



Volume 201, issue 2, 26 July 2010

ISSN 0032-5910

POWDER TECHNOLOGY

**AN INTERNATIONAL JOURNAL ON THE SCIENCE AND
TECHNOLOGY OF WET AND DRY PARTICULATE SYSTEMS**

EDITOR-IN-CHIEF

J.P.K. Seville (*Coventry, UK*)

REGIONAL EDITORS

L.-S. Fan (*Columbus, OH, USA*)

J. Li (*Beijing, China*)

Online Access via:
www.elsevier.com/locate/powtec

CONTENTS

Abstracting Services

This journal is cited by the following Abstracting Services: Analytical Abstracts, Cambridge Scientific Abstracts, Chemical Abstracts, Chemical Engineering Abstracts, Compendex Plus, Current Contents, MFIZ Karlsruhe, Fluid Abstracts, Metals Abstracts, Metal Powder Report, PASCAL/CNRS, Physikalische Berichte, Science Citation Index, World Aluminium Abstracts, World Surface Coatings Abstracts. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.

Compacity influence in reorganization of two dimensional granular packings: Numerical model	109
M.A. Aguirre and A. Calvo	
Fluidized bed ash cooler used in a circulating fluidized bed boiler: An experimental study and application . . .	114
Z. Man, B. Rushan and X. Qinggui	
Effect of isomalt as novel binding agent on compressibility of poorly compactable paracetamol evaluated by factorial design	123
Zs. Sáska, J. Dredán, E. Balogh, O. Luhn, G. Shafir and I. Antal	
Room temperature synthesis of spherical mesoporous titania	130
A. Sun, Z. Li, M. Li, G. Xu, Y. Li and P. Cui	
Accuracy analysis of the window overlapping technique for velocity measurements using artificial and real signals	138
H. Bilirgen	
Particle kinetics and physical mechanism of microemulsion polymerization of octamethylcyclotetrasiloxane . . .	146
Y.-Q. Zhuang, X. Ke, X.-L. Zhan and Z.-H. Luo	
3-D simulation of particle filtration in electrospun nanofibrous filters	153
S.A. Hosseini and H.V. Tafreshi	
The application of the informational theory to the analysis of the grinding process under action of transverse rotating magnetic field	161
R. Rakoczy	
Photocatalytic degradation of methylene blue with TiO ₂ nanoparticles prepared by a thermal decomposition process	171
S. Chin, E. Park, M. Kim and J. Jurng	

(Continued on back page of this issue)

The publisher encourages the submission of articles in electronic form thus saving time and avoiding rekeying errors. A leaflet describing our requirements is available from the publisher upon request

