

Title (en)
ROASTING METHOD AND ROASTING APPARATUS USING SUCH A METHOD

Title (de)
VERFAHREN ZUM RÖSTEN UND VORRICHTUNG ZUM RÖSTEN UNTER ANWENDUNG EINES SOLCHEN VERFAHRENS

Title (fr)
PROCÉDÉ DE TORRÉFACTION ET APPAREIL DE TORRÉFACTION METTANT EN OEUVRE CE PROCÉDÉ

Publication
EP 2804486 A1 20141126 (EN)

Application
EP 13710065 A 20130118

Priority
• IT RM20120021 A 20120120
• IT 2013000016 W 20130118

Abstract (en)
[origin: WO2013108283A1] The present invention concerns a roasting method, comprising the following steps: (A) providing a roasting oven of a product, such as coffee, barley or the like, provided with a temperature sensor; (B) providing heat generating means; (C) setting the total duration (tcycle) of the roasting process; (D) setting roasting or cooking final temperature (TFinal) of said product; (E) providing a temperature ideal curve (I) of said product normalized with respect to said roasting or cooking final temperature (TFinal); (F) carrying out a plurality of detections of said product temperature (TProduct) during said total roasting time interval (tcycle) by means of said temperature sensor; and (G) for each detection, comparing the detected temperature of said product (Tpr0duct) and the ideal temperature according to said temperature ideal curve (I), such that: if the detected temperature of said product (TProduct) is greater than the temperature obtained by said ideal curve (I), and the temperature difference is greater than a first threshold, then the heat introduced into said product roasting oven, by means of said heat generating means is reduced; and if the detected temperature of said product (TProduct) is lower than the temperature obtained by said ideal curve (I), and the temperature difference is greater than a second threshold, then the heat introduced into said product roasting oven, by means of said heat generating means is increased. The present invention concerns even a roasting apparatus.

IPC 8 full level
A23F 5/04 (2006.01); **A23N 12/08** (2006.01); **F24C 7/08** (2006.01)

CPC (source: EP US)
A23F 5/04 (2013.01 - EP US); **A23N 12/08** (2013.01 - EP); **A47J 36/32** (2013.01 - EP US)

Citation (search report)
See references of WO 2013108283A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013108283 A1 20130725; AU 2013210650 A1 20140911; EP 2804486 A1 20141126; IT RM20120021 A1 20130721

DOCDB simple family (application)
IT 2013000016 W 20130118; AU 2013210650 A 20130118; EP 13710065 A 20130118; IT RM20120021 A 20120120