

## A61J

### **CONTAINERS SPECIALLY ADAPTED FOR MEDICAL OR PHARMACEUTICAL PURPOSES; DEVICES OR METHODS SPECIALLY ADAPTED FOR BRINGING PHARMACEUTICAL PRODUCTS INTO PARTICULAR PHYSICAL OR ADMINISTERING FORMS; DEVICES FOR ADMINISTERING FOOD OR MEDICINES ORALLY; BABY COMFORTERS; DEVICES FOR RECEIVING SPITTLE**

#### **Definition statement**

*This subclass/group covers:*

Apparatus, devices, or methods specially adapted for changing or fashioning bulk medicines, or their essential constituents, into pharmaceutical products having specific physical forms designed to either:

facilitate their accurate dispensing to, or proper usage by, humans (e.g., tablets of specified dosage),

enhance their desirability so as to improve their likelihood of being consumed or used (e.g., candy coated tablets, impregnated food, lubricated suppositories),

improve their ability to, or make them physically able to, be consumed or used (e.g., encapsulated fish oil, ointments), or

increase their effectiveness.

Apparatus, devices, or methods specially adapted for administering medications or pharmaceutical products to humans through their oral cavity.

Receptacles that are not designed to be ingestible and are specially adapted for holding or containing medicines or pharmaceutical products prior to their usage or consumption by humans.

Receptacles specially adapted to hold, contain, or transport pharmaceutical, surgical, or therapy related materials other than medicines or pharmaceutical products (e.g., containers for storing blood).

Hollow flexible conduits specially adapted, or solely intended, for the purpose of providing nutriment in fluid or fluent forms to humans by insertion of the conduits into an orifice of their bodies (e.g., enteral feeding using functioning gastrointestinal tract).

Containers specially adapted for holding water or nutriment in fluid or fluent forms (e.g., feeding bottles) that is withdrawn by the sucking of infants, young children, or other humans (e.g., patients, disabled persons) on orally engaged portions or subcomponents of the containers.

The orally engaged subcomponents per se of the containers of the preceding

paragraph (e.g., compressible rubber teats for feeding bottles) which are specially adapted for infants, young children, or other humans to suck upon to withdraw water or nutriment in fluid or fluent forms from the containers.

Other types of apparatus or devices specially adapted for orally administering only nutriment in fluid or fluent forms to infants, patients or disabled persons.

Devices that are not designed to be ingestible and are specially adapted, or solely intended, for either:

soothing, calming, or relaxing infants or young children by relieving a physical craving (e.g., oral pacifier) or

allowing infants or young children to relieve minor irritations or inflammations themselves through usage of the devices (e.g., teething devices for gum irritation).

Devices or receptacle specially adapted, or solely intended, for receiving spittle, phlegm, or other forms of naturally occurring oral discharge from humans.

Devices specially adapted to prevent irritation of the teat portion of the mammary gland of humans from abrasive or rubbing contact.

Specially adapted subcomponents or steps for the above types of apparatus, containers, devices or methods of the preceding paragraphs that are not provided for in another subclass.

Auxiliary appliances or accessories specially adapted for use with the apparatus, containers, or devices of the preceding paragraphs to facilitate either:

the proper dispensation or usage of medications or pharmaceutical products (e.g., medication reminders, pill counters) or

the taking of food orally by humans.

## **Relationship between large subject matter areas**

When used with animals

If an apparatus, device, or method is usable for both humans and animals for the same purpose and in the same manner, and it is otherwise proper for this subclass, classification is made only in subclass [A61J 1/00](#) - [A61J 19/00](#).

Similar apparatus, devices, or methods to those covered by subclass [A61J 1/00](#) - [A61J 19/00](#) that are usable exclusively for animals, or are used in animals in a different manner or for different purposes than for humans, are classified in subclass [A61D 1/00](#) - [A61D 99/00](#).

Baby comforters, food, and toys

Devices that may be interesting to a baby (e.g., they have a specific shape such as an animal that the baby may manipulate) and are intended to serve to relieve a physical craving, irritation, or inflammation of the baby are covered by subclasses [A61J 9/00](#), [A61J 11/00](#) and [A61J 17/00](#).

Devices that are primarily intended to be played with by a baby to entertain it, but might also incidentally emotionally calm it (e.g., stuffed bear at bedtime), are covered by subclass [A63H 1/00](#) - [A61H 37/00](#).

## References relevant to classification in this subclass

*This subclass/group does not cover:*

Time release microcapsules for introduction of media into body and other devices for introducing or retaining media in cavities of the body	<a href="#">A61M 31/00</a>
Time release medication patches for application to human bodies	<a href="#">A61M 35/00</a>
Tubes, tube connectors, valves or tube couplings specially adapted for medical use	<a href="#">A61M 39/00</a>
Infusion devices	<a href="#">A61M 5/14</a>
Syringe ampoules or cartridges	<a href="#">A61M 5/28</a>

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Foods, foodstuffs, or their preparation or treatment	<a href="#">A23L 1/00</a>
Drinking vessels used for table service	<a href="#">A47G 19/22</a>
Spoon type tableware	<a href="#">A47G 21/04</a>
Protective casings or covers for appliances or instruments	<a href="#">A61B 19/02</a>
Medical preparations characterized by special physical form	<a href="#">A61K 9/00</a>

Suppositories	<a href="#">A61K 9/02</a>
Capsules and medicinal compositions	<a href="#">A61K 9/48</a>
Devices for introducing media into or on the body	<a href="#">A61M 1/00</a> - <a href="#">A61M 39/00</a>
Droppers or containers for laboratory use	<a href="#">B01L 3/00</a>
Containers for storage or transport of articles or materials in general or their accessories, closures, or fittings	<a href="#">B65D 1/00</a> - <a href="#">B65D 85/00</a>
Containers specially constructed to be opened by cutting or piercing, or by tearing of frangible member or portion	<a href="#">B65D 17/00</a>
Details of bottles or jars not otherwise provided for	<a href="#">B65D 23/00</a>
Dropper type dispensers for closing containers	<a href="#">B65D 47/18</a>
Closures for containers with means for discouraging their opening or removal without authorization or required level of physical aptitude	<a href="#">B65D 50/00</a>
Blister packages	<a href="#">B65D 75/36</a>
Applying closure members to bottles, jars, or similar containers	<a href="#">B67B 1/00</a> - <a href="#">B67B 7/00</a>

### **Special rules of classification within this subclass**

The following Indexing Codes can be used throughout [A61J 1/00](#) - [A61J 19/00](#). They should be added where relevant or appropriate:

General characteristics or adaptations	<a href="#">A61J 2200/00</a>
General identification or selection means	<a href="#">A61J 2205/00</a>

---

---

## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

Disabled person	A human being that is unable to do a certain basic physical task (e.g., walking) without assistance due to a physical or mental impairment/condition.
Medicine, Medication	Chemical or biological substance intended to be used for the diagnosis, treatment, mitigation, alleviation, or prevention of diseases, disorders, injuries, or any other abnormal physical or mental state in humans.
Patient	Human being awaiting or undergoing any form of (a) medical care (e.g., testing) or treatment by medical staff (e.g., doctors, dentists, midwives, chiropractors) or (b) physical tending (e.g., feeding) by care providers (e.g., hospice or nursing home staff) due to impairment.
Pharmaceutical product	Man made or natural medicines specially adapted by manufactures or pharmacies into forms that facilitate their internal or external usage by humans.

## Synonyms and Keywords

In patent documents the following words "teat" and "nipple" are often used as synonyms for the orally engaged portion of feeding bottles.

In patent documents the following expressions "feeding bottle", "nursing bottle", and "baby bottle" are often used as synonyms.

In patent documents the following words "spittoon", and "cuspidor" are often used as synonyms.

## A61J 1/00

**Containers specially adapted for medical or pharmaceutical purposes (capsules or the like for oral use A61J3/07; boxes for medical appliances, doctors' bags A61B19/02; antithrombogenic treatment of articles for conditioning blood A61L33/00; devices for introducing media into or onto the body A61M; containers for radioactive substances G21F5/00)**

### Definition statement

*This subclass/group covers:*

Receptacles that are not designed to be ingestible and are specially adapted for holding or containing medicines or pharmaceutical products prior to their usage or consumption by humans.

Receptacles specially adapted to hold, contain, or transport pharmaceutical, surgical, or therapy related materials other than medicines or pharmaceutical products (e.g., containers for storing blood).

[A61J 1/00](#) refers nearly exclusively to medicament containers.

### References relevant to classification in this group

*This subclass/group does not cover:*

Containers for organs or living tissue	<a href="#">A01N 1/02</a>
Boxes for medical appliances, doctor's bags	<a href="#">A61B 19/02</a>
Capsules or the like for oral use	<a href="#">A61J 3/07</a>
Sterilizing means	<a href="#">A61L 2/00</a>
Antithrombogenic treatment of articles for conditioning blood	<a href="#">A61L 33/00</a>
Devices for introducing media into or onto the body	<a href="#">A61M 1/00</a> - <a href="#">A61M 39/00</a>
Laboratory equipment	<a href="#">B01L 1/00</a> - <a href="#">B01L 99/00</a>
Large containers for cell culture	<a href="#">C12M 1/00</a> - <a href="#">B65D 88/00</a>
Containers for radioactive substances	<a href="#">G21F 5/00</a>

## Special rules of classification within this group

Documents in [A61J 1/00](#) - [A61J 1/22](#) disclosing the following container types should always be given at least a corresponding Indexing Code:

Blister type containers	<a href="#">A61J 1/035</a>
Carpules	<a href="#">A61J 1/062</a>
Rigid ampoules, e.g. glass ampoules	<a href="#">A61J 1/065</a>
Flexible ampoules, e.g. squeezable ampoules	<a href="#">A61J 1/067</a>
Bag type containers	<a href="#">A61J 1/10</a>

## A61J 1/03

**for pills or tablets (containers with special dispensing means therefor B65D83/04)**

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Containers with active dispensing means, e.g. pressing a button	<a href="#">B65D 83/04</a>
---	----------------------------

## Special rules of classification within this group

Documents belonging in this subgroup should always be sent to [B65D 1/00](#) - [B65D 85/00](#) for classification.

Distribution means for pills or tablets should be classified in [A61J 7/0076](#).

Containers comprising passive means for indicating the time of administration of the medicament should be additionally classified in [A61J 7/04](#).

Containers comprising active or electronic means for indicating the time of administration of the medicament should be additionally classified in [A61J 7/0409](#).

