



Volume 200, issue 3, 28 June 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®.

Breakage of waste concrete by free fall	97
K.H. Kim and H.C. Cho	
Study of the effects of feed frames on powder blend properties during the filling of tablet press dies	105
R. Mendez, F. Muzzio and C. Velazquez	
Hydrodynamic analysis of a 10 kW _{th} Calcium Looping Dual Fluidized Bed for post-combustion CO ₂ capture	117
A. Charitos, C. Hawthorne, A.R. Bidwe, L. Korovesis, A. Schuster and G. Scheffknecht	
Gas-assisted powder injection molding: A study on the effect of processing variables on gas penetration	128
K. Lee, M. de Hoyos, S. Ahn, R. Nambiar, M.A. Gonzalez, S.J. Park and R.M. German	
Analysis of the relationship between particle size distribution of α-calcium sulfate hemihydrate and compressive strength of set plaster—Using grey model	136
B. Guan, Q. Ye, Z. Wu, W. Lou and L. Yang	
Facile preparation of cubic calcium carbonate nanoparticles with hydrophobic properties via a carbonation route	144
Y. Chen, X. Ji, G. Zhao and X. Wang	
Characterization of dynamic behaviour of the continuous phase in liquid fluidized bed	149
N. Kechroud, M. Brahimi and A. Djati	
Structure and performance of the circumfluent cyclone	158
W. Wang, P. Zhang, L. Wang, G. Chen, J. Li and X. Li	
Effect of forming on selectivity and attrition of co-precipitated Co–Mn Fischer–Tropsch catalysts	164
M. Zakeri, A. Samimi, M. Khorram, H. Atashi and A. Mirzaei	
Mixing characteristics of wet granular matter in a bladed mixer	171
S. Radl, E. Kalvoda, B.J. Glasser and J.G. Khinast	

(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



0032-5910(20100628)200:3;1-B