

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 June 2009 (11.06.2009)

(10) International Publication Number
WO 2009/071663 A3

(51) International Patent Classification:
A41C 3/04 (2006.01) A41C 3/12 (2006.01)

(21) International Application Number:
PCT/EP2008/066888

(22) International Filing Date:
5 December 2008 (05.12.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
07122556.9 6 December 2007 (06.12.2007) EP

(71) Applicant and

(72) Inventor: GERNAY, Caroline [BE/BE]; Donderij 18,
B-9680 Maarkedal (BE).

(74) Agents: BIIP CVBA et al.; Culliganlaan 1b, B-1831
Diegem (BE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ,
EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,

KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG,
SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
11 September 2009

(54) Title: CUP WITH MAGNETIC OPENING SYSTEM

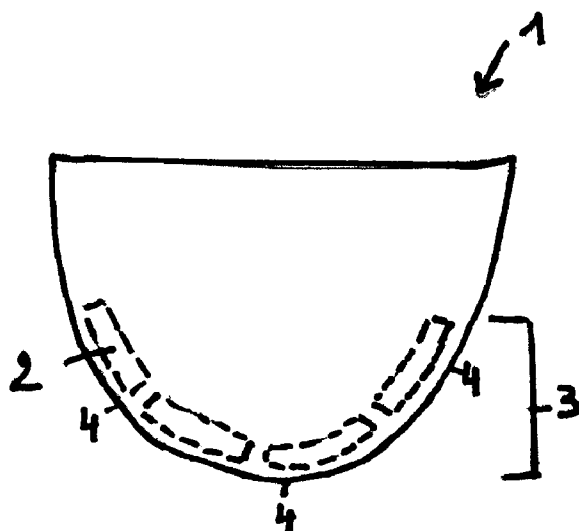


Fig 2

(57) Abstract: The present invention relates to a cup which
can be opened by means of components positioned at the
supporting part of the cup and able to magnetically interact.
The cup can be partially opened allowing discrete and simple
exposure of the breast. The cup can be part of a nursing
garment to allow nursing of the infant. The present invention
further relates to a method for producing such cup or
garments having such cups.

WO 2009/071663 A3

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/066888

A. CLASSIFICATION OF SUBJECT MATTER
INV. A41C3/04 A41C3/12

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)
A41C

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 1 107 315 A (ZHANG MENGKE [CN]) 30 August 1995 (1995-08-30) the whole document	1,2,5,6, 8-14,16, 17
X	CN 1 111 488 A (ZHOU HUI [CN]) 15 November 1995 (1995-11-15) the whole document	1,4,7, 9-13, 15-17
X	CN 1 150 003 A (WANG YOUJIN [CN]) 21 May 1997 (1997-05-21) the whole document	1,3,4,7, 9-13, 15-17
	----- -/--	

☒ 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

10 March 2009

Date of mailing of the international search report

13/07/2009

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

Herry-Martin, D

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/066888

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 989 101 A (JENN-SHYANG TSAI [TW] ET AL) 23 November 1999 (1999-11-23) column 2, line 1 - line 25; figures 1-4 -----	1,7, 9-13, 15-17
X	JP 2002 061005 A (SEIKO PRECISION KK) 28 February 2002 (2002-02-28) abstract; figures 1,2 -----	1,4,7, 9-13, 15-17
A	JP 2001 181907 A (KUZUU MIKIO) 3 July 2001 (2001-07-03) abstract; figures 1-4 -----	1-17
A	US 7 081 034 B1 (ZOELLNER NICOLE [US]) 25 July 2006 (2006-07-25) column 2, line 19 - column 3, line 19; figures 1-5 -----	1-17
A	US 6 282 719 B1 (VERA CAROL ANN [US] ET AL) 4 September 2001 (2001-09-04) column 3, line 1 - line 28; figures 1-5 -----	1-17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2008/066888

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 1107315	A	30-08-1995	NONE	
CN 1111488	A	15-11-1995	NONE	
CN 1150003	A	21-05-1997	NONE	
US 5989101	A	23-11-1999	NONE	
JP 2002061005	A	28-02-2002	NONE	
JP 2001181907	A	03-07-2001	NONE	
US 7081034	B1	25-07-2006	NONE	
US 6282719	B1	04-09-2001	CA 2396211 A1	25-07-2002
			MX JL02000012 A	11-12-2002
			WO 02056716 A2	25-07-2002