## A61J 1/035

**[N: Blister-type containers (blisters in general B65D75/36)]**

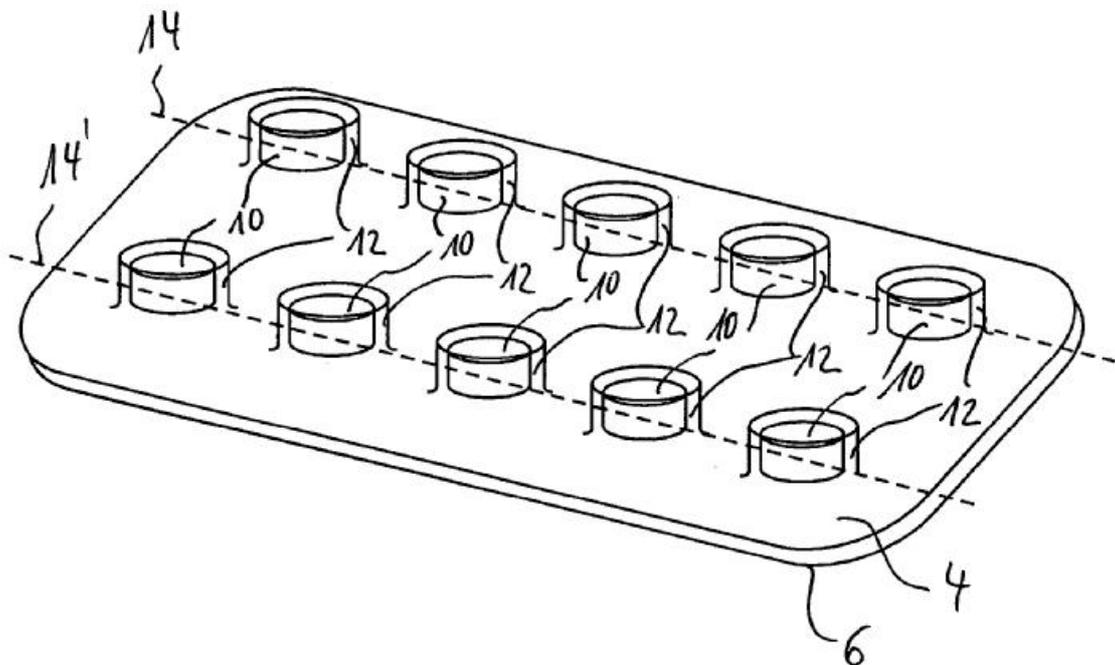
**Definition statement**

*This subclass/group covers:*

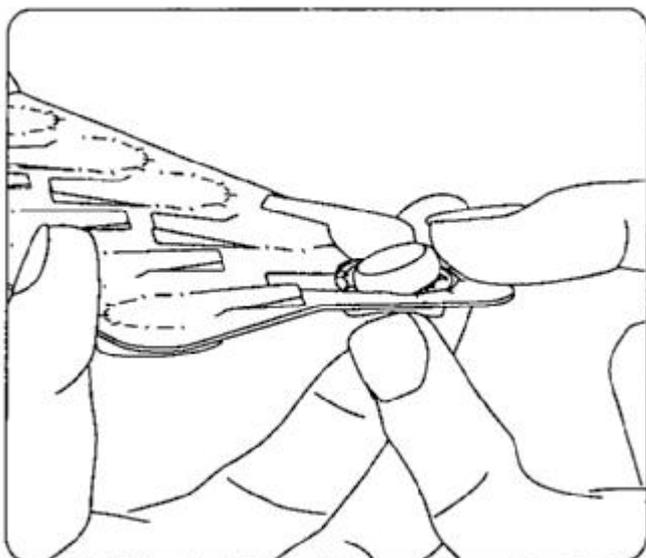
Containers enclosing pharmaceuticals to be taken orally between two opposed sheets or blanks which are joined, wherein one of both sheets or blanks comprise recessed compartments to accommodate said pharmaceuticals, and wherein the pharmaceutical is released by pressing it through the backing sheet or blank.

Examples of blister type containers:

DE202009015049U



DE202009012194U



## References relevant to classification in this group

*This subclass/group does not cover:*

Examples of places where the subject matter of this subgroup is covered when specially adapted, used for a particular purpose, or incorporated into a larger system:

Blisters for inhalers	<a href="#">A61M 15/00</a> - <a href="#">B65D 75/36</a>
Multilayered films	<a href="#">B32B 1/00</a> - <a href="#">B32B 43/00</a>

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Dispensing from blisters	<a href="#">B65B 65/00D1</a>
Blisters in general	<a href="#">B65D 75/36</a>

## Special rules of classification within this group

Documents in [A61J 1/00](#) - [A61J 1/22](#) disclosing blister type containers should be given at least Indexing Code [A61J 1/035](#).

## Synonyms and Keywords

In the patent documents classified in this group, the following expressions

"push-through-pack" and "PTP" are often used as synonyms for blister type containers.

## A61J 1/05

for collecting, storing or administering blood, plasma or medical fluids [N: (multiple bags systems for separating or storing blood components A61M1/0209); Infusion or perfusion containers]

### References relevant to classification in this group

*This subclass/group does not cover:*

Multiple bags systems for separating or storing blood components	<a href="#">A61M 1/0209</a>
Multilayered films	<a href="#">B32B 7/00</a> , <a href="#">B32B 27/00</a>

## A61J 1/06

Ampoules or carpules (syringe ampoules or carpules A61M5/28)

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Syringe ampoules or carpules	<a href="#">A61M 5/28</a>
------------------------------	---------------------------

### Special rules of classification within this group

Documents in [A61J](#) disclosing ampoules should be given at least Indexing Code [A61J 1/06](#) or corresponding Indexing Code.

## A61J 1/062

[N: Carpules]

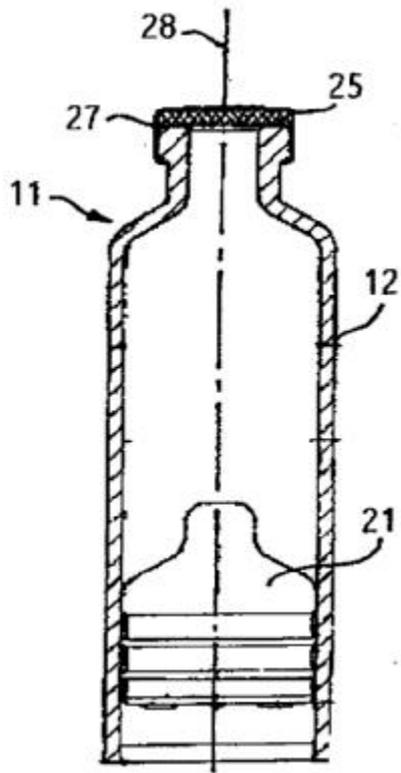
### Definition statement

*This subclass/group covers:*

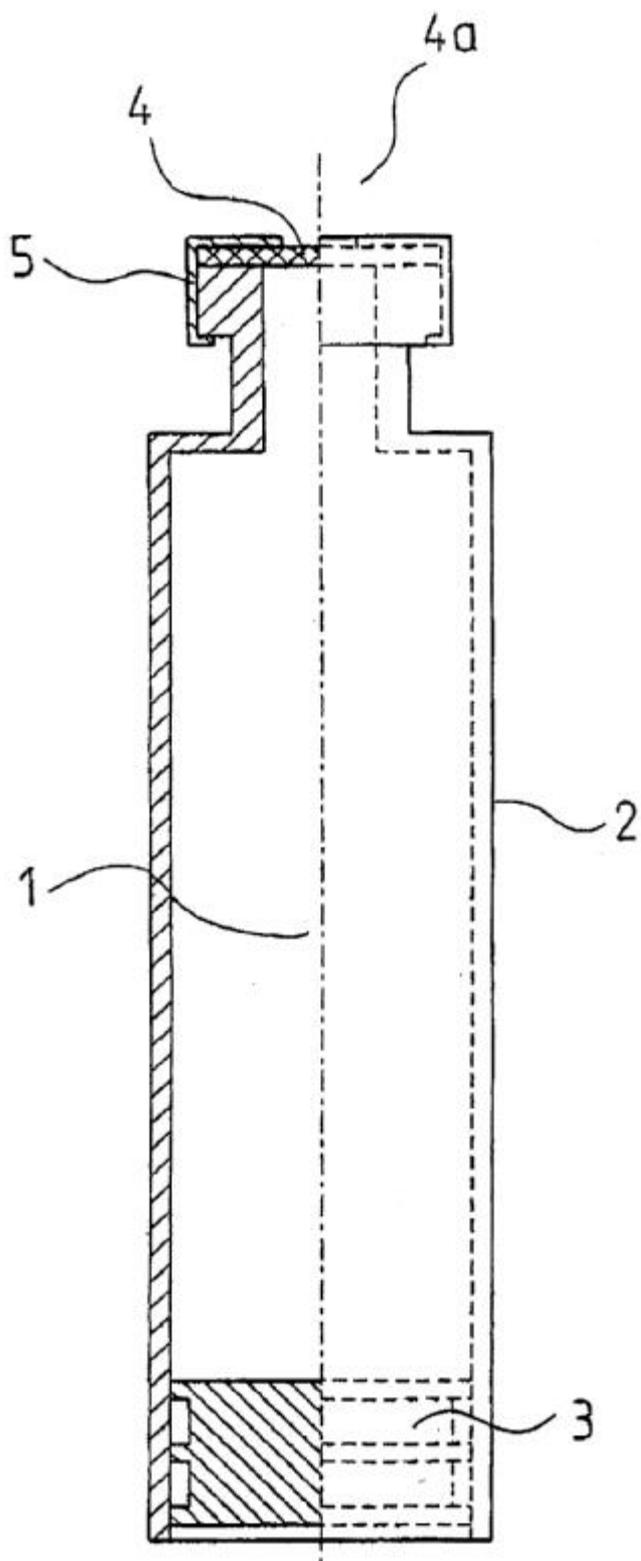
Carpules, i.e. ampoules for containing a (unit dose of a) pharmaceutical fluid comprising a plunger or piston for expelling its contents.

Examples of carpules:

EP2281542



US2004004086



**Special rules of classification within this group**

Documents in [A61J 1/00](#) - [A61J 19/00](#) disclosing carpules should be given at least Indexing Code [A61J 1/062](#).

