

Title (en)

NANOMETRIC ANATASE LATTICE STABILISED BY CATION VACANCIES, METHODS FOR THE PRODUCTION THEREOF, AND USES OF SAME

Title (de)

DURCH KATIONENLEERSTELLEN STABILISIERTES NANOMETRISCHES ANATASGITTER, VERFAHREN ZUR HERSTELLUNG DAVON UND VERWENDUNGEN DAVON

Title (fr)

RESEAU D'ANATASE NANOMETRIQUE STABILIZE PAR DES LACUNES CATIONIQUES, PROCEDES POUR LEUR PREPARATION ET LEURS UTILISATIONS

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Application

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Abstract (en)

[origin: WO2016077933A1] The invention relates to a method for producing titanium-containing compounds having an anatase-type structure with cation vacancies resulting from a partial substitution of oxygen atoms with fluorine atoms and hydroxyl groups. The invention also relates to electrochemically active materials comprising titanium-containing compounds for use in lithium-ion battery electrodes.

IPC 8 full level

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