

Title (en)

METHOD FOR MANUFACTURING AN ELECTRODE MATERIAL, ELECTRODE MATERIAL FOR LITHIUM AND LITHIUM ION BATTERIES

Title (de)

HERSTELLUNGSVERFAHREN FÜR EIN ELEKTRODENMATERIAL, ELEKTRODENMATERIAL UND LITHIUM- UND LITHIUMIONENBATTERIEN

Title (fr)

PROCÉDÉ POUR PRODUIRE UN MATÉRIAU D'ÉLECTRODE, MATÉRIAU D'ÉLECTRODE POUR BATTERIES AU LITHIUM ET AU LITHIUM-ION

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Application

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Abstract (en)

[origin: WO2012163426A1] The present invention relates to a method for manufacturing electrode material particularly for lithium and lithium ion batteries comprising the following steps: a) providing nanoparticles of titanium dioxide, lithium titanate, silicon, silicon oxide or a transition metal oxide, coated with a monocarboxylic acid having a chain length of 7 to 26 carbon atoms; b) heat-treatment of the monocarboxylic acid coated nanoparticles of step a) for carbonization of the monocarboxylic acid coating.

IPC 8 full level

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Citation (search report)

See references of WO 2012163426A1

Cited by

CN113036090A; CN109301209A; CN111180663A; CN108686665A; CN113692656A

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