

**Reference list in the order of appearance
(Poster Vosteen, Funcke, Vehlow at ICMGP in Edinburgh, July 2013)**

Vogg and Stieglitz 1987

L. Stieglitz, H. Vogg: „On formation conditions of PCDD/PCDF in fly ash from municipal waste incinerators. Chemosphere 16 (1987), pp.1917

Funcke 1993

W. Funcke, A. Hovemann, P. Luthard, E. Manske: “Influence of the electrostatic precipitator and the flue gas temperature on concentrations of organic compounds”, Chemosphere 27, 547 – 553 (1993)

Funcke 2001

W. Funcke, B. Gallenkemper, G. Walter: “Emissions of dioxins and heavy metals from industrial incinerators during co-combustion of alternative fuels”, Proc. Pollutant Control Symposium – Solutions in Dioxins and Mercury Reduction (2001), Alicante, Spain

Vehlow 2012

J. Vehlow : „Reduction of dioxin emissions from thermal waste treatment plants: a brief survey“, Environ Sci Biotechnol 11, 393 - 405 (2012)

Hagenmaier 1989

H. Hagenmaier, M. Kraft, H. Brunner, R. Haag: „Catalytic effects of fly ash from waste incineration facilities on the formation and decomposition of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans“, Environ Sci Technol 21 (1987) pp. 1980

Hunsinger 2006

H. Hunsinger, H. Seifert, K. Jay: „Reduction of PCDD/F formation in MSWI by process-integrated SO₂ cycle“, paper # 56, IT 3-Conference, May 15 -19, 2006, Savannah, Georgia. See also: Environ Eng Sci 24 (2006) pp. 1145

Funcke 1995

W. Funcke, A. Hovemann, C. Philipp, F. E. Mark, G. Kerber, H. Dresch: „PCDF/D in input material, solid residues and flue gas from a municipal waste incinerator during the co-combustion of mixed separated plastic waste“, Organohalogen Compounds 23, 461 – 466 (1995)

Vehlow 1996

J. Vehlow, T. Wanke, F. E. Mark: „Co-Verbrennung von Kunststoffabfällen und Hausmüll – Basisversuche in der Testanlage TAMARA. VDI Berichte 1288, 263 - 279 (1996)

Funcke 1998

W. Funcke, J. Mayer, H. Dresch, F.E. Mark: „PCDF/D emission from municipal solid waste incinerator during co-combustion of automotive shredder residues“, Organohalogen Compounds 36 (1998), pp. 171

Kerber 1994

G. Kerber: “Beeinflussung der Rauchgasemissionen bei veränderlichen Kunststoffanteilen im Restabfall. VDI-Handbuch, BW 43-59-06 (1994)

Rigo 1995

H. G. Rigo, A. J. Chandler, W. S. Lanier: „The relationship between chlorine and dioxin/furan formation in waste incineration“, ASME-CRTD Series 36, New York (1995)

Vosteen 2001a

B. W. Vosteen, J. Beyer, P. Krippner: „Process for the low-corrosion and low-emission co-incineration of highly halogenated wastes in waste incineration plants“, DE 10131464.7 (filed September 2001)

Vosteen 2001b

C. A. Hazen, A. Srinivasan, B. W. Vosteen et al.: „Method for inhibiting the formation of dioxins“, US PA 2003/0166988, filed May 14, 2001, published Sept. 4, 2003

Lindbauer 1992

R. L. Lindbauer: „Combustion dioxin suppression in municipal solid waste incineration with sulfur additives“, *Chemosphere* 25 1409 - 1414 (1992)

Gullet (1992)

B. K. Gullet, K.R. Bruce, L.O. Beach (1992) :“Effects of sulfur dioxide on the formation mechanism of polychlorinated dibenzodioxins and dibenzofurans in municipal solid waste combustors.“, *Environ Sci Technol.* 26, 1938 – 1992 (1992)

