

Volume 188, issue 1, 2 December 2008

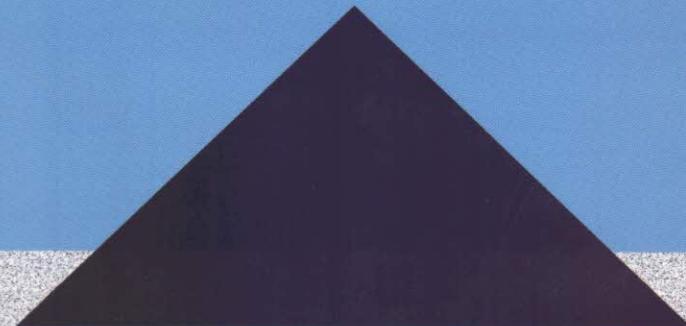
ISSN 0032-5910

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*)
M. Horio (*Tokyo, Japan*)
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®.

Handling and frictional characteristics of soybean as a function of moisture content and variety	1
M. Kashaninejad, M. Ahmadi, A. Daraei and D. Chabra	
A model for initial-stage sintering thermodynamics of an alumina powder	9
Y. Sarikaya, K. Ada and M. Önal	
Computational fluid dynamics simulation of virtual impactor performance: Comparison to experiment	13
S. Hari and Y.A. Hassan	
Fluidization of extremely large and widely sized coal particles as well as its application in an advanced chain grate boiler	23
X. Liu, G. Xu and S. Gao	
Synthesis of a nanocrystalline composite W–25 wt.%Ag powder by high energy milling	30
F.A. da Costa, A.G.P. da Silva, F.A. Filho, U.U. Gomes and F.A. Vieira	
Drag on a sphere in a spherical dispersion containing Carreau fluid	34
J.P. Hsu, S.J. Yeh and S. Tseng	
Numerical investigation on the hydrodynamics of an LSCFB riser	42
S.A. Razzak, K. Agarwal, J.-X. (Jesse) Zhu and C. Zhang	
Effect of surfactants on synthesis of TiO ₂ nano-particles by homogeneous precipitation method	52
H. Wang, P. Liu, X. Cheng, A. Shui and L. Zeng	
Near-wall porosity characteristics of fixed beds packed with wood chips	55
S. Hamel and W. Krumm	
A new correlation for predicting solids concentration in the fully developed zone of circulating fluidized bed risers	64
X.-B. Qi, J. Zhu and W.-X. Huang	

(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(20081202)188:1;1-R

