

Publikationen des ITC-TAB im Jahr 2001 / Publications of ITC-TAB in 2001

ALSMEYER, H.; CRON, T.; SCHMIDT-STIEFEL, S.; SCHNEIDER, H.; TROMM, W.; WENZ, T.;
ADELHELM, C.; DILLMANN, H.G.; PASLER, H.; SCHÖCK, W.; GREHL, C.; MERKEL, G.;
RATAJCZAK, W.

COMET-Konzept.

Programm Nukleare Sicherheitsforschung. Jahresbericht 2000

Wissenschaftliche Berichte, FZKA-6653 (September 2001) S.109-39

BERGFELDT, B.; JENSEN, D.L.; VEHLow, J.; MOGENSEN, E.P.B.; CHRISTENSEN, T.H.

Co-sintering of treated APC-residues with bottom ash.

Christensen, T.H. [Hrsg.]

SARDINIA 2001 : 8th Internat.Waste Management and Landfill Symp., St.Margherita

di Pula, I, October 1-5, 2001

Proc. Vol.1 S.677-84

Cagliari : CISA, 2001

BOLOGA, A.; BOLOGA, A.

Electrohydrodynamic instability of droplets as an influencing factor for
aerosol space charge generation.

9th Internat.Conf.on Electrostatics, Koscielisko-Zakopane, PL, May 29 - June 2,
2001

Journal of Electrostatics, 51-52(2001) S.470-75

DIABATE, S.; MÜLHOPT, S.; PAUR, H.R.; KRUG, H.F.

Pro-inflammatory effects in lung cells after exposure to fly ash aerosol via
the atmosphere of the liquid phase.

13th Internat.Congress of the Internat.Society for Aerosols in Medicine (ISAM),
Interlaken, CH, September 17-21, 2001

Journal of Aerosol Medicine, 14(2001) S.404 (Abstract)

Inhaled Particles IX, Cambridge, GB, September 2-6, 2001

HEIDENREICH, S.; HAAG, W.; WALCH, A.; MAI, R.; KREFT, D.; LEIBOLD, H.

A newly designed ceramic hot gas filter system. Filtration tests with waste
pyrolysis gases.

PARTEC 2001 - Internat.Congress for Particle Technology, Nürnberg, March 27-29,
2001

HORNUNG, A.; KOCH, W.; SCHÖNER, J.; FURRER, J.; SEIFERT, H.; TUMIATTI, V.;

BOCKHORN, H.

Haloclean - treatment of electronic scrap.

21st Internat.Seminarie Het Beheer van Afvalstoffen, Vrije Universiteit,

Bruxelles, B, November 7-8, 2001

HUNSINGER, H.; JAY, K.; VEHLLOW, J.

Influences of Cl, Cu and Br on the formation rate of PXDD/F during fuel bed burnout in a grate furnace.

Dioxin 2001 : 21st Internat.Symp.on Halogenated Environmental Organic Pollutants and POPs, Gyeongju, Korea, September 9-14, 2001

Proc. S.341-45

(Organohalogen Compounds ; 50)

JENSEN, D.L.; BERGFELDT, B.; VEHLLOW, J.; MOGENSEN, E.P.B.; CHRISTENSEN, T.H.

Co-sintering of treated APC-residues with bottom ash.

2nd Waste to Energy Seminar, Malmö, S, October 25-26, 2001

KREISZ, S.; HUNSINGER, H.; GERIG, A.; HÄFELE, G.

Verfahren zur Rückhaltung von polyhalogenierten Verbindungen.

DE-PS 44 25 658 (26.6.1995)

EP-PS 59 509 215 (25.4.2001)

LEIBOLD, H.; ZIMMERLIN, B.; SEIFERT, H.

Highly porous coatings from nano-size Al₂O₃ on grain ceramic candles.

PARTEC 2001 - Internat.Congress for Particle Technology, Nürnberg, March 27-29, 2001

MÄTZING, H.

A simple kinetic model of PCDD/F formation by de novo synthesis.

Chemosphere, 44(2001) S.1497-1503

[Volltext \(für Abonnenten\)](#)

MÄTZING, H.; BAUMANN, W.; BECKER, B.; JAY, K.; PAUR, H.R.; SEIFERT, H.

Adsorption of PCDD/F on MWI fly ash.

6th Internat.Congress on Toxic Combustion Byproducts, Karlsruhe, June 27-30, 1999

Chemosphere, 42(2001) S.803-09

MÄTZING, H.; BAUMANN, W.; BECKER, B.; JAY, K.; PAUR, H.R.; SEIFERT, H.

Gas-/Partikel-Wechselwirkung chlorierter Aromaten in der Müllverbrennung.

Forschungsbericht FZKA-BWPLUS (April 2001)

<http://bwplus.fzk.de/berichte/SBer/BWD99001SBer.pdf>

MAI, R.; LEIBOLD, H.; SEIFERT, H.; HAAG, W.; HEIDENREICH, S.; WALCH, A.

Comparison of coupled pressure pulse (CCP) recleaning and jet pulse recleaning during the filtration of sticky dust.

