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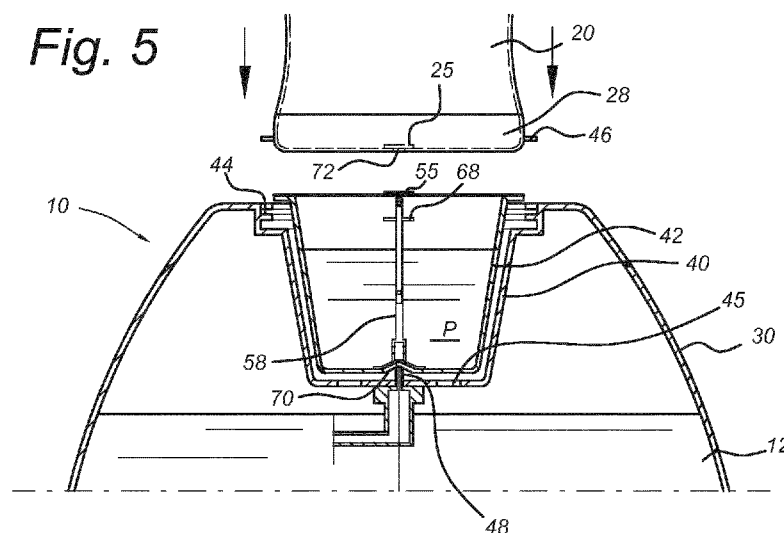
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(54) Title: SYSTEM FOR THE PREPARATION OF BEVERAGES



(57) Abstract: A system (1) for the preparation of beverages includes a beverage supply device (10) for delivering a dose of liquid through a liquid outlet (58) and a beverage receptacle (20) having a base having a liquid inlet (72). The supply device and beverage receptacle may be joined together using a coupling interface (44,46) for connecting the beverage supply device to the base of the beverage receptacle. This allows the liquid to flow into the bottle via the liquid inlet in the base of the beverage receptacle. The system may operate with capsule containing concentrated beverage and may include further accessories.



INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER

INV. A47J31/40 A61J9/00 B65D85/804
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)

A47J B65D A61J

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)

EPO-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	WO 98/30455 A2 (FRIEDMAN MARK M [IL]; SHAPIRA NIVA [IL]) 16 July 1998 (1998-07-16)	55-57, 59,60
A	page 5, line 31 - page 6, line 5; figure 1	1,6,10, 29,43,64
A	----- WO 2006/077259 A1 (NESTEC SA [CH]; STALDER ROLAND [CH]; MANDRALIS ZENON IOANNIS [CH]) 27 July 2006 (2006-07-27)	62,63
A	----- CH 702 947 A2 (ZWIMPFER MICHAEL [CH]) 14 October 2011 (2011-10-14)	1,5-10, 13, 16-18, 20,21, 23-27, 29,43
	the whole document ----- -/-	



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

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.
X A	WO 2006/129302 A2 (VASERMAN ELCHANAN [IL]) 7 December 2006 (2006-12-07) page 6, paragraph 1-7; figures 1,2,6	55-60 1,5,6, 10-12, 14-17, 21,22, 24-27, 29,43,64
X A	----- US 2008/302711 A1 (WINDMILLER DAVID MITCHELL [US]) 11 December 2008 (2008-12-11) paragraphs [0107] - [0136]; figures 1-10	29, 32-44, 48,50-54 1,16,64
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A	----- WO 2010/025392 A2 (PEPSICO INC [US]; RUIZ DE GOPEGUI RICARDO [US]; MARINA HERMAN [US]; EN) 4 March 2010 (2010-03-04) paragraphs [0027] - [0036], [0040]; figures 1, 4a-4c	1,5,6, 10, 23-27,62
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2013/064439

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.:
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

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.:
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: 1-28(completely); 55-64(partially)

A beverage supply device for delivering a dose of liquid through a liquid outlet to a liquid inlet in a base of a beverage receptacle for the preparation of a beverage, the supply device comprising a coupling interface for connecting the supply device to the base of the beverage receptacle, whereby the liquid flows into the beverage receptacle via the liquid inlet characterized in that a replaceable accessory is connectable to the beverage supply device or the coupling interface in the place of the beverage receptacle, the replaceable accessory being selected from the group comprising: a sterilizing unit; a bottle warming unit; a food warming unit; a drink warming unit; a sterile water dispenser; a blender; and a drink maker.

1.1. claims: 16-28(completely); 55-64(partially)

A system for the preparation of beverages comprising: a beverage supply device for delivering a dose of liquid through a liquid outlet; a beverage receptacle having a base having a liquid inlet; and, a coupling interface for connecting the supply device to the base of the beverage receptacle, whereby the liquid flows into the beverage receptacle via the liquid inlet in use, characterized in that the system further comprises a replaceable accessory, connectable to the beverage supply device or the coupling interface in the place of the beverage receptacle, the replaceable accessory being selected from the group comprising: a sterilizing unit; a bottle warming unit; a food warming unit; a drink warming unit; a sterile water dispenser; a blender; and a drink maker.

2. claims: 29-42(completely); 55-64(partially)

A beverage supply device for delivering a dose of liquid through a liquid outlet to a liquid inlet in a base of a beverage receptacle for the preparation of a beverage, the supply device comprising a coupling interface for connecting the supply device to the base of the beverage receptacle, whereby the liquid flows into the beverage receptacle via the liquid inlet in use, characterized in that the device further comprises a source of water and a mixing chamber in communication with the source of water, whereby concentrated beverage can be mixed with water in the mixing chamber and delivered to the liquid outlet.

3. claims: 43-54(completely); 55-64(partially)

A system for the preparation of beverage receptacles

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

comprising: a beverage supply device for delivering a dose of liquid through a liquid outlet; a beverage receptacle having an upper portion for affixing a drinking teat and a base having a liquid inlet; a coupling interface for connecting the beverage supply device to the base of the beverage receptacle, whereby the liquid flows into the beverage receptacle via the liquid inlet in use, characterized in that system further comprises a capsule containing a quantity of concentrated beverage to be mixed with water for delivery to the beverage receptacle.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2013/064439

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