHALTENER WERKSTOFF UND DAS MATERIAL UMFASSENDE LITHIUMBATTERIEELEKTRODE

Title (fr)
PROCEDE DE FABRICATION D'UN MATERIAU COMPOSITE SnO_2 ET NANOTUBES DE CARBONE ET/OU NANOFIBRES DE CARBONE, MATERIAU OBTENU PAR LE PROCEDE, ELECTRODE POUR BATTERIE AU LITHIUM COMPORTANT LEDIT MATERIAU

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Abstract (en)
[origin: WO2010066989A1] The invention relates to a method for manufacturing a composite material including tin oxide particles and a fibrillar carbon material, consisting of synthesising tin hydroxide particles obtained from a tin salt by precipitation/nucleation in a water-alcohol medium, in the presence of the fibrillar carbon material and an acid, the fibrillar carbon material being nanotubes, carbon nanofibres, or a mixture of the two. The invention can be used for the production of negative electrodes for lithium-ion batteries.

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