Abstract

The present invention relates to a nipple shield device or baby bottle nipple for removing leukocytes from breast milk with a filter attached to the nipple shield or baby bottle nipple at a location permitting removal of leukocytes from breast milk. A method of removing leukocytes from breast milk involving filtering breast milk with a filter that removes leukocytes is also disclosed.

Title: DEVICES AND METHODS FOR REMOVAL OF LEUKOCYTES FROM BREAST MILK

FIG. 3
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

<table>
<thead>
<tr>
<th>IPC:</th>
<th>A61J 9/00( 2006.01); B01D 29/00( 2006.01), 37/00( 2006.01), 39/00( 2006.01)</th>
</tr>
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</table>

**USPC:** 210/488,489,503,505; 604/73,74,78; 128/890

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)

U.S.: 210/488,489,503,505; 604/73,74,78; 128/890

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted other than the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 2,364,866 A (MEYNIER, JR.) 12 December 1944 (12.12.1944), see entire document.</td>
<td>1-26</td>
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<tr>
<td>Y</td>
<td>US 5,229,012 A (PALL et al) 20 July 1993 (20.07.1993), see entire document.</td>
<td>1-26</td>
</tr>
<tr>
<td>Y</td>
<td>MICHIE, C.A. et al, Arch Dis Child 2001; 84:381-382 (May)</td>
<td>1-26</td>
</tr>
</tbody>
</table>

**Further documents are listed in the continuation of Box C.**

**See patent family annex.**

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent 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**

14 May 2008 (14.05.2008)

**Date of mailing of the international search report**

21 May 2008

**Name and mailing address of the ISA/US**

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