

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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**WO 2013138460 A1 20130919**; BR 112014022809 A2 20170620; BR 112014022809 A8 20180206; BR 112014022809 B1 20210831; EP 2826338 A1 20150121; EP 2826338 A4 20151202; EP 2826338 B1 20190515; MX 2014011080 A 20150717; MX 353789 B 20180116

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