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(54) Title: HAND HELD FOOD PROCESSOR

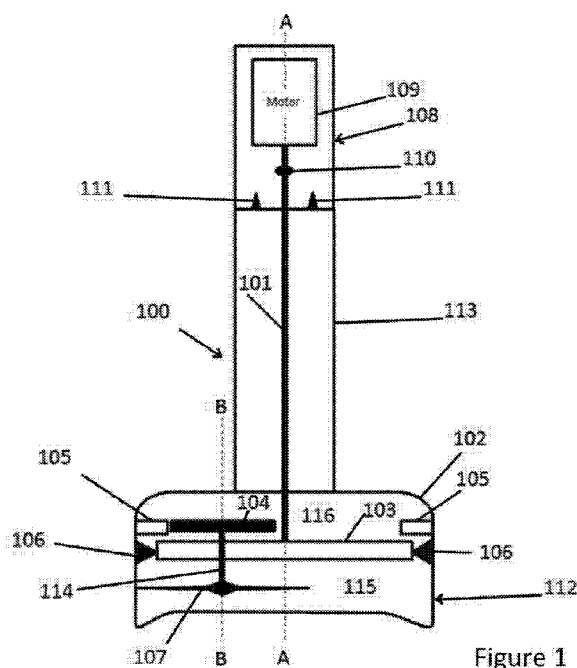


Figure 1

(57) Abstract: A hand held food processor utensil (100) comprising a processor housing (112) defining a processing space, and a first rotary tool (107) arranged to rotate within the space to process the food, in which the tool (107) is arranged to rotate about a tool axis, and in which the tool axis is arranged to rotate about a substantially axially extending housing axis, the housing axis being offset from the tool axis.

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. B01F7/30 B01F13/00 B01F15/00 A47J43/044 ADD.		
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) B01F A47J		
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 practicable, search terms used) EP0-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 479 217 A (ERNA MAS MAKINE TICARET VE SANAYI ANONIM SIRKETI [TR]) 5 October 2011 (2011-10-05)	1,2,9, 10, 16-20, 22,23, 25-30
Y	page 1, line 27 - page 2, line 12	13
A	page 3, line 13 - line 26 figures 1,4-6	3-8,14, 15
X	----- WO 01/67938 A1 (KONINKL PHILIPS ELECTRONICS NV [NL]) 20 September 2001 (2001-09-20)	1-10,16, 17,19, 22,23, 28-30
A	page 1, line 1 - line 13 page 4, line 31 - page 6, line 29 page 7, line 3 - line 22 figures -----	13-15, 18,20, 25-27
-/--		
☒ 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 application or patent 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		Date of mailing of the international search report
5 December 2017		22/12/2017
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		Authorized officer Real Cabrera, Rafael

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International application No

PCT/GB2017/051612

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2009/190439 A1 (YEUNG YAN HOI [US]) 30 July 2009 (2009-07-30) paragraph [0002] paragraph [0009] - paragraph [0017] paragraph [0044] - paragraph [0047] figures -----	1-9,22, 23,28-30 10, 13-20, 25-27
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Y A	DE 198 12 541 A1 (BRAUN GMBH [DE]) 30 September 1999 (1999-09-30) column 1, line 3 - line 11 page 1, line 54 - page 2, line 36 figures -----	13 1-10, 14-20, 22,23, 25-30
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X A	RU 1 836 134 C (CHERNOZEMOV ANATOLIY A [SU]) 23 August 1993 (1993-08-23) figures -----	1,9,10, 13-15 2-8, 16-20, 22,23, 25-30
A	WO 03/001954 A1 (VITA MIX CORP [US]; MILLER BRENT [US]; BOOZER RICHARD [US]; ANTON MICH) 9 January 2003 (2003-01-09) figures -----	13-15
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2017/051612

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:
2. ☒ Claims Nos.: 31
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:
see FURTHER INFORMATION sheet PCT/ISA/210
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

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 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 report covers only those claims for which fees were paid, specifically claims Nos.:
1-10, 13-20, 22, 23, 25-30
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 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: 1-10, 16-20, 22, 23, 25-30

Hand held food processor comprising a first rotary tool performing a planetary movement, in which the drive shaft is arranged to drive a carrier member about the housing axis, the first rotary tool being rotatably mounted to the carrier member.

2. claim: 11

Hand held food processor comprising a first rotary tool performing a planetary movement, in which a plurality of blades extend outwardly of the tool axis, and are of different lengths.

3. claim: 12

Hand held food processor comprising a first rotary tool performing a planetary movement, in which the rotary tool axis is inclined relative to the housing axis.

4. claims: 13-15

Hand held food processor comprising a first rotary tool performing a planetary movement, in which at least a portion of the housing is non circular in cross section.

5. claim: 21

Hand held food processor comprising a first rotary tool performing a planetary movement, in which a second tool is arranged to counter-act forces acting on a user's hand generated by the first tool during use.

6. claim: 24

Hand held food processor comprising a first rotary tool performing a planetary movement, in which an inner surface of the housing comprises at least one discontinuity extending into the processing space.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 31

Claim 31 relates to "a processor substantially as described in relation to the accompanying figures". In accordance with the requirements of Rule 6.2(a) PCT the claims must not, in respect to the technical features of the invention, rely on references to the description or drawings "except where absolutely necessary". In the present case it is evident that it is possible to draft the claims in terms of technical features without the need of referring to the description and/or figures (see PCT Search and Preliminary Examination Guidelines, Part II, 5.10).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guidelines C-IV, 7.2), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2017/051612

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