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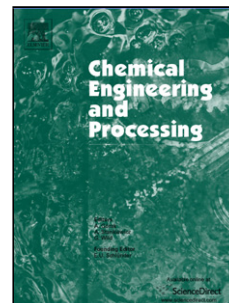
Authors: Guido Link, Vasileios Ramopoulos

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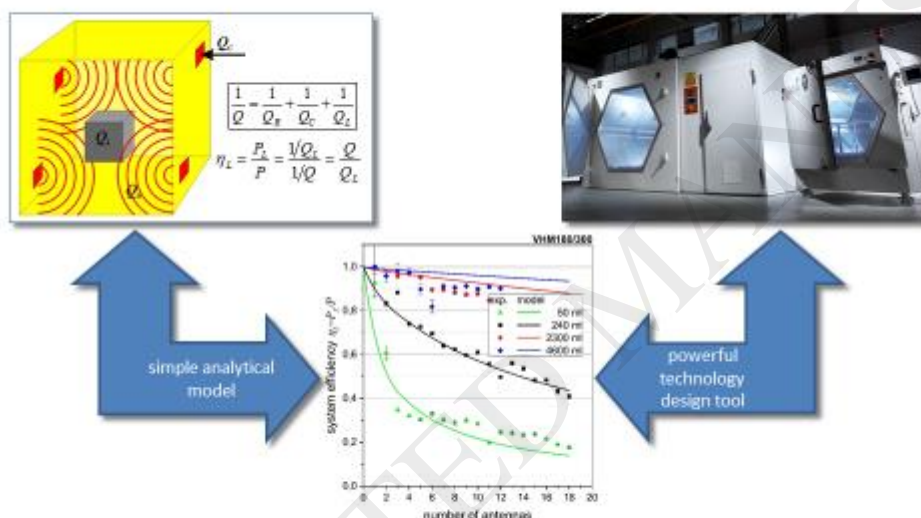
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Simple Analytical Approach for Industrial Microwave Applicator Design

Guido Link, Vasileios Ramopoulos

Karlsruhe Institute of Technology, IHM, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Germany; e-mail : guido.link@kit.edu

Graphical abstract



Abstract

To reach a maximum of production rate and energy efficiency any industrial process technology typically has to be optimized regarding process specific requirements. So any system for thermal processing needs to be adapted to the required production rate and to the material specific thermal properties of the products to be processed. High power microwave technology used as an alternative heating source has been demonstrated to provide potential process enhancement in various fields of applications. Nevertheless the system optimization for a real industrial and viable process design is

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