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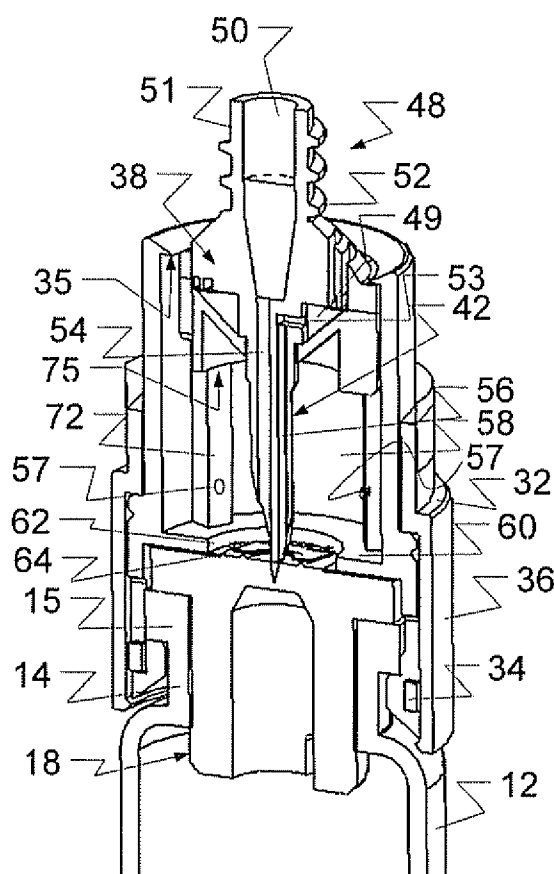
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[Continued on next page]

(54) Title: RECONSTITUTION DEVICE



(57) Abstract: A reconstitution device for storing a first component of a pharmaceutical preparation includes a receptacle, a cap having a first end secured to the receptacle, a second end, and an inner bore having a central aperture. The device further includes a stopper located between the receptacle and the cap, the stopper including a portion capable of being perforated. The device also includes a plunger secured to the second end of the cap, a locking mechanism located in the cap, and an actuating mechanism. The actuating mechanism may prevent the device from inadvertent activation.

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/069639

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61J1/20

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)
A61J

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.
X	FR 2 753 624 A (BIODOME [FR]) 27 March 1998 (1998-03-27) the whole document -----	1-3,5-7, 19,24-26

☐ 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.

G document member of the same patent family

Date of the actual completion of the international search

21 December 2007

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03/03/2008

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/069639

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 reportcovers 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.:
1-7, 19, 24, 25, 26

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: 1-7,19,24,25,26

Reconstitution device comprising a receptacle, a cap, a stopper, a plunger, a locking mechanism, an actuating mechanism and feedback mechanisms.

2. claims: 1,8,9

Reconstitution device comprising a receptacle, a cap, a stopper, a plunger, a locking mechanism, an actuating mechanism and a locking mechanism made of thin material including a tongue.

3. claims: 1,10-12,27

Reconstitution device comprising a receptacle, a cap, a stopper, a plunger, a locking mechanism, an actuating mechanism and an attachment of the stopper in the opening of the neck, and method of assembling such reconstitution device.

4. claims: 1,13-16

Reconstitution device comprising a receptacle, a cap, a stopper, a plunger, a locking mechanism, an actuating mechanism and a male element.

5. claims: 1,17

Reconstitution device comprising a receptacle, a cap, a stopper, a plunger, a locking mechanism, an actuating mechanism and a tamper-proof mechanism.

6. claims: 1,18,21-23

Reconstitution device comprising a receptacle, a cap, a stopper, a plunger, a locking mechanism, an actuating mechanism and a top surrounding the plunger and the cap, the plunger with top surface including direction markers and alignment markers.

7. claims: 1,20

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Reconstitution device comprising a receptacle, a cap, a stopper, a plunger, a locking mechanism, an actuating mechanism and the plunger adapted to slide along an outer surface of the cap.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/069639

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