

Title (en)
ENHANCED MICROWAVE HEATING PROCESS

Title (de)
VERBESSERTES MIKROWELLEN-HEIZVERFAHREN

Title (fr)
PROCÉDÉ DE CHAUFFAGE PAR MICRO-ONDES AMÉLIORE

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Abstract (en)
[origin: WO2013138455A1] Enhanced microwave heating systems for heating a plurality of articles and methods of using the same are provided. In one embodiment, the microwave heating system may include a pressurized or liquid-filled heating chamber configured to heat the articles passing therethrough along one or more convey lines using microwave energy discharged by one or more microwave launchers. Microwave heating systems and processes according to embodiments of the present invention may be applicable to a commercial-sized heating system and can be employed for the pasteurization and/or sterilization of foodstuffs, medical fluids, and medical devices.

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