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[Continued on next page]

(54) Title: CAPSULE AND SYSTEM FOR BEVERAGE PREPARATION

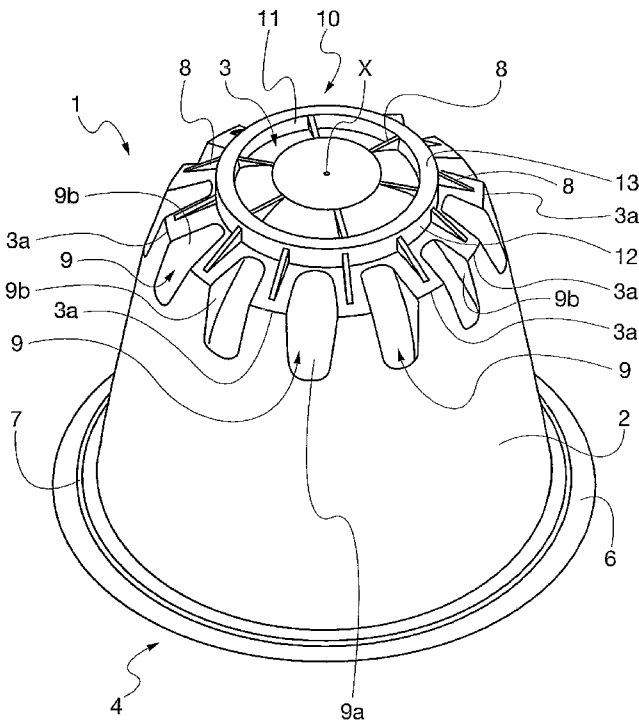
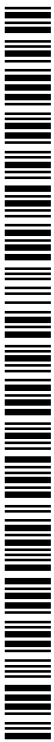


Fig. 1

(57) Abstract: A capsule for preparing a beverage comprising a lateral wall (2), an inlet wall (3) and an outlet wall (4) forming a hollow body (5) where a brewing product is contained. The inlet wall comprises a piercing area, wherein said area is pierced by a brewing device (20) comprising piercing means (21) extending along a predetermined path for perforating said capsule to inject a brewing liquid into the said capsule. The piercing area of the inlet wall (3) comprises at least one portion (10) protruding outside the said inlet wall (3), said portion (10) comprising an inner lateral wall (11), an outer lateral wall (12) and a perforating wall (13).





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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2013/063848

A. CLASSIFICATION OF SUBJECT MATTER
INV. B65D85/816 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)
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 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	US 2010/064899 A1 (AARDENBURG KEES [CH]) 18 March 2010 (2010-03-18)	1-13, 20-25
Y	paragraphs [0046] - [0062] figures 1-3, 7, 8, 15	14-19
Y	----- WO 2011/027259 A1 (ETHICAL COFFEE COMPANY SA [CH]; MARILLER ALAIN [CH]) 10 March 2011 (2011-03-10) cited in the application figures 5,6	14
Y	----- WO 2012/080501 A1 (DELICA AG [CH]; AMREIN PETER [CH]; MARSCHALL CHRISTINA [CH]; POPESCU C) 21 June 2012 (2012-06-21) page 23 - page 29 figures 1, 2	15-19
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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 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 20 January 2014	Date of mailing of the international search report 30/01/2014
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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 Duc, Emmanuel
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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2013/063848

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 2011/159162 A1 (BISERKON HOLDINGS LTD [CY]; ZWEED SANDER GORDON [NL]; ANDREAE JAN [NL]) 22 December 2011 (2011-12-22) page 9, line 24 - page 12, line 4 figure 1	15-19
Y	----- EP 2 287 090 A1 (NESTEC SA [CH]) 23 February 2011 (2011-02-23) cited in the application paragraph [0059] figures 12, 13 -----	14

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2013/063848

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, 2, 4-10, 12, 13, 20-25(completely); 11(partially)

A capsule wherein the width of the perforating wall corresponding to the distance between said inner and outer lateral walls is comprised in the range 1.5 mm to 5 mm and preferably in the range 2 mm to 4 mm.

2. claim: 3

A capsule wherein said at least one protruding portion extends along a circular path of radius (a) measured from a central axis (X) of the capsule, said inner lateral wall and said outer lateral wall being arranged at equal distance from said radius (a), and wherein said radius (a) is comprised in the range 5 mm to 9 mm, and more preferably in the range 6 mm to 8 mm

3. claim: 11(partially)

Capsule wherein said perforating wall is a foil constrained to inner and outer lateral walls

4. claims: 14-19

Capsule with reinforcing means or at least one recessed portion extending on said inlet wall and/or on the lateral wall of the capsule

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2013/063848

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