## A61J 1/065

[N: Rigid ampoules, e.g. glass ampoules]

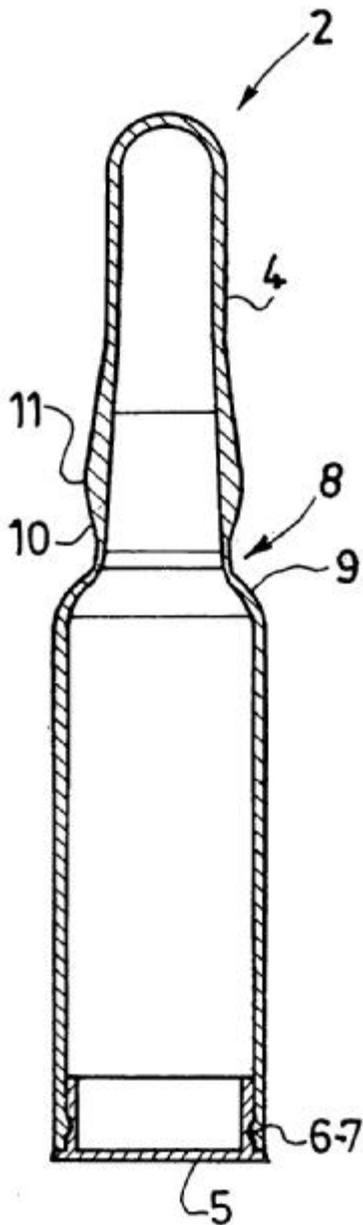
### Definition statement

*This subclass/group covers:*

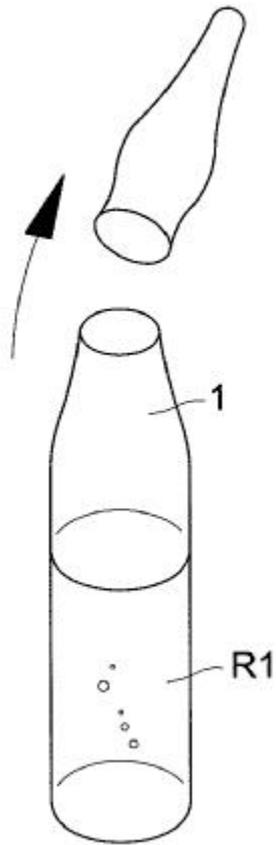
Ampoules, i.e. sealed, small rigid or glass containers containing a (unit dose of a) pharmaceutical fluid for hypodermic injection.

Examples of rigid ampoules:

EP1918214



EP2301510



### References relevant to classification in this group

*This subclass/group does not cover:*

Breaking devices for ampoules	<a href="#">B67B 7/92</a>
-------------------------------	---------------------------

### Special rules of classification within this group

Documents in [A61J 1/00](#) - [A61J 19/00](#) disclosing rigid ampoules should be given at least Indexing Code [A61J 1/065](#)

### A61J 1/067

**[N: Flexible ampoules, the contents of which are expelled by squeezing]**

### Definition statement

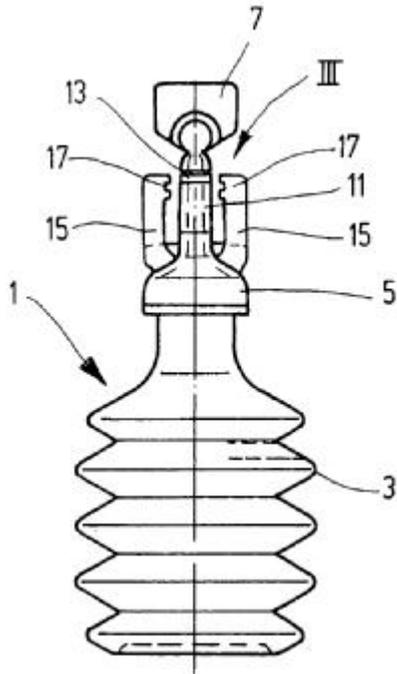
*This subclass/group covers:*

Sealed, small flexible containers containing a (unit dose of a) pharmaceutical

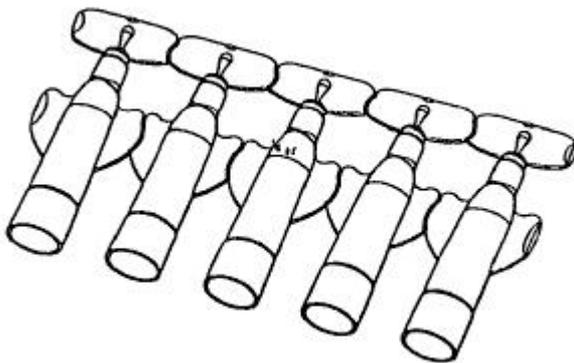
fluid which is to be expelled by squeezing.

Examples of flexible ampoules:

DE102006009611



DE20217814U



### Special rules of classification within this group

Documents in [A61J 1/00](#) - [A61J 19/00](#) disclosing flexible ampoules should be given at least Indexing Code [A61J 1/067](#).

### A61J 1/10

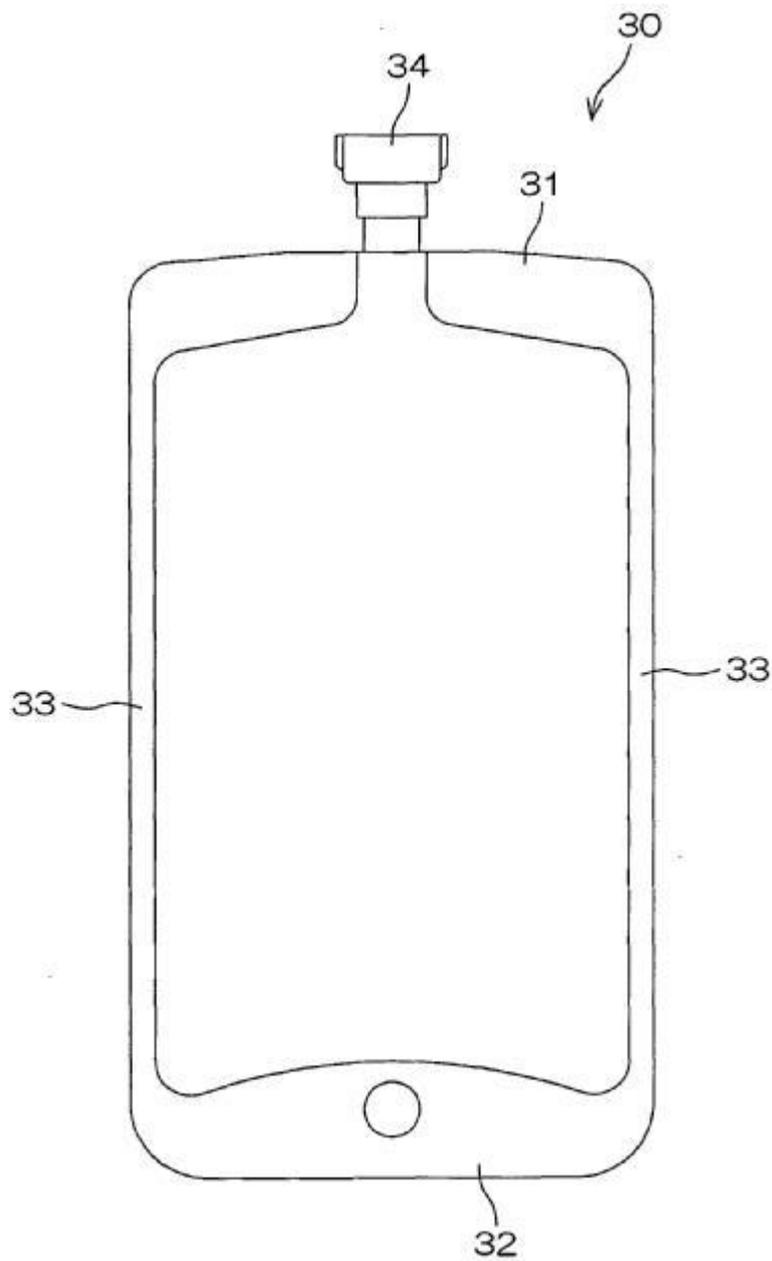
## Bag-type containers

### Definition statement

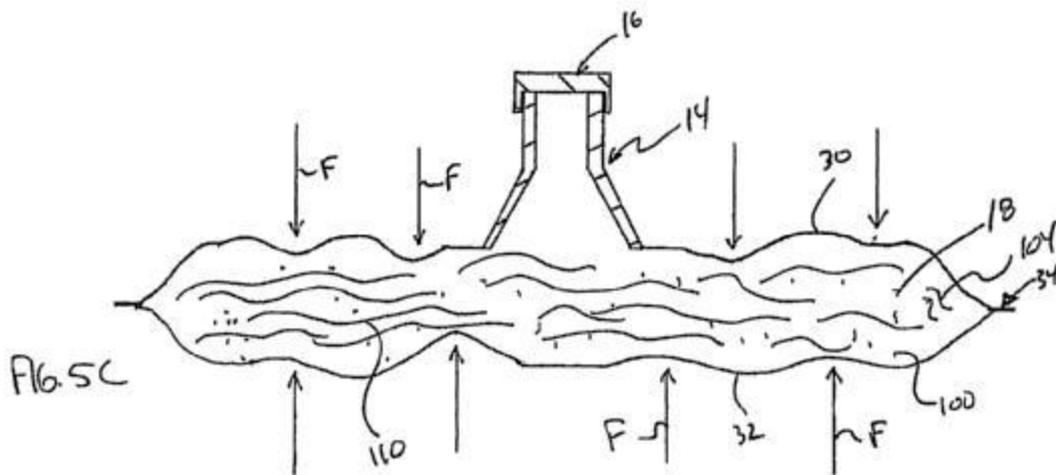
*This subclass/group covers:*

Examples of bag type containers:

EP1803552



US2009234317



## Relationship between large subject matter areas

Overwrapping for bag type containers [A61J 1/16](#), [A61J 1/16](#)

## References relevant to classification in this group

*This subclass/group does not cover:*

Examples of places where the subject matter of this subgroup is covered when specially adapted, used for a particular purpose, or incorporated into a larger system:

Blow moulding	<a href="#">B29C 49/00</a>
Multilayered or laminated material	<a href="#">B32B 1/00</a> - <a href="#">B32B 43/00</a>
Plastic composition	<a href="#">C08L 1/00</a> - <a href="#">C01L 101/00</a>

## Special rules of classification within this group

Documents in [A61J 1/00](#) - [A61J 19/00](#) disclosing bag type containers should be given at least Indexing Code [A61J 1/10](#).

