



(11) **EP 1 797 934 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

published in accordance with Art. 158(3) EPC

Note: Bibliography reflects the latest situation

(15) Correction information:

Corrected version no 1 (W1 A1)

Bibliography INID code(s) 72

(51) Int Cl.:

B01D 9/02 (2006.01) **A61K 9/16** (2006.01)

(48) Corrigendum issued on:

26.09.2007 Bulletin 2007/39

(86) International application number:

PCT/JP2005/016301

(43) Date of publication:

20.06.2007 Bulletin 2007/25

(87) International publication number:

WO 2006/028074 (16.03.2006 Gazette 2006/11)

(21) Application number: **05781937.7**

(22) Date of filing: **06.09.2005**

(84) Designated Contracting States:

DE

(30) Priority: **07.09.2004 JP 2004259487**

(71) Applicant: **Mitsubishi Chemical Corporation**

Minato-ku

Tokyo 108-0014 (JP)

• **SEKI, Hiroya,**

**c/o Mitsubishi Chemical Group Science
and Technology Research Center, Inc.**

Yokohama-shi, Kanagawa 227-8502 (JP)

• **ASATANI, Haruki,**

**c/o Mitsubishi Chemical Group Science
and Technology Research Center, Inc.**

Yokohama-shi, Kanagawa 227-8502 (JP)

(72) Inventors:

- **SAITA, Soichiro,**
**c/o Mitsubishi Chemical Group Science
and Technology Research Center, Inc.**
Yokohama-shi, Kanagawa 227-8502 (JP)

(74) Representative: **HOFFMANN EITLE**

Patent- und Rechtsanwälte

Arabellastrasse 4

81925 München (DE)

(54) **PROCESS FOR PRODUCING FINELY PARTICULATE SUBSTANCE AND FINELY PARTICULATE SUBSTANCE**

(57) A method of producing fine particle-like materials formed by a crystallization method, which producing method is capable of producing the fine particles with a narrow particle size distribution and also capable of inhibiting aggregation of the fine particles without using any dispersant; and the fine particle-like materials, are provided. The present method of producing the fine particles by crystallization comprises preparing a solution

containing the material to be finely divided, and bringing this solution into contact with a substrate having the microprojections provided on its surface at a density of not less than 100 projections/cm² to cause precipitation of the fine particles. The fine particles produced by the above method are those of physiological active materials containing no dispersant.

EP 1 797 934 A8