Gullet 1996

K. Raghunathan, B. Gullett: „Role of sulfur in reducing PCDD and PCDF formation“, *Environ Sci Technol* 30, 1827 – 1834 (1996)

Luthe 1998

C. Luthe, A. Strang, V. Uloth, I. Karidio, B. Prescott, J. Wearing:“Sulphur addition to control dioxins formation in salt-laden power boilers“, *Pulp & Paper Canada* 99, 48 - 52 (1998)

Xie (2000)

Y. Xie, W. Xie, K. Liu, L. Dicken, W.-P. Pan, J. T. Riley: „The effect of sulfur dioxide on the formation of molecular chlorine during co-combustion of fuels“, *Energy & Fuels* 14, 587 - 602 (2000)

Funcke 1997

W. Funcke, P. Luthardt, C. Philipp: “Co-combustion of alternative fuel in a coal-fired power plant“, *Organohalogen Compounds* 31, 497 - 501 (1997).

Funcke 2012

W. Funcke, B. Hülk : „The Influence of fuel containing brominated and chlorinated compounds on dioxins and furans in the clean gas of coal-fired power plants“, Report for ICL IP, July 7th, 2012

Leckner 2007

B. Leckner: „Co-combustion - a summary of technology“, AGS Pathways report 2007 – E3, Göteborg (2007)

Vassilev 2000

S. V. Vassilev et al.: “Contents, modes of occurrence and origin of chlorine and bromine in coal”, *Fuel* 79, 903 – 921 (2000)

Vosteen 2010

B. W. Vosteen, H. Winkler, M. S. Berry: „Native halogens in coals from USA, China, and elsewhere – Low chlorine coals need bromide addition for effective mercury capture“, paper # 103, Power Plant Air Pollution Control Mega Symposium, August 30 – September 2, 2010, Baltimore

Vainikka 2012

P. Vainikka, M. Hupka: "Review on Bromine in solid fuels. Part 1: Natural occurrence", Fuel 95, 1 – 14 (2012), see also Thesis: „Occurrence of Bromine in Fluidized Bed Combustion of Solid Recovered Fuel“, ISBN 978-951-38-7765-1 (2011)

Kolker 2012

A. Kolker, J. C. Quick: „Geologic controls on halogens in coal“, MEC 9 - Mercury Emissions from Coal, May 2012, St. Petersburg

Vosteen 2002

B. W. Vosteen et al.: "Process for Removing Mercury from Flue Gases", Deutsche Patentanmeldung DE 102 33 173 , Juli 23, 2002; Europäische Patentanmeldung EP 1 386 655, Juli 15, 2003

Vosteen 2003

B. W. Vosteen et al.: "Mercury-related chemistry in waste incineration and thermal process flue gases", Poster, Air Quality Conference VI, September 22 - 24, 2003, Arlington VA

Kanefke 2008

R. Kanefke: „Durch Quecksilberbromierung verbesserte Quecksilberabscheidung aus den Abgasen von Kohlekraftwerken und Abfallverbrennungsanlagen“, Thesis, MLU Halle-Wittenberg (2008), ISBN 978-3-8322-7241-8, ISSN 1611-8057

Vosteen 2006

B. W. Vosteen, R. Kanefke, H. Köser: "Bromine-enhanced mercury abatement from combustion flue gases – Recent industrial applications and laboratory research", VGB PowerTech 3, 70 - 75 (2006)

Berry 2011

M. S. Berry, B. W. Vosteen: „Bromine injection technology demonstration at Plant Miller for removing vapor phase mercury“, 12th International Conference of Electrostatic Precipitation, May 9 – 13, 2011

Funcke 1997

W. Funcke, H.-J. Hemminghaus, F. E. Mark, J. Vehlow: „PXDF/D in flue gas from an incinerator charging wastes containing Cl an Br and a statistical description of the resulting PXDF/D combustion profiles“, Organohalogen Compounds 31, 93 – 98 (1997)