## A61J 1/10B

[N: Inlet or outlet ports thereof]

### Definition statement

*This subclass/group covers:*

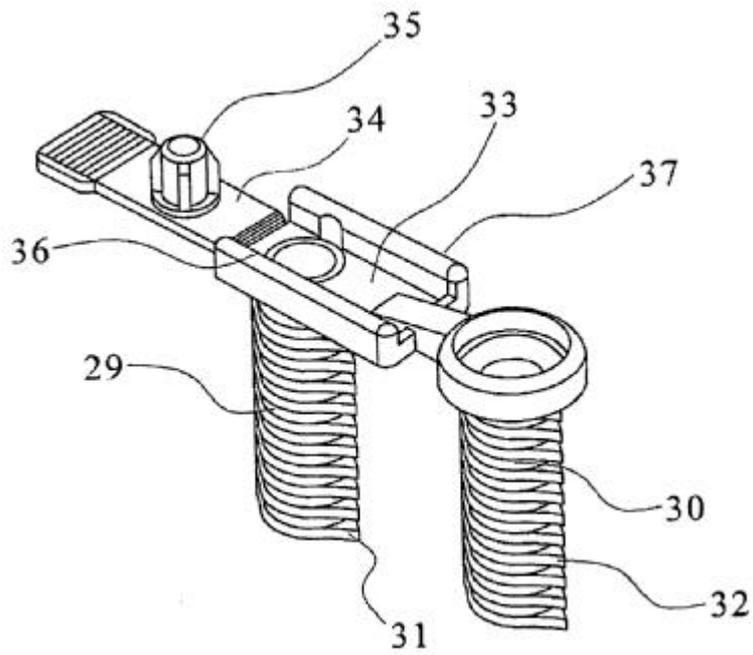
Constructional or functional details of access sites of containers which provide

access to or from the fluid containing portion of a container.

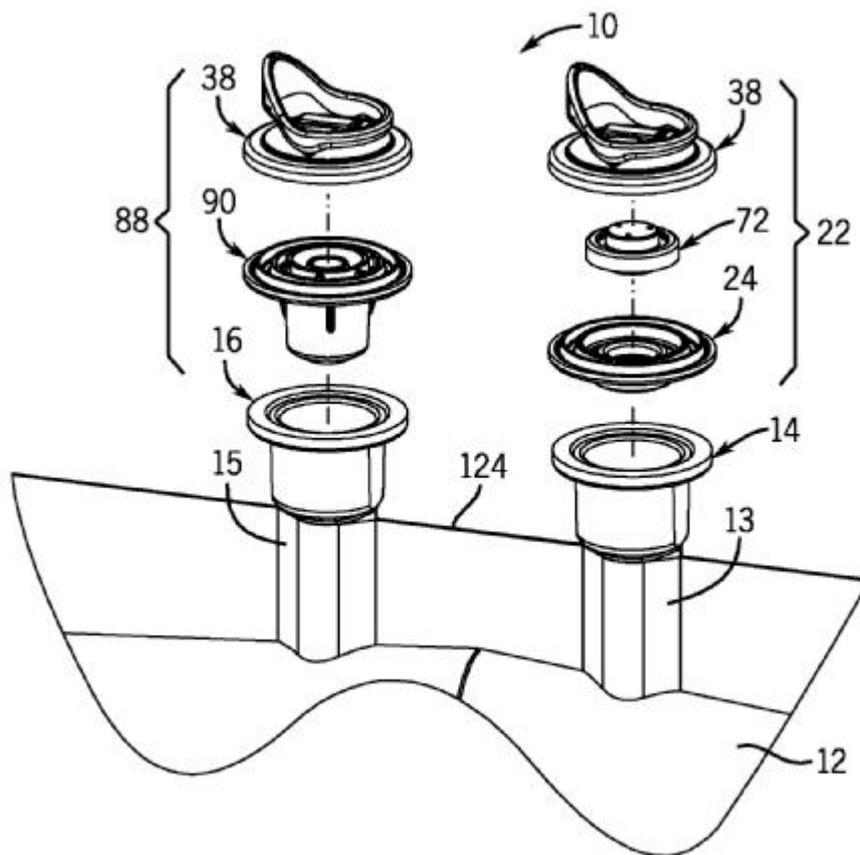
Examples of inlet or outlet ports of bag type containers:

EP1741418

Images not available to view



WO2008003045



### Informative references

Attention is drawn to the following places, which may be of interest for search:

Tube connectors	<a href="#">A61M 39/00</a>
-----------------	----------------------------

### A61J 1/12

with means for holding samples of contents

### Special rules of classification within this group

Means for holding samples of content for non bag type containers should be classified in Indexing Code [A61J 1/12](#).

### A61J 1/14

Details, [N: e.g. inlet or outlet ports, provisions for hanging, shape retaining means]; Accessories therefor, [N: e.g. connections of tubings, valves, caps (plugs or stoppers B65D51/00)] (A61J7/00 takes precedence; openers

## **B65D, B67B7/00 )**

### **References relevant to classification in this group**

*This subclass/group does not cover:*

Inlet or outlet ports for bag-type containers	<a href="#">A61J 1/10B</a>
Devices for administering medicines orally	<a href="#">A61J 7/00</a> - <a href="#">A61J 7/0061</a>
Devices for opening closed containers	<a href="#">B65D</a> , <a href="#">B67B 7/00</a>

Devices related to administration of medicines are classified in [A61J 7/00](#).

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Coatings for plugs	<a href="#">C08J 7/04L83</a>
Labels used for hanging the container	<a href="#">S06F 3/02A16</a>

## **A61J 1/1406**

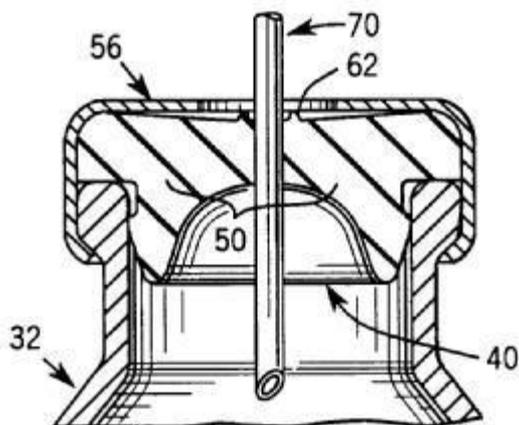
### **[N: Septums, pierceable membranes]**

#### **Definition statement**

*This subclass/group covers:*

Constructional or functional details of septum or membranes or access sites of containers comprising a pharmaceutical fluid that require to be punctured for gaining access to the fluid containing portion of the container.

Pierceable plug (WO9603961))



### Relationship between large subject matter areas

Closures for bottles, e.g. plugs or stoppers, and their details are classified in [B65D 51/00](#).

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Closures to be pierced	<a href="#">B65D 51/002</a>
------------------------	-----------------------------

### Special rules of classification within this group

Documents belonging to this subgroup should always be sent to [B65D 51/00](#) for classification.

### A61J 1/1443

**[N: Containers with means for dispensing liquid medicaments in a filtered or sterile way, e.g. with bacterial filters]**

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Devices aiding filling of syringes in situ	<a href="#">A61M 5/1782</a>
--	-----------------------------

### A61J 1/16

## Holders for containers

### Definition statement

*This subclass/group covers:*

Overwrappings, covers or holding devices for protective, decorative, supportive or other purposes which do not form an integral part of a container.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Holders or stands for containers at bedside	<a href="#">A61G 7/0503</a>
Infusion devices: Hanging up devices	<a href="#">A61M 5/1414</a>
Supports for filling bag type containers	<a href="#">B65B 43/465</a>
Supporting bases, stands for equipment	<a href="#">A61M 2209/084</a>

## A61J 1/165

[N: Cooled holders, e.g. for medications, insulin, blood, plasma (containers with thermal insulation in general B65D81/38; ice-boxes F25D)

### References relevant to classification in this group

*This subclass/group does not cover:*

Ice boxes	<a href="#">F25D 1/00</a> - <a href="#">F25D 31/00</a>
-----------	--

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Containers with thermal insulation in general	<a href="#">B65D 81/38</a>
Cryogenic storage	<a href="#">F17C 3/085</a>
Frames constraining or supporting	<a href="#">A61M 1/02F2</a>

bags during freezing	
----------------------	--

## A61J 1/18

**Arrangements for indicating condition of container contents, e.g. sterile condition**

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Methods or apparatus for disinfecting or sterilizing materials or objects other than foodstuffs or contact lenses	<a href="#">A61L 2/00</a>
Arrangements or devices for indicating incorrect storage or transport	<a href="#">B65D 79/02</a>

## A61J 1/20

**Arrangements for transferring [N: or mixing] fluids, e.g. from vial to syringe [N: (containers in general with provisions for mixing contents B65D81/32)]**

### Definition statement

*This subclass/group covers:*

This subgroup contains arrangements or devices intended for transferring or mixing medicinal or pharmaceutical fluids like:

Containers comprising multiple compartments

Connectors for creating two way fluid paths between (different types of) containers such as vials, ampoules, bags syringes.

### References relevant to classification in this group

*This subclass/group does not cover:*

Tube connectors with valves	<a href="#">A61M 39/22</a>
Needle sets	<a href="#">A61M 5/162</a>
Industrial filling of ampoules, vials,	<a href="#">B65B 3/003</a>

syringes, etc.	
Containers in general with provisions for mixing contents	<a href="#">B65D 81/32</a>

### Special rules of classification within this group

Details and accessories of the arrangements of [A61J 1/20](#) and its subgroups are classified in the following Indexing Codes and their subgroups:

Filtering means	<a href="#">A61J 2001/2079</a>
Piercing means	<a href="#">A61J 2001/2006</a>
Separating means	<a href="#">A61J 2001/202</a>
Connecting means	<a href="#">A61J 2001/2048</a>
Venting means	<a href="#">A61J 2001/2068</a>

Complex devices should be classified in the subgroup [A61J 1/20](#).

