

(19)



Europäisches  
Patentamt  
European  
Patent Office  
Office européen  
des brevets



(11)

EP 3 278 785 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
16.05.2018 Bulletin 2018/20

(51) Int Cl.:  
A61J 9/06 (2006.01)

(43) Date of publication A2:  
07.02.2018 Bulletin 2018/06

(21) Application number: 17181809.9

(22) Date of filing: 18.07.2017

(84) Designated Contracting States:  
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO  
PL PT RO RS SE SI SK SM TR**  
Designated Extension States:  
**BA ME**  
Designated Validation States:  
**MA MD**  
  
(30) Priority: 02.08.2016 US 201615226771  
21.10.2016 US 201615331014  
07.02.2017 US 201715426899

(71) Applicant: **Mace Corporation**  
Las Vegas, NV 89103 (US)  
  
(72) Inventor: **Clores, Edgardo**  
Las Vegas, NV 89113 (US)  
  
(74) Representative: **London IP Ltd**  
Lymington Business Centre  
Solent House  
Cannon Street  
Lymington, Hampshire SO41 9BR (GB)

### (54) BOTTLE HOLDING SYSTEM AND CONFIGURATIONS THEREOF

(57) A bottle holding system for a baby device has a frame assembly having a beam. An attachment is inserted through the beam and securing a bottle on the beam.

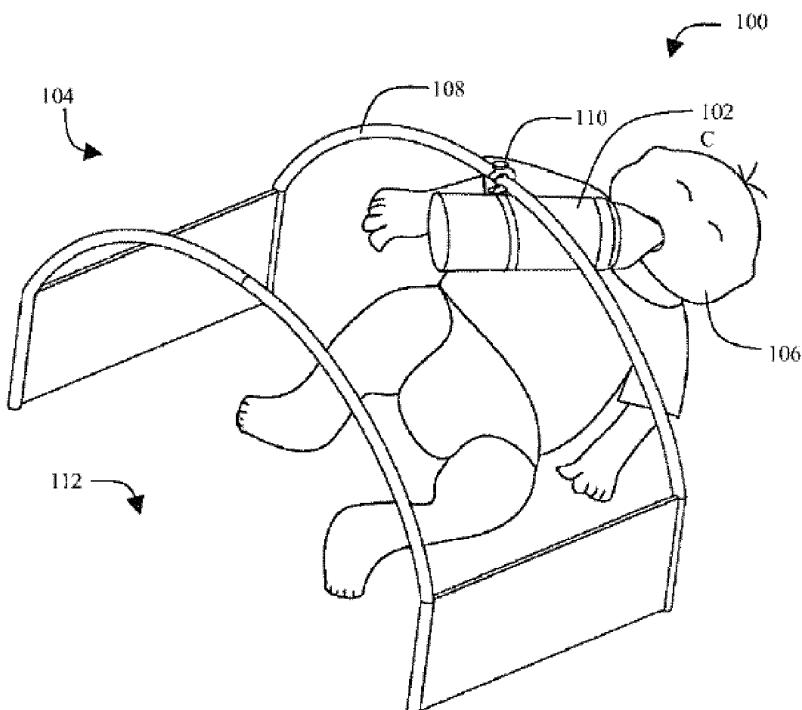


Figure 1



## EUROPEAN SEARCH REPORT

Application Number  
EP 17 18 1809

5

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
10	X US 4 733 837 A (AGUIRRE EVERARDO M [MX]) 29 March 1988 (1988-03-29) * figures 1-2 *	1,4	INV. A61J9/06
15	X US 760 389 A (EBA GEORGE M [US]) 17 May 1904 (1904-05-17) * figures 1-2 *	1,2,4	
20	X US 2 638 296 A (WINGATE BATTLE) 12 May 1953 (1953-05-12) * figures 1,4 *	1-6	
25	X GB 2 170 410 A (MASON REBECCA) 6 August 1986 (1986-08-06) * figure 2 *	1-3,5,6	
30	X US 1 826 810 A (BUICHI MORISHITA) 13 October 1931 (1931-10-13) * figure 1 *	1-4	
35	X GB 2 187 391 A (SILVERMAN DR MICHAEL) 9 September 1987 (1987-09-09) * figure 1 *	1-3	TECHNICAL FIELDS SEARCHED (IPC)
40	X GB 2 457 475 A (WHITE HALLEY [GB]) 19 August 2009 (2009-08-19) * figure 1 *	1-3	A61J
45	X US 2 496 527 A (RUTH FORREST) 7 February 1950 (1950-02-07) * figures 2-3 *	7,8, 10-15 9	
50	X US 4 627 588 A (BLOCK RICHARD M [US]) 9 December 1986 (1986-12-09) * figures 3,4 *	7-10	
55	The present search report has been drawn up for all claims		
3	Place of search The Hague	Date of completion of the search 10 April 2018	Examiner Kroeders, Marleen
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

EPO FORM 1503 03.82 (P04C01)



## EUROPEAN SEARCH REPORT

Application Number  
EP 17 18 1809

5

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
10	X ES 2 153 779 A1 (LOPEZ HIDALGO LEONOR [ES]) 1 March 2001 (2001-03-01) * figure 2 *	11-15	
15	X US 2 738 152 A (BLACKMORE EDWARD J) 13 March 1956 (1956-03-13) * figures 2,3,5 *	11-15	
20			
25			
30			
35			
40			
45			
50	The present search report has been drawn up for all claims		
55	Place of search The Hague		Date of completion of the search 10 April 2018 Examiner Kroeders, Marleen
EPO FORM 1503 03.82 (P04C01) CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



Europäisches  
Patentamt  
European  
Patent Office  
Office européen  
des brevets

Application Number

EP 17 18 1809

5

## CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

## LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION**  
**SHEET B**

Application Number  
EP 17 18 1809

5

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

10

**1. claims: 1-6**

A bottle holding system for a baby device, comprising:  
A) a frame  
B) an attachment to connect bottle and frame  
with the additional features of the attachment (B+)  
solving the problem of providing a connection with a beam  
element

---

15

**2. claims: 1, 7-15**

20

A bottle holding system for a baby device, comprising:  
A) a frame  
B) an attachment to connect bottle and frame  
with the additional features of the frame assembly (A+)  
solving the problem of providing a width-adjustable frame

---

25

30

35

40

45

50

55

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 17 18 1809

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

10-04-2018

	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
10	US 4733837 A 29-03-1988		NONE	
15	US 760389 A 17-05-1904		NONE	
20	US 2638296 A 12-05-1953		NONE	
25	GB 2170410 A 06-08-1986		NONE	
30	US 1826810 A 13-10-1931		NONE	
35	GB 2187391 A 09-09-1987		NONE	
40	GB 2457475 A 19-08-2009		NONE	
45	US 2496527 A 07-02-1950		NONE	
50	US 4627588 A 09-12-1986		NONE	
55	ES 2153779 A1 01-03-2001		NONE	
	US 2738152 A 13-03-1956		NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82