



Cite this: *React. Chem. Eng.*, 2023, 8, 734

Correction: A scalable twin surface dielectric barrier discharge system for pollution remediation at high gas flow rates

Alexander Bötdecker,^{*a} Arisa Bodnar,^a Lars Schücke,^a Jonas Gieseckus,^a Katja Wenselau,^a Ryan T. Nguyen-Smith,^a Timothy Oppotsch,^b Christian Oberste-Beulmann,^b Martin Muhler,^b Andrew R. Gibson^{ac} and Peter Awakowicz^a

DOI: 10.1039/d3re90008h

rsc.li/reaction-engineering

Correction for 'A scalable twin surface dielectric barrier discharge system for pollution remediation at high gas flow rates' by Alexander Bötdecker *et al.*, *React. Chem. Eng.*, 2022, 7, 2348–2358, <https://doi.org/10.1039/D2RE00167E>.

The Royal Society of Chemistry regrets that several incorrect symbols were used within the manuscript. Specifically, in Section 3.2, in the section beginning with the sentence “The highest relative conversion of (30.3...”, + was inserted in place of ± in several instances.

The corrected section is as shown below:

The highest relative conversion of (30.3 ± 0.5)% can be seen at (153.1 ± 6.7) J L⁻¹ and (162.6 ± 7.1) slm. At higher gas flows the *n*-butane mass flow had to be increased for maintaining the same concentration which means that the relative conversion is decreasing, because there are more molecules to convert. For a comparison Schücke *et al.*²¹ reached a maximum conversion of (46.20 ± 3.75)% of 50 ppm of *n*-butane for an energy density of 423 J L⁻¹.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^a Institute of Electrical Engineering and Plasma Technology, Faculty of Electrical Engineering and Information Sciences, Ruhr University Bochum, Bochum, Germany.

E-mail: boeddecker@aept.rub.de; Fax: +49234 32 14230; Tel: +49234 32 23062

^b Laboratory of Industrial Chemistry (LTC), Faculty of Chemistry and Biochemistry, Ruhr University Bochum, Bochum, Germany

^c Research Group for Biomedical Plasma Technology, Faculty of Electrical Engineering and Information Sciences, Ruhr University Bochum, Bochum, Germany