### A61J 1/2089

**[N: Containers or vials which are to be joined to each other in order to mix their contents (combinations of vial and syringe for mixing their contents A61J1/2096)]**

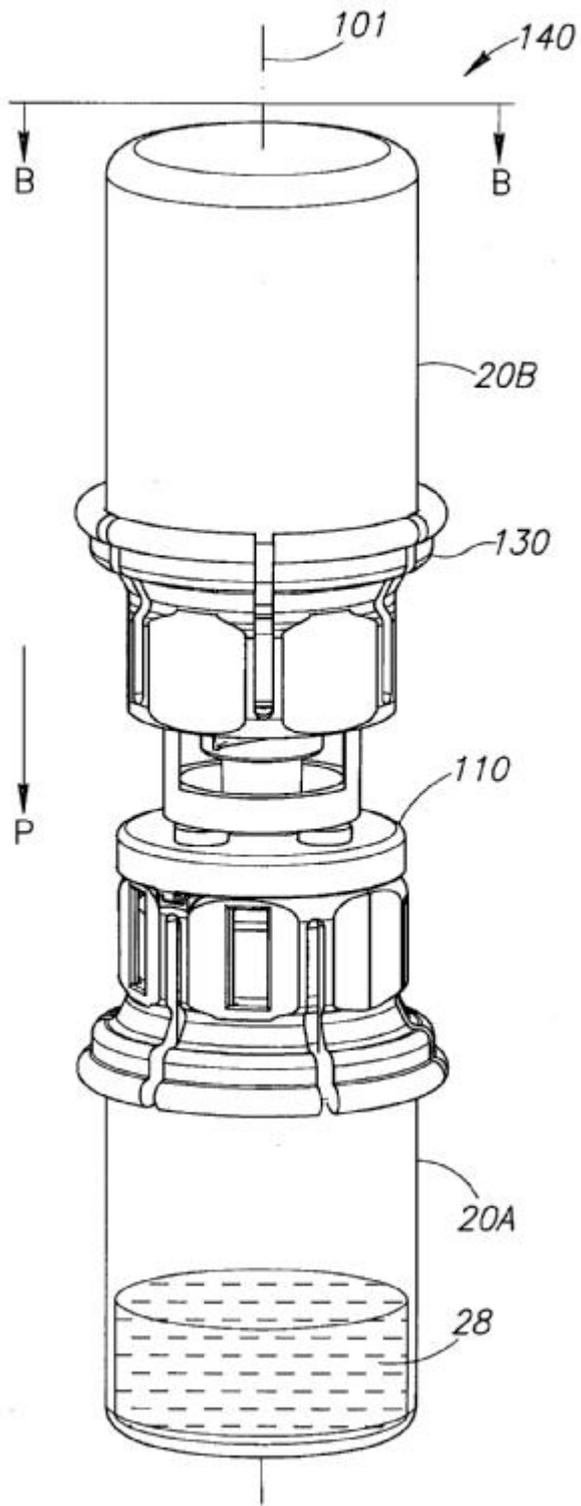
#### Definition statement

*This subclass/group covers:*

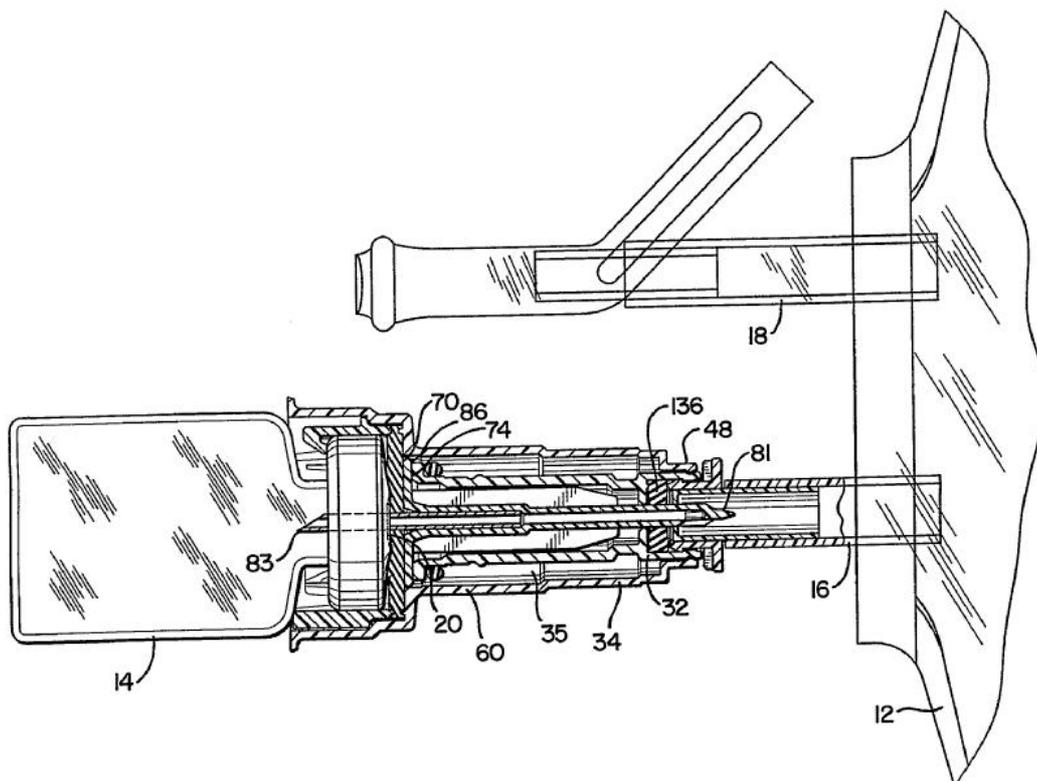
Connectors or adaptors which enable or assist fluid communication between two or more containers for mixing or dissolving medicines in preparation of an administration.

Examples of containers or vials which are to be joined to each other in order to mix their contents:

WO2011104711



WO03082398



## References relevant to classification in this group

*This subclass/group does not cover:*

Combinations of vial and syringe for mixing their contents	<a href="#">A61J 1/2096</a>
Tube connectors	<a href="#">A61M 39/10</a>

## A61J 1/2093

**[N: Containers having several compartments for products to be mixed]**

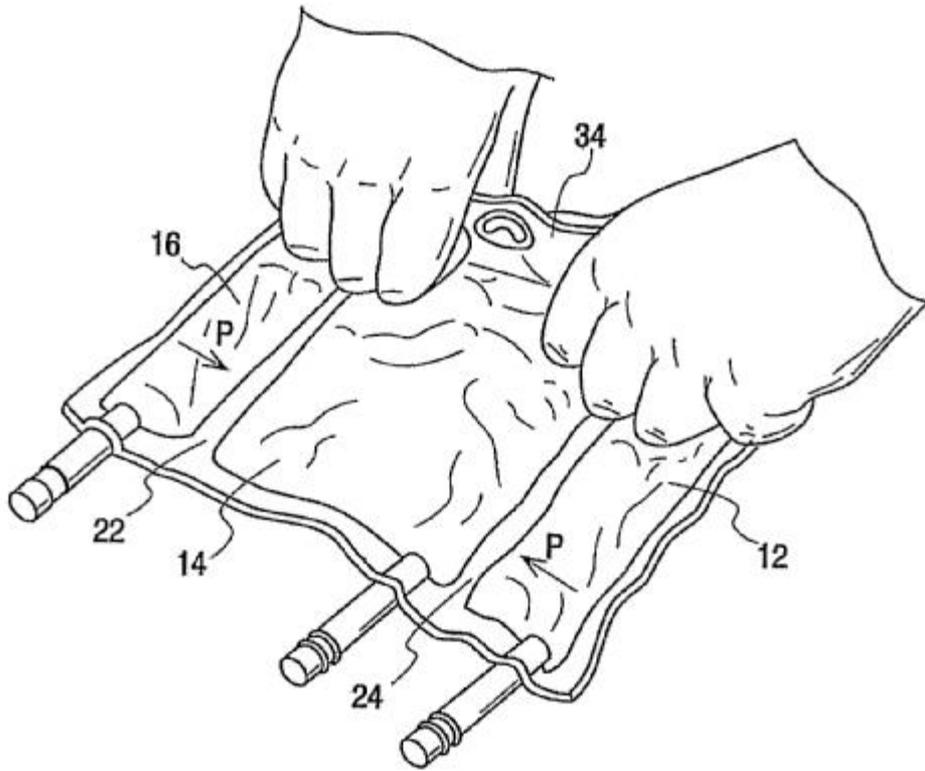
### Definition statement

*This subclass/group covers:*

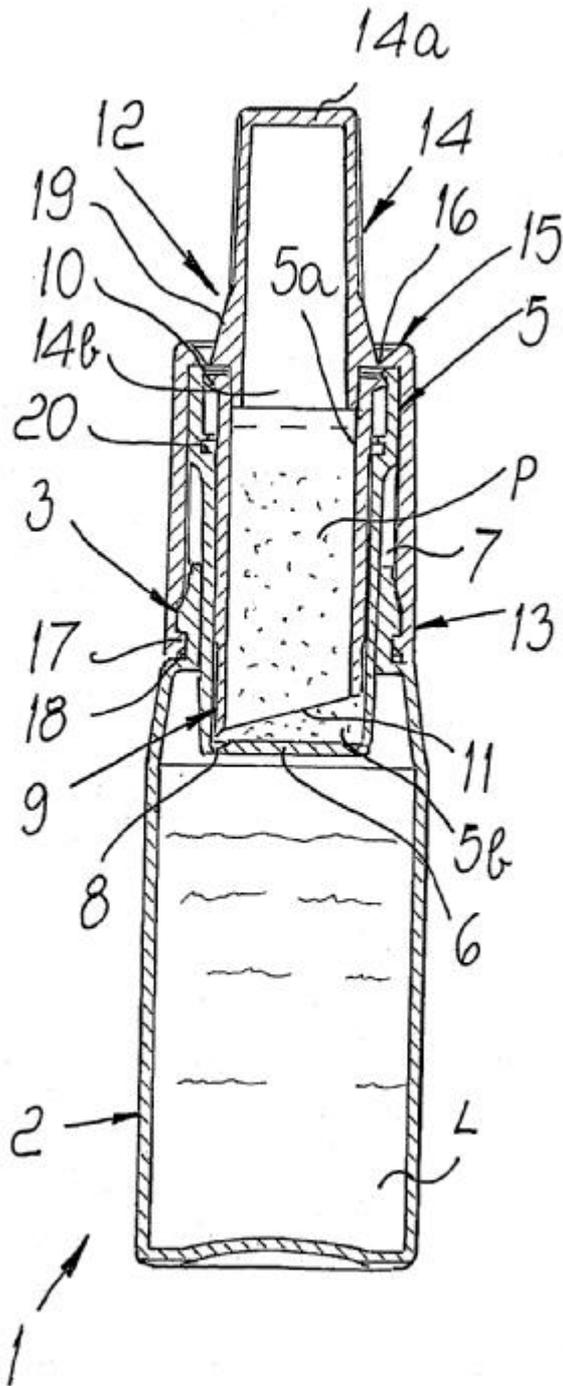
Containers having multiple internal compartments separated by removable separations, the compartments containing pharmaceutical fluids which require mixing before administration.