FILTECH EUROPA 2001 : Europe's Market Place for Filtration and Separation Technology ; Internat.Conf.and Exhibition, Düsseldorf, October 16-18, 2001

Proc.Vol.II S.605-11

MERZ, D.; GEISERT, H.; SEIFERT, H.; VEHLLOW, J.
Improving thermal processes by TG-FTIR parameter studies.
1st Internat.Conf.on Advanced Vibrational Spectroscopy, Turku, SF, August 19-24,
2001

MERZ, D.; GEISERT, H.; SEIFERT, H.; VEHLLOW, J.
Leichtflüchtige Primärprodukte in Rauchgasen stickstoffhaltiger Abfälle.
GEFTA-eurostar-science-STK-Symp.'Thermische Analysenmethoden in der
Materialwissenschaft', München, 10.-13.September 2001

PAOLETTI, F.; SIRINI, P.; SEIFERT, H.; VEHLLOW, J.
Fate of antimony in municipal solid waste incineration.
6th Internat.Congress on Toxic Combustion Byproducts, Karlsruhe, June 27-30,
1999
Chemosphere, 42(2001) S.533-43

PAOLETTI, F.; MARINO, D.; SEIFERT, H.; VEHLLOW, J.
Fate of oxyanions forming elements in municipal solid waste incineration.
Internat.Symp.on Sanitary and Environmental Engineering, held in Conjunction
with SIBESA V, Trento, I, September 18-23, 2000
Proc. Vol. III S.285-93
Venezia : Hyper Edizioni, 2001

PAUR, H.R.; MÄTZING, H.; BAUMANN, W.; FENGLER, A.
Verfahren zur Zerstörung chlorierter aromatischer Verbindungen.
DE-PS 19 621 339 (24.9.1997)
EP-PS 59 703 733 (6.6.2001)

PFRANG-STOTZ, G.; REICHEL, J.
Einfluß unterschiedlicher Temperaturen auf die Phasentransformationen in
Müllverbrennungsschlacken.
79.Jahrestagung der Deutschen Mineralogischen Gesellschaft, Potsdam, 9.-
14.September 2001 : Referate der Vorträge und Poster
Berichte der Deutschen Mineralogischen Gesellschaft, No.1, 2001 S.139
(Beihefte zum European Journal of Mineralogy, Vol. 13, 2001)

RUPPERT, H.; HENRICH, E.; SEIFERT, H.
Incineration of low-calorific wastes in rotary kilns.
5th European Conf.on Industrial Furnaces and Boilers, Espinho-Porto, P, April
11-14, 2000
Proc.on CD-ROM

SEIFERT, H.
Vergasungstechnologien für Abfall.
10.Internat.Recycling Congress (10.IRC), Berlin, 29.-30.Oktober 2001

STÖHR, J.; FURRER, J.; LI, Z.; SEIFERT, H.

Catalytic conversion of tars in pyrolysis gases into a hydrogen-rich synthesis gas.

20th Internat.Conf.on Incineration and Thermal Treatment Technologies (IT3), Philadelphia, Pa., May 14-18, 2001

STÖHR, J.; FURRER, J.; LI, Z.; SEIFERT, H.

Thermische und katalytische Aufarbeitung von Rohgasen aus der Vergasung und Pyrolyse zur Erzeugung eines Wertgases.

Interne Arbeitssitzung der GVC-Fachausschüsse 'Gasreinigung' und 'Energieverfahrenstechnik', Würzburg, 5.-7.März 2001

STOLL, M.; FURRER, J.; SEIFERT, H.; SCHAUB, G.; UNRUH, D.

Effects of flue gas composition on the catalytic destruction of chlorinated aromatic compounds with a V-oxide catalyst.

Proc.of the Internat.Conf.on Incineration and Thermal Treatment Technologies (IT3), Portland, Oreg., May 8-12, 2000

CD-ROM

Irvine, Calif. : The Regents Univ.of California, 2000

Waste Management, 21(2001) S.457-63

[Volltext \(für Abonnenten\)](#)

VEHLOW, J.

General trends and research needs in thermal waste treatment.

18th Meeting of the Japanese-German Panel for Research and Development on Environmental Protection Technology, Tokyo, J, October 18-19, 2001

VEHLOW, J.

Life cycle of plastics.

Environment Forum 2001, Dubai, UAE, October 23-24, 2001

VEHLOW, J.

Low cost, low pollution - the challenge of thermal waste treatment.

Environment Forum, Dubai, October 23-24, 2001

VEHLOW, J.; MARK, F.E.; TANGE, L.

Recovery of energy and bromine from WEEE.

Identi Plast - Global Plastics Recycling Conf., Bruxelles, B, April 23-24, 2001

VEHLOW, J.; HUNSINGER, H.; KREISZ, S.; SEIFERT, H.

UPSWING - a proposal for low-cost waste combustion.

3rd European Congress of Chemical Engineering, Nürnberg, June 26-28, 2001

Proc.on CD-ROM

VEHLOW, J.

Waste management in an urbanising world, problems and solutions.

Environment Forum, Dubai, October 23-24, 2001

VEHLOW, J.; BERGFELDT, B.; GEISERT, H.

Wechselwirkung zwischen Wasser und Reststoffen der Abfallverbrennung.

Nachrichten - Forschungszentrum Karlsruhe, 33(2001) S.31-39

[Volltext](#)

ZIMMERLIN, B.; LEIBOLD, H.; SEIFERT, H.

Development of a model-dust for the simulation of fine and sticky dusts.

PARTEC 2001 - Internat.Congress for Particle Technology, Nürnberg, March 27-29,
2001