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- (71) Applicant (for all designated States except US): **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo, 1058518 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **TATSUMI, Takashi** [JP/JP]; 4-29-1-309, Kamiasao, Asao-ku, Kawasaki-shi, Kanagawa, 2150021 (JP). **WU, Peng** [CN/JP]; 1-214, 1-5, Kosugaya, Sakae-ku, Yokohama-shi, Kanagawa, 2470007 (JP). **TSUJI, Katsuyuki** [JP/JP]; c/o Corporate R & D Center, SHOWA DENKO K.K., 5-1, Ogimachi, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2100867 (JP).
- (74) Agents: **AOKI, Atsushi** et al.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1058423 (JP).
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(54) Title: MODIFIED LAYERED METALLOSILICATE MATERIAL AND PRODUCTION PROCESS THEREOF

(57) Abstract: A modified layered metallosilicate material is produced by a process comprising the following first to fifth steps: (First Step) a step of heating a mixture containing a template compound, a boron compound, a silicon-containing compound and water to thereby obtain a precursor (A); (Second Step) a step of acid-treating the precursor (A) obtained in the first step, to thereby obtain a precursor (B); (Third Step) a step of heating the precursor (B) obtained in the second step in the presence of a swelling agent so as to swell the precursor (B) to thereby obtain a precursor (C); (Fourth Step) a step of modifying the manner of the stacking between layers in the precursor (C) obtained in the third step, to thereby obtain a precursor (D); and (Fifth Step) a step of calcining the precursor (D) obtained in the fourth step, to thereby obtain a modified layered metallosilicate material.



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