Examples of containers having several compartments for products to be mixed::

WO2007016615



WO0236065



**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Method for producing frangible seal between chambers	<a href="#">A61M 5/1782</a>
--	-----------------------------

## A61J 1/2096

[N: Combination of a vial and a syringe for transferring or mixing their contents]

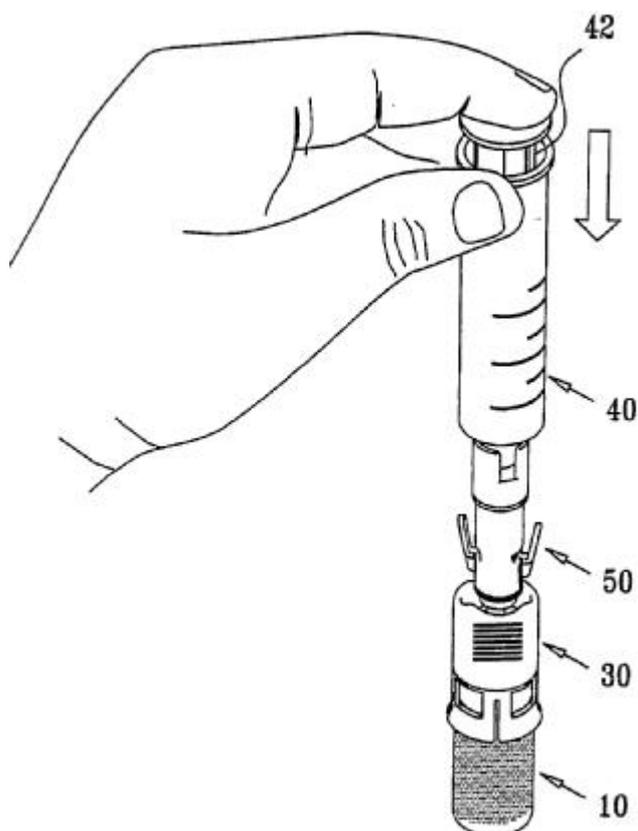
### Definition statement

*This subclass/group covers:*

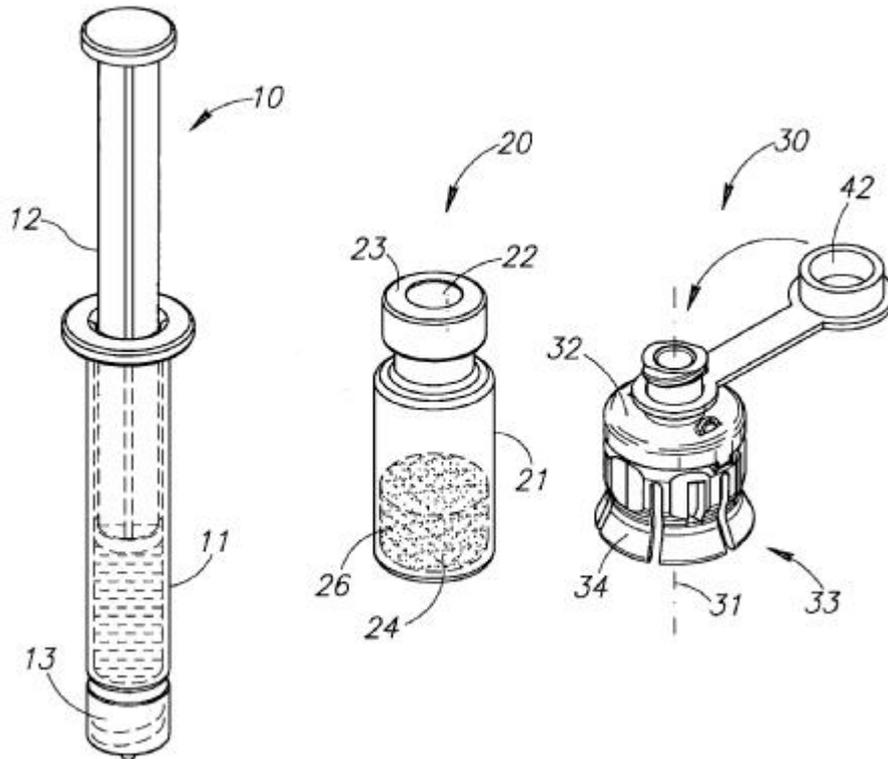
Connectors or adaptors which enable or assist fluid communication between a vial and a syringe for extracting, mixing and/or dissolving medicines in preparation of an administration.

Examples of combination of a vial and a syringe for transferring or mixing their contents:

WO2005041846



WO2011104712



Tube connectors	<a href="#">A61M 39/10</a>
Devices aiding filling of syringes in situ	<a href="#">A61M 5/1782</a>

## A61J 1/22

with means for metering the amount of fluid

### Special rules of classification within this group

This group is not used. Following subgroups are used for searching and/or classifying:

Measuring volume	<a href="#">G01F 1/00</a> - <a href="#">G01F 25/00</a>
For fluid level	<a href="#">A61J 2200/76</a>

## A61J 3/00

Devices or methods specially adapted for bringing

**pharmaceutical products into particular physical or administering forms (chemical aspects, see the relevant classes)**

**Definition statement**

*This subclass/group covers:*

Apparatus, devices, or methods specially adapted for changing or fashioning bulk medicines, or their essential constituents, into pharmaceutical products having specific physical forms designed to either:

facilitate their accurate dispensing to, or proper usage by, humans (e.g., tablets of specified dosage),

enhance their desirability so as to improve their likelihood of being consumed or used (e.g., candy coated tablets, impregnated food, lubricated suppositories),

improve their ability to, or make them physically able to, be consumed or used (e.g., encapsulated fish oil, ointments), or

increase their effectiveness.

**References relevant to classification in this group**

*This subclass/group does not cover:*

Chemical aspects of medicinal compositions	<a href="#">A61K 9/00</a> - <a href="#">A61K 51/00</a>
--	--

**A61J 3/002**

**[N: Compounding apparatus specially for enteral or parenteral nutritive solutions (bottling liquids B67C)**

**Definition statement**

*This subclass/group covers:*

Compounding apparatus by which a plurality of medicinal or nutritive components are dosed and transferred through tubes in a bag. Compounding should take place in situ.

**References relevant to classification in this group**

*This subclass/group does not cover:*

Compounding which does not take place in situ, or industrial compounding	<a href="#">B65B 83/00B</a>
--	-----------------------------

Bottling liquids	<a href="#">B67C</a> , <a href="#">B67C 1/00</a>
------------------	--

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Mixers	<a href="#">B01F 13/1058</a>
Coin-freed apparatus for dispensing	<a href="#">G07F 11/00</a>

### A61J 3/005

[N: Coating of tablets or the like (coating of sweetmeats or confectionery A23G3/20; coating of granules in general B01J2/006)]

### Definition statement

*This subclass/group covers:*

Apparatus or devices for applying a coated layer to pharmaceutical tablets.

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Coating of sweetmeats or confectionery	<a href="#">A23G 3/20</a>
Coating of granules in general	<a href="#">B01J 2/006</a>

(Pharmaceutical compositions of) Coated pills or tablets	<a href="#">A61K 9/28</a>
---	---------------------------

### A61J 3/007

[N: Marking tablets or the like (apparatus for printing on tablets or the like B41F17/36)]

### Definition statement

*This subclass/group covers:*

Constructional or functional details of markings or labels of pharmaceutical tablets or capsules.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Apparatus for printing on tablets or the like	<a href="#">B41F 17/36</a>
Labels, RFID tags in general	<a href="#">G09F 3/00</a>
General identification or selection means	<a href="#">A61J 2205/00</a>
Tablet presses	<a href="#">B30B 11/00</a>

### **A61J 3/02**

**into the form of powders (pulverising in general B02C)**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Granules	<a href="#">A61K 9/16</a>
Process or devices for granulating material	<a href="#">B01J 2/00</a>
Pulverising in general	<a href="#">B02C</a>

### **A61J 3/06**

**into the form of pills, lozenges or dragees**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Preparation or treatment of foods or foodstuffs	<a href="#">A23L 1/00</a>
---	---------------------------

## A61J 3/07

into the form of capsules or similar small containers for oral use

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Microcapsules	<a href="#">A61K 9/16</a> , <a href="#">A61K 9/50</a> , <a href="#">B01J 13/02</a>
Preparation of capsules	<a href="#">A61K 9/48</a>
Capsules for inhalers	<a href="#">A61M 15/00</a> , <a href="#">B65D/00</a>
Packaging pills or tablets	<a href="#">B65B 5/103</a>

## A61J 3/10

into the form of compressed tablets (tablet presses B30B11/00)

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Preparation or treatment of foods or foodstuffs	<a href="#">A23L 1/00</a>
Tablets characterized by shape, structure or size	<a href="#">A61K 9/2072</a>
Tablet presses	<a href="#">B30B 11/00</a>

## A61J 7/00

Devices for administering medicines orally, e.g. spoons (calibrated capacity measures for fluids or fluent solid material G01F19/00; weighing spoons G01G19/56); Pill counting devices; Arrangements for time indication or reminder for taking medicine

### Definition statement

*This subclass/group covers:*

Apparatus, devices, or methods specially adapted for administering medications or pharmaceutical products to humans through their oral cavity.

Auxiliary appliances or accessories specially adapted for use with the apparatus, containers, or devices of the preceding paragraphs to facilitate either:

the proper dispensation or usage of medications or pharmaceutical products (e.g., medication reminders, pill counters) or

the taking of food orally by humans.

### References relevant to classification in this group

*This subclass/group does not cover:*

Calibrated capacity measures for fluids or fluent solid material	<a href="#">G01F 19/00</a>
Weighing spoons	<a href="#">G01G 19/56</a>

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Sweetmeats, confectionary	<a href="#">A23G 3/00</a>
Drinking straws	<a href="#">A47G 21/18</a>

### Special rules of classification within this group

Means for oral administration should always be classified in [A61J 7/0015](#) - [A61J 7/0061](#) or [A61J 7/0015](#) - [A61J 7/0061](#).

