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[Continued on next page]

(54) Title: MICROWAVEABLE PACKAGE FOR FOOD PRODUCTS

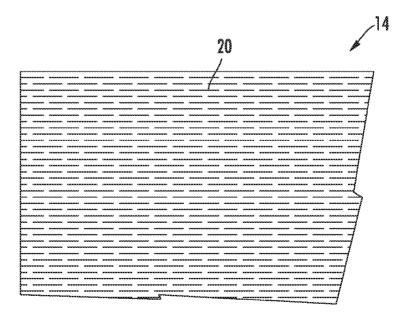


FIG. 3

(57) Abstract: A susceptor 14 includes a flexible substrate and a metallic material provided on at least one surface of the substrate. A first plurality of ventilation apertures 20 are formed in the substrate and the metallic material, and the first plurality of ventilation apertures are configured to permit a fluid to pass through the substrate and the metallic material.



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INTERNATIONAL SEARCH REPORT

International application No PCT/US2008/074150

A. CLASSIFICATION OF SUBJECT MATTER INV. B65D81/26 B65D8 B65D81/34 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) B65D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category* 1-4,8-12US 2004/023000 A1 (YOUNG ROBERT C [US] ET χ AL) 5 February 2004 (2004-02-05) the whole document US 5 310 977 A (STENKAMP VICTORIA S [US] 1-4,6-8, χ 10 - 12ET AL) 10 May 1994 (1994-05-10) the whole document 1-3, 10,US 4 870 233 A (MCDONALD DUANE L [US] ET χ AL) 26 September 1989 (1989-09-26) 11 the whole document 1-3,10,JP 2001 019062 A (TOPPAN PRINTING CO.LTD) χ 23 January 2001 (2001-01-23) the whole document See patent family annex. Further documents are listed in the continuation of Box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. O document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 03/03/2009 11 November 2008 Authorized officer Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Fax: (+31–70) 340–3016 Pernice, Ciro

International application No. PCT/US2008/074150

INTERNATIONAL SEARCH REPORT

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
· .
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search reportcovers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: see additional sheet
Remark on Protest The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee. The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-12

A susceptor comprising: a flexible substrate; and a metallic material provided on the at least one surface of the substrate; a first plurality of ventilation apertures are formed in the substrate and the metallic material, and the first plurality of ventilation apertures are configured to permit a fluid to pass through the substrate and the metallic material.

2. claims: 13-19

A microwaveable product comprising: a support member having at least one recess; a first susceptor coupled to the recess and having a plurality of ventilation apertures; a dough-based food product positioned within the recess and adjacent the susceptor and configured to be at least partially proofed after being positioned within the recess and adjacent the susceptor; and a top portion coupled to the support member to enclose the food product within the recess.

3. claims: 20-23

A microwaveable product comprising:
a package having a generally tubular shape with a longitudinal axis;
a susceptor provided within the package; and a food product within the susceptor and fully proofed to substantially conform to the tubular shape of the package; wherein the package is configured to permit the food product to expand with respect to the longitudinal axis of the package during baking.

4. claims: 24-26

A package for microwave baking or browning a dough-based food product, the packaging comprising: an outer package; a support member having a plurality of apertures and provided within the outer package; and at least one susceptor coupled to the support niember; wherein the support member includes at least one spacer configured to provide a clearance to permit steam to vent from the food product during baking.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US2008/074150

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2004023000	A1	05-02-2004	AU EP WO	2003256295 1537031 2004013015	A1	23-02-2004 08-06-2005 12-02-2004
US 5310977	Α	10-05-1994	NONE			
US 4870233	Α	26-09-1989	CA	1331452	С	16-08-1994
JP 2001019062	Α	23-01-2001	NONE	· · · · · · · · · · · · · · · · · · ·		