

Title (en)

METHOD FOR PRODUCING INORGANIC SOLID SUBSTANCES IN THE FORM OF FINE COATED PARTICLES AND THE USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GECOATETEN, FEINTEILIGEN, ANORGANISCHEN FESTKÖRPERN UND DEREN VERWENDUNG

Title (fr)

PROCEDE POUR REALISER DES SUBSTANCES SOLIDES INORGANIQUES SOUS FORME DE FINES PARTICULES ENROBÉES ET UTILISATION ASSOCIEE

Publication

EP 1658326 A1 20060524 (DE)

Application

EP 04764308 A 20040820

Priority

- EP 2004009324 W 20040820
- DE 10338929 A 20030821

Abstract (en)

[origin: WO2005021632A1] The invention relates to a method for producing inorganic solid substances in the form of fine particles by precipitating the inorganic solid particles thereof in a solution. The surface of the inorganic solid particles is covered (coated) by at least one additive containing at least one type of dispersing or deflocculating agent, wherein the total fraction of said additives is equal maximum to 80 mass %, preferably maximum 40 mass %, i.e. 30 mass % and even better, maximum 15 mass % of coated solids, the additive(s) being added to the initial solution. The use of the thus obtained inorganic solid substances is also disclosed.

IPC 1-7

C08K 9/04; C09C 3/10; C09C 3/08

IPC 8 full level

C09C 3/08 (2006.01); **C09C 3/10** (2006.01)

CPC (source: EP US)

C09C 3/08 (2013.01 - EP US); **C09C 3/10** (2013.01 - EP US); **C01P 2004/61** (2013.01 - EP US); **C01P 2004/62** (2013.01 - EP US)

Citation (search report)

See references of WO 2005021632A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005021632 A1 20050310; CN 1839179 A 20060927; CN 1839179 B 20110518; DE 10338929 A1 20050324; EP 1658326 A1 20060524;
TW 200526726 A 20050816; TW I359169 B 20120301; US 2007122331 A1 20070531; US 7749320 B2 20100706

DOCDB simple family (application)

EP 2004009324 W 20040820; CN 200480023977 A 20040820; DE 10338929 A 20030821; EP 04764308 A 20040820;
TW 93125115 A 20040820; US 56830604 A 20040820