## A61J 7/0023

[N: Spoons]

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Household spoons	<a href="#">A47G 21/04</a>
Measuring spoons	<a href="#">G01F 19/002</a>

---

## A61J 7/0038

[N: Straws]

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Drinking straws	<a href="#">A47G 21/18</a>
-----------------	----------------------------

## A61J 7/0046

[N: Cups, bottles or bags]

## A61J 7/0053

[N: Syringes, pipettes or oral dispensers]

## A61J 7/0061

[N: Swallow helping devices, e.g. tongue shields]

## A61J 7/0069

[N: Trays for holding or distributing medicines (display trays A47F3/14; serving trays A47G23/06)]

### References relevant to classification in this group

This subclass/group does not cover:

Display trays	<a href="#">A47F 3/14</a>
Serving trays	<a href="#">A47G 23/06</a>

## A61J 7/0076

[N: Medicament distribution means (with pill counting devices A61J7/02; with time indication A61J7/04; containers or packages with special means for dispensing contents B65D83/00)]

## Definition statement

*This subclass/group covers:*

Devices or containers for the distribution of a single type of medicine which is to be administered based on a personalised prescription.

## References relevant to classification in this group

*This subclass/group does not cover:*

Medicine cabinets	<a href="#">A47B 67/00</a>
-------------------	----------------------------

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Containers or packages with special means for dispensing contents	<a href="#">B65D 83/00</a>
"Active" dispensing means, e.g. dispensing by pressing a button	<a href="#">B65D 83/0409</a>
Distribution means having time indication means for indicating medicine administration time	<a href="#">A61J 7/04</a>
Distribution means comprising pill counting devices	<a href="#">A61J 7/02</a>

## Special rules of classification within this group

"Active" dispensing means, e.g. dispensing by pressing a button, should additionally be classified in [B65D 83/0409](#).

Distribution means having "non-active" dispensing means should additionally be classified in [A61J 1/03](#).

Distribution means dispensing directly into the mouth should additionally be classified in [A61J 7/0015](#) or [A61J 7/0015](#).

Distribution means having time indication means for indicating medicine administration time should be classified in [A61J 7/04](#).

Distribution means comprising pill counting devices should additionally be classified in [A61J 7/02](#).

## A61J 7/0084

[N: for multiple medicaments]

### Definition statement

*This subclass/group covers:*

Devices or containers for the distribution of multiple types or a combination of medicines which are to be administered based on a personalised prescription.

### Special rules of classification within this group

Distribution means for multiple medicaments having an emphasis on the packaging aspect should additionally be classified in [B65G 1/1373](#) or [B65B 5/103](#).

Distribution means for multiple medicaments having an emphasis on the mechanical aspect should additionally be classified in [G07F 11/00](#).

Distribution means for multiple medicaments having an emphasis on the medical or prescription data aspect should additionally be classified in [G06F 19/00M3M](#).

Distribution means for multiple medicaments having an emphasis on the data processing aspect should additionally be classified in [G06Q 10/00D](#).

## A61J 7/0092

[N: for holding medicines in, or fixing medicines on, a tooth, e.g. holder containing medicines fixed on a tooth (medicament applicators for teeth or gums A61C19/063)]

### References relevant to classification in this group

*This subclass/group does not cover:*

Medicament applicator for teeth or gums	<a href="#">A61C 19/063</a>
---	-----------------------------

## A61J 7/04

Arrangements for time indication or reminder for taking medicine, e.g. programmed dispensers

### Definition statement

*This subclass/group covers:*

Devices or containers comprising passive or mechanical means for time indication or reminder for taking medicine..

## Informative references

Attention is drawn to the following places, which may be of interest for search:

Prescription or delivery of medication, e.g. prescription filing, compliance checking	<a href="#">G06F 19/00M3M</a>
Containers having indication of dates or follow-numbers	<a href="#">L65D 83/04M1</a>

## Special rules of classification within this group

Details and accessories of the arrangements of [A61J 7/04](#) and its subgroups are classified in the following Indexing Codes and their subgroups:

With electronic history memory	<a href="#">A61J 2007/0418</a>
With direct interaction with a dispensing or delivery system	<a href="#">A61J 2007/0427</a>
Resulting from removing a drug from, or opening a container	<a href="#">A61J 2007/0436</a>
By preventing drug dispensing during a predetermined time period	<a href="#">A61J 2007/0445</a>
For multiple drugs	<a href="#">A61J 2007/0454</a>
For multiple patients	<a href="#">A61J 2007/0463</a>

Devices to be used in combination with blister packs should be given at least [A61J 1/035](#).

Devices used for checking compliance should also be classified in [A61J 2200/30](#).

## A61J 7/0409

[N: with timers]

## Definition statement

*This subclass/group covers:*

Devices or containers comprising active means for alerting a patient when the medicine should be taken.

## Glossary of terms

*In this subclass/group, the following terms (or expressions) are used with the meaning indicated:*

In this group, the following terms are used with the meaning indicated:

Timer	Clock or electronic device indicating daily, remaining or elapsed time.
-------	---

## A61J 9/00

### Feeding-bottles in general (electric heating elements H05B)

## Definition statement

*This subclass/group covers:*

Containers specially adapted for holding water or nutriment in fluid or fluent forms (e.g., feeding bottles) that is withdrawn by the sucking of infants, young children, or other humans (e.g., patients, disabled persons) on orally engaged portions or subcomponents of the containers.

## References relevant to classification in this group

*This subclass/group does not cover:*

Heating apparatus for feeding bottles	<a href="#">H01B 1/00</a> , <a href="#">H01B 6/00</a>
---------------------------------------	---

## Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Drinking cups	<a href="#">A47J 41/02</a>
---------------	----------------------------

## A61J 9/003

### [N: Vacuum feeding-bottles (vacuum bottles in general

## A47J41/02)]

### Definition statement

*This subclass/group covers:*

Thermo-isolated bottles using vacuum or other isolation means.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Vacuum bottles in general	<a href="#">A47J 41/02</a>
---------------------------	----------------------------

## A61J 9/02

### with thermometers

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Thermometers in general	<a href="#">G01K 1/00</a> - <a href="#">G01K 17/00</a>
-------------------------	--

## A61J 9/06

### Holders for bottles

### Special rules of classification within this group

Details of holders for bottles are classified in the following Indexing Codes and their subgroups:

Having aesthetic properties, e.g. toy-like or imitating a female breast	<a href="#">A61J 2009/0607</a>
Providing isolation	<a href="#">A61J 2009/0615</a>
Facilitating gripping	<a href="#">A61J 2009/0623</a>
Having a particular supporting function	<a href="#">A61J 2009/063</a>
Characterised by the type of support	<a href="#">A61J 2009/0653</a>

## A61J 9/08

### Protective covers for bottles

#### Definition statement

*This subclass/group covers:*

Protective covers which cover only the bottle itself.

#### References relevant to classification in this group

*This subclass/group does not cover:*

Protecting caps for the teat	<a href="#">A61J 11/008</a>
------------------------------	-----------------------------

## A61J 9/085

### [N: Lids for closing the bottle]

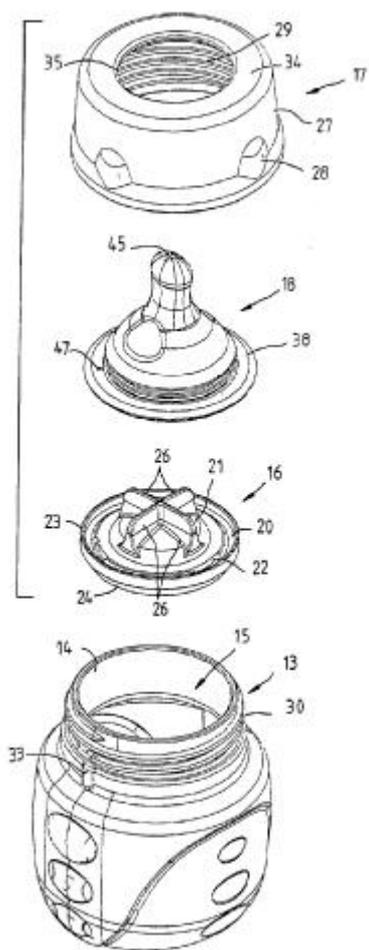
#### Definition statement

*This subclass/group covers:*

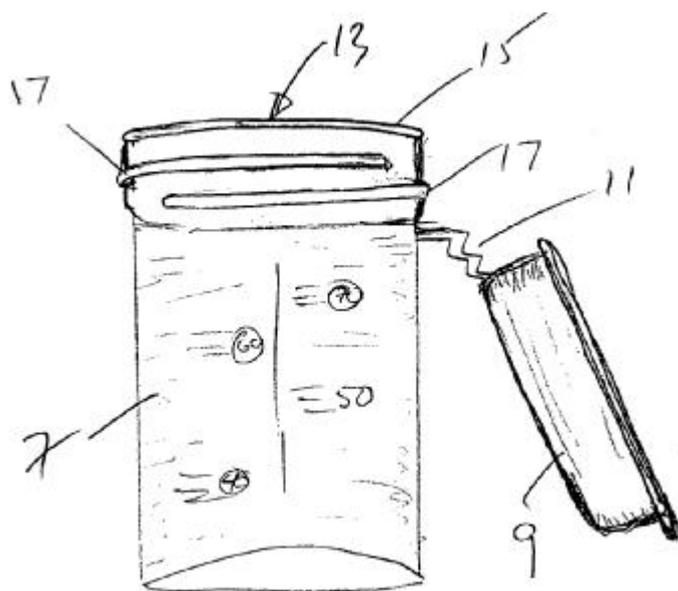
Lids which close only the bottle itself, for example, when the teat is removed to prevent spilling or leakage.

