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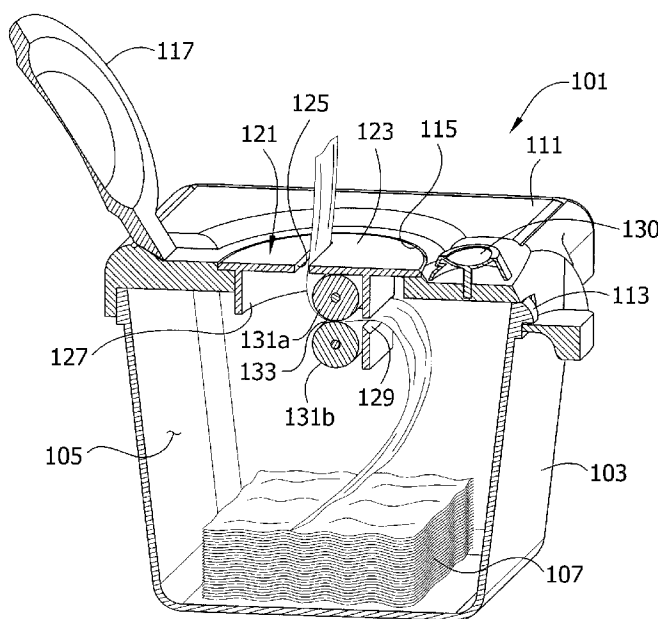
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[Continued on next page]

(54) Title: DISPENSING SYSTEM FOR DISPENSING WARM WET WIPES



(57) Abstract: In a dispensing system (101) for dispensing wet wipes, a wet wipe has an aqueous solution and microencapsulated delivery vehicles including a temperature agent, and is disposed in a wet wipe container (103). A cartridge (121) is held in assembly with the wet wipe container (103) and has an activating device that facilitates rupturing of the microencapsulated delivery vehicles as the wet wipe is removed from the dispensing system (101) to allow contact between the temperature change agent and the aqueous solution of the wet wipe to thereby dispense a warm or cooled wet wipe.

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INTERNATIONAL SEARCH REPORT

International application No
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INV. A47K10/32 A47K10/42

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)
A47K

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 004 711 A (RAVICH LEONARD E) 25 January 1977 (1977-01-25) column 4, line 56 - column 5, line 46; figures	1,9,17
A	DE 203 05 272 U1 (KOLLINGER RALF [DE]) 11 September 2003 (2003-09-11) page 6, paragraph 2 - page 9, paragraph 1; figures 1,5-7	1,9,17
A	GB 2 168 031 A (WARREN JONATHAN SIDNEY) 11 June 1986 (1986-06-11) the whole document	1,9,17
A	JP 2003 104465 A (PIGEON CORP) 9 April 2003 (2003-04-09) abstract; figure 9	1,9,17
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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 document but published on or after the international filing date

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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

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2007/051684

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 084 670 A (COMBI CO [JP]) 21 March 2001 (2001-03-21) abstract; figure 1 -----	1,9,17
A	US 2002/174863 A1 (SARIC JERKO [CA] ET AL) 28 November 2002 (2002-11-28) claims 11,12; figure 1 -----	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2007/051684

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 allsearchable 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: 1-8

A dispensing system comprising:
a wet wipe container;
a wet wipe comprising an aqueous solution and
microencapsulated delivery vehicles including a temperature
change agent; and
a cartridge comprising an activating device.

2. claims: 9-16

A dispensing system comprising:
a wet wipe container;
a wet wipe comprising an aqueous solution and
a cartridge comprising a lotion container, a lotion
comprising a microencapsulated delivery vehicle including a
temperature change agent, an applicator and an activating
device.

3. claims: 17-20

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

A dispensing system comprising:
a wet wipe container;
a wet wipe comprising an aqueous solution and
a cartridge comprising a lotion container, a lotion
comprising a temperature change agent and an applicator.

Independent claims 1, 9 and 17 have the following
subject-matter in common:

- a dispensing system for dispensing wet wipes, the
dispensing system comprising:
- a wet wipe container having an internal compartment for
containing wet wipes;
- a wet wipe disposed in the internal compartment of the wet
wipe container,
- the wet wipe comprising an aqueous solution;
- a cartridge held in assembly with the wet wipe container
- in communication with the internal compartment of the wet
wipe container
- a temperature change agent capable of providing a
temperature change upon contact with the aqueous solution.

Such a dispensing system is already known, e.g from document
US-A-4 004 711 (see figure 3: wet wipe container 30, wet
wipe 31, cartridge 32 and column 5, lines 16 to 25) cited in
the search report.

As a result, there is no technical relationship among these
inventions involving one or more of the same or
corresponding special technical features (Rule 13.2 PCT).
Moreover, the third invention has not special technical
features, i.e. those technical features that define a
contribution over the prior art, i.e. over document US-A-4
004 711, as the subject-matter of claim 17 is already known
from this document.

Therefore, the separate inventions described in claims 1, 9
and 17 are not so linked as to form a single general
inventive concept (Rule 13.1 PCT).

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/IB2007/051684

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4004711	A	25-01-1977	NONE
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