

Title (en)

A SYSTEM FOR PREPARING A FOOD PRODUCT, A PACKAGE AND A METHOD FOR PACKAGING FOOD PRODUCTS

Title (de)

SYSTEM ZUR HERSTELLUNG EINES NAHRUNGSMITTELS, VERPACKUNG UND VERFAHREN ZUM VERPACKEN VON LEBENSMITTELN

Title (fr)

SYSTÈME DE PRÉPARATION D'UN PRODUIT ALIMENTAIRE, EMBALLAGE ET PROCÉDÉ D'EMBALLAGE DE PRODUITS ALIMENTAIRES

Publication

EP 3022128 A4 20170118 (EN)

Application

EP 14818272 A 20140627

Priority

- SE 1350794 A 20130628
- SE 2014050805 W 20140627

Abstract (en)

[origin: WO2014209218A1] The invention relates to a system and package for food products which comprises a tray and a cover film which comprises an opening for venting of gas at overpressure that arises when cooking a food product contained in the package during supply of microwaves at a power P, wherein the opening has an opening area A adapted such that the ratio between the opening area and the supplied effect is in the range of 0,005 and 0,06mm²/W, preferably between 0,01 and 0,03 mm²/W, more preferably between 0,015 and 0,025 mm²/W, so that the opening has a sufficiently large opening area A that it allows a sufficient flow of gas during cooking to avoid that the package breaks due to overpressure, and so that the opening area A is sufficiently small to maintain an overpressure in the package during a time period after the supply of microwave power has ceased, which time period allows the package to be sealed in a subsequent processing step. Further there is described a method for packaging of food products.

IPC 8 full level

B65D 81/34 (2006.01); **A23L 5/10** (2016.01); **A23L 5/30** (2016.01); **B65D 77/22** (2006.01)

CPC (source: EP SE)

A23L 5/15 (2016.07 - SE); **A23L 5/17** (2016.07 - EP); **A23L 5/34** (2016.07 - EP); **B65D 77/225** (2013.01 - SE); **B65D 81/3453** (2013.01 - EP SE); **B65D 2205/02** (2013.01 - EP SE)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2014209218A1

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 2014209218 A1 20141231; EP 3022128 A1 20160525; EP 3022128 A4 20170118; SE 1350794 A1 20141229

DOCDB simple family (application)

SE 2014050805 W 20140627; EP 14818272 A 20140627; SE 1350794 A 20130628