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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPOSITIONS WITH RICE FLUR AND RICE STARCH

(57) Abstract: A rice flour composition having: from about 20% to about 95%, by weight, of a rice flour that has a WAI of from about 2.6 to about 9; and a Peak Viscosity from about 4 RVU to about 130 RVU; and from about 5% to about 80%, by weight, of rice starch materials that have a WAI of below about 2.2; a Peak Viscosity from about 100 RVU to about 900 RVU, and a soluble amylose content of less than 10%, by weight. The rice starch materials can be selected from the group consisting of waxy rice starch, acetylated rice starch, cross linked rice starch and mixtures thereof. The compositions can be used to produce food products such as fabricated sheeted snacks, extruded products, sauces, coatings for fried foods, dog foods, dog biscuits, baby foods and breads. The preferred dough formed from the inventive rice flour composition is sheetable and forms a cohesive dough. Fabricated snacks made from this dough has the desired taste and texture characteristics. A dry blend for a preferred fabricated snack comprises from about 2% to about 100%, preferably from about 20% to about 85%, most preferably from about 40% to about 75%, of the rice flour composition.



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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
 INV. A23L1/164 A23L1/0522 A23L1/10 A21D8/00
 ADD. A23L1/39 A23K1/00

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)
 A23L A21D

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, WPI Data, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 481 590 A1 (HAYASHIBARA BIOCHEM LAB [JP]) 1 December 2004 (2004-12-01) example 5	1-3,5-7, 9,10,12, 15,18, 19,21,22
X	US 6 224 921 B1 (SHIH FREDERICK F [US] ET AL) 1 May 2001 (2001-05-01) claim 1	1-11, 13-16,18
X	KADAN R S ET AL: "FUNCTIONAL PROPERTIES OF EXTRUDED RICE FLOURS" JOURNAL OF FOOD SCIENCE, INSTITUTE OF FOOD TECHNOLOGISTS, CHICAGO, IL, US, vol. 68, no. 5, 2003, pages 1669-1672, XP009040029 ISSN: 0022-1147 table 1	29
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Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"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)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"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 invention

"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

"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.

"&" document member of the same patent family

Date of the actual completion of the international search

3 November 2006

Date of mailing of the international search report

16/11/2006

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International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/03356 A (NUTRA WELL FOODS INC [CA]) 28 January 1999 (1999-01-28) example 6	1,2
Y	GB 1 465 843 A (ABE S) 2 March 1977 (1977-03-02) page 2, lines 1-26	1,2
A	US 6 558 730 B1 (GISAW YONAS [US] ET AL) 6 May 2003 (2003-05-06) claim 8	2
A	WO 99/51111 A (PROCTER & GAMBLE [US]; WEN LU FANG [US]; HSIEH YEN PING [US]; PROSISE) 14 October 1999 (1999-10-14) claims 1-10	1-28
A	WO 99/20125 A (PROCTER & GAMBLE [US]) 29 April 1999 (1999-04-29) claims 1-10	28

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Rice flour compositions according to claim 1 may relate to a vast area of various fields, such as cosmetic-, chemical-, packaging-, coating- and other product fields.

Since non-food items are not supported in the application, the search and hence the examination are limited to rice flour compositions in the food area only.

INTERNATIONAL SEARCH REPORT

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Box 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:
see FURTHER INFORMATION sheet PCT/ISA/210
2. 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 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:

1. 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 fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers 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.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/022396

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