

Title (en)

NANOPARTICULATE SILICON CARBIDE AND ELECTRODE COMPRISING NANOPARTICULATE SILICON CARBIDE

Title (de)

NANOPARTIKULÄRES SILIZIUMCARBID UND ELEKTRODE UMFASSEND NANOPARTIKULÄRES SILIZIUMCARBID

Title (fr)

CARBURE DE SILICIUM NANOPARTICULAIRE ET ÉLECTRODE COMPRENANT DU CARBURE DE SILICIUM NANOPARTICULAIRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020157079A1] The invention relates to nanoparticulate stoichiometrically doped or undoped silicon carbide SiC in the form of secondary particles that consist of agglomerates of SiC primary particles, the primary particles having a particle size in the range of 40 to 100 nm and the secondary particles having an average size of 1 to 10 µm. The invention further relates to an anode of a rechargeable lithium-ion battery containing the SiC according to the invention, and to a rechargeable lithium-ion battery comprising said anode.

IPC 8 full level

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CPC (source: EP KR US)

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