

Title (en)

MULTI-LINE MICROWAVE HEATING SYSTEM WITH OPTIMIZED LAUNCHER CONFIGURATION

Title (de)

MIKROWELLENHEIZSYSTEM MIT MEHREREN LEITUNGEN UND OPTIMIERTER STARTERKONFIGURATION

Title (fr)

SYSTÈME DE CHAUFFAGE À MICRO-ONDES MULTILIGNE PRÉSENTANT UNE CONCEPTION DE LANCEMENT OPTIMISÉ

Publication

EP 2826338 A4 20151202 (EN)

Application

EP 13761472 A 20130313

Priority

- US 201261610804 P 20120314
- US 2013030859 W 20130313

Abstract (en)

[origin: WO2013138460A1] A microwave heating system configured to heat a plurality of articles and a process for using the same is provided. The heating system includes at least two laterally-spaced parallel convey lines and two or more groups of microwave launchers configured to heat articles transported along each convey line. The groups of microwave launchers can include pairs of oppositely disposed launchers that are spaced apart from one another along the axis of convey. When the system includes multiple convey lines, adjacent launcher groups are staggered relative to one another in the convey direction. Heating articles, such as foodstuffs or medical fluids or equipment in such a system, minimize undesirable interference between launchers of adjacent groups and provide a more uniform heating field.

IPC 8 full level

H05B 6/64 (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)

H05B 6/701 (2013.01); **H05B 6/78** (2013.01)

Citation (search report)

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DOCDB simple family (publication)

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