

Title (en)

APPARATUS AND METHOD FOR ROASTING COFFEE BEANS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM RÖSTEN VON KAFFEEBOHNEN

Title (fr)

APPAREIL ET PROCÉDÉ DE TORRÉFACTION DE GRAINS DE CAFÉ

Publication

EP 3469857 A4 20200226 (EN)

Application

EP 17813955 A 20170613

Priority

- US 201615180780 A 20160613
- US 2017037300 W 20170613

Abstract (en)

[origin: WO2017218568A1] An apparatus for roasting coffee beans comprises a roasting chamber for containing coffee beans. The roasting chamber is positioned within a resonant cavity of a waveguide. A microwave emitter produces microwave energy within the waveguide with one or more stable high intensity microwave regions within the roasting chamber to heat the coffee beans in the roasting chamber to a temperature sufficient to roast the coffee beans. A device configured to move the coffee beans within the one or more high intensity microwave regions is coupled to the roasting chamber.

IPC 8 full level

H05B 6/80 (2006.01)

CPC (source: EP)

H05B 6/80 (2013.01)

Citation (search report)

- [A] US 2012034350 A1 20120209 - GARD ROBERT G [US], et al
- [A] US 4326114 A 19820420 - GERLING JOHN E, et al
- [A] WO 2008087622 A2 20080724 - MISCELA LTD [IL], et al
- [A] US 2003127455 A1 20030710 - POSS GLEN T [US]
- See references of WO 2017218568A1

Designated contracting state (EPC)

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