For example:

AU2009200949



US2006076309



## References relevant to classification in this group

*This subclass/group does not cover:*

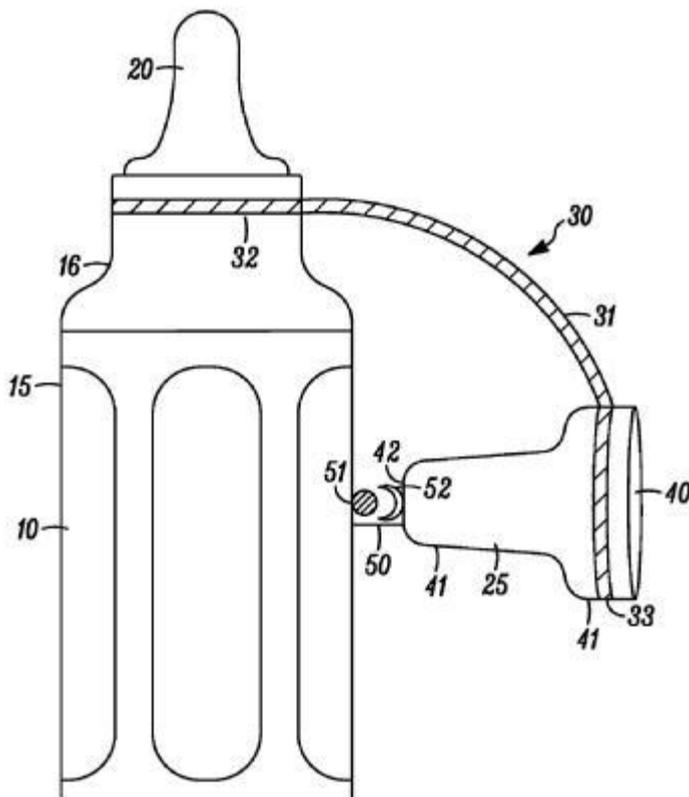
Protecting caps for the teat	<a href="#">A61J 11/008</a>
------------------------------	-----------------------------

## Special rules of classification within this group

Lids which stay attached or can be attached to the bottle after taken off and which also protect the teat are classified in [A61J 11/008](#).

For example:

US2009134112



## A61J 11/00

### Teats

### Definition statement

*This subclass/group covers:*

The orally engaged subcomponents per se of feeding bottles (e.g., compressible rubber teats for feeding bottles) which are specially adapted for infants, young children, or other humans to suck upon to withdraw water or nutriments in fluid or fluent forms from the containers.

## A61J 11/0005

**[N: having additional ports, e.g. for connecting syringes or straws (devices for administering medicines orally A61J7/00)]**

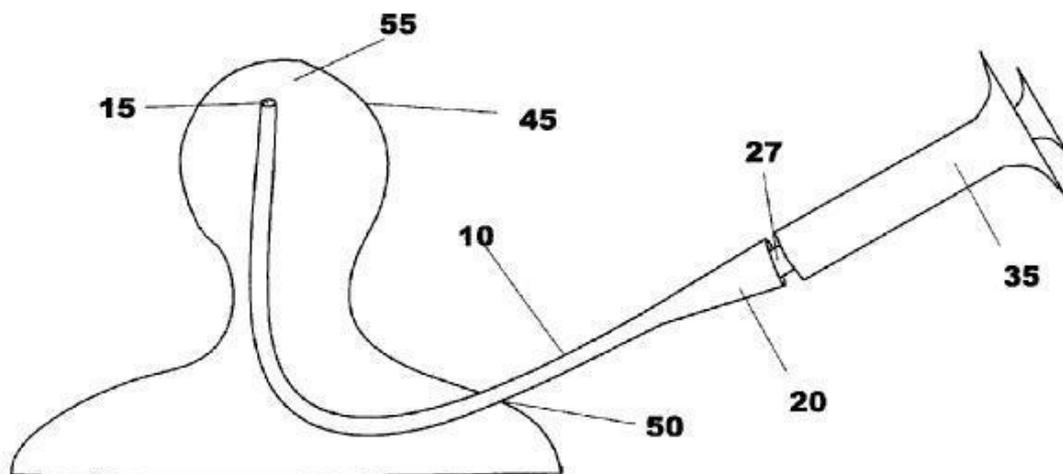
### Definition statement

*This subclass/group covers:*

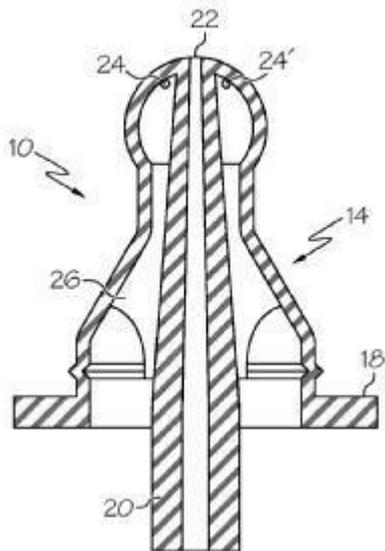
Teats which have the possibility of connecting an object, e.g. syringe, tube or straw.

For example:

US2006100603



US2008223807



## Informative references

Attention is drawn to the following places, which may be of interest for search:

Devices for administering medicines orally	<a href="#">A61J 7/00</a>
--	---------------------------

## Special rules of classification within this group

Devices for administering medicines orally should additionally be classified in [A61J 7/00](#) - [A61J 7/04](#).

### A61J 11/001

**[N: having means for regulating the flow rate]**

#### Definition statement

*This subclass/group covers:*

Teats having particular means for controlling the flow rate, which are different from a particular size or shape of the opening, or valves.

### A61J 11/0015

**[N: by size or shape of the opening]**

#### Definition statement

*This subclass/group covers:*

Teats where the flow rate is controlled by the size, shape, orientation or deformation properties of the openings of the nipple.

For example:

FR1397427



## A61J 11/002

[N: by using valves]

### Definition statement

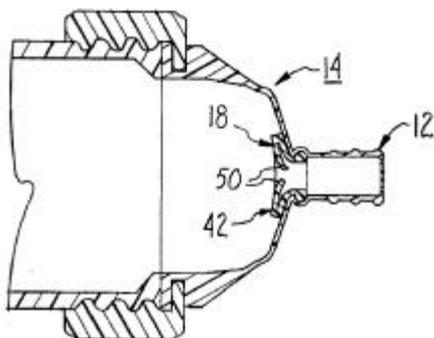
*This subclass/group covers:*

:

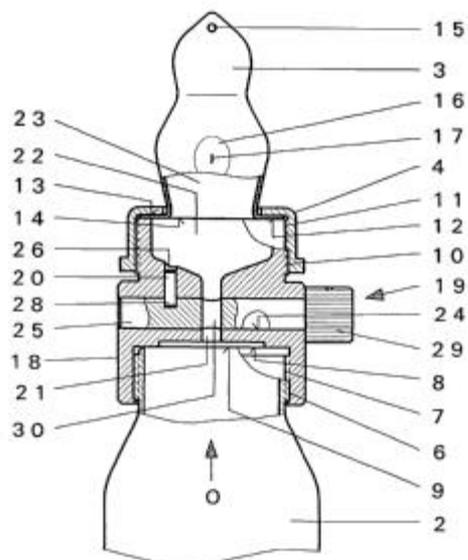
Teats where the flow rate is controlled by the use of valves located in or on the teat.

For example:

US5553726



DE20002990U



## A61J 11/005

[N: for imitating a nipple]

### Definition statement

*This subclass/group covers:*

Teats where specific details for resembling a natural teat of a mother are described, either to mimic its appearance or its behaviour during feeding.

## A61J 11/008

[N: Protecting caps]

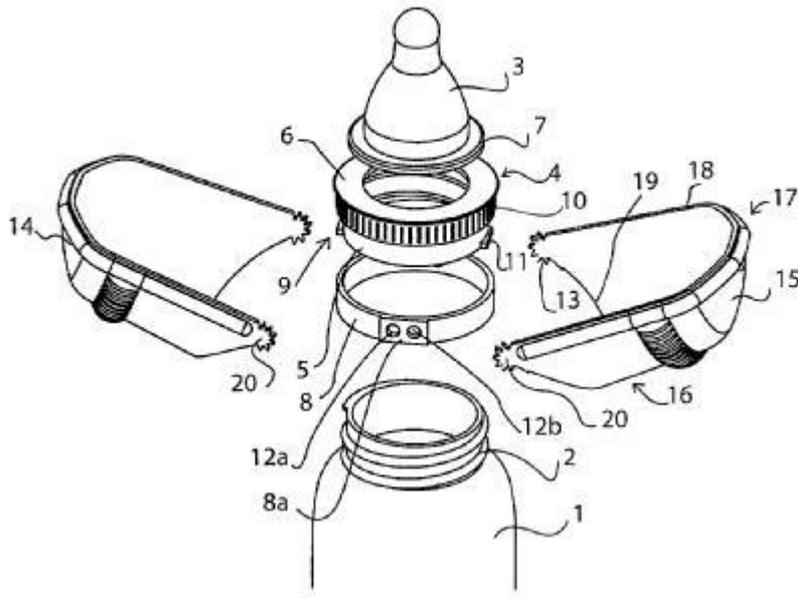
### Definition statement

*This subclass/group covers:*

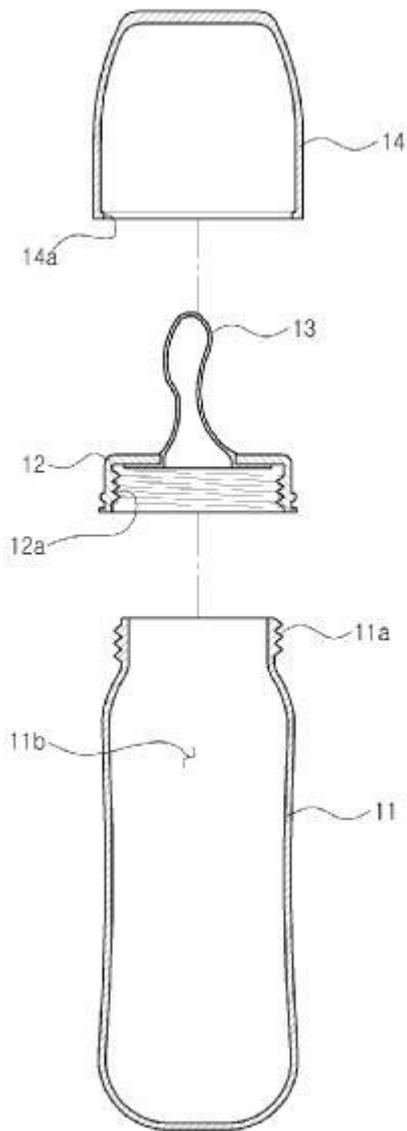
Caps for protecting the teat.

For example:

FR2921827



WO2009008643



## A61J 11/0095

[N: Seal rupturing means (containers having several compartments for products to be mixed A61J1/2093)]

### Definition statement

*This subclass/group covers:*

Components or elements which are associated with the teat which assist in opening the separation means that prevents the bottle from being used correctly.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Containers having several compartments for products to be mixed	<a href="#">A61J 1/2093</a>
---	-----------------------------

### Special rules of classification within this group

Containers having several compartments for products to be mixed should additionally be classified in [A61J 1/2093](#).

## A61J 11/02

with means for supplying air

### References relevant to classification in this group

*This subclass/group does not cover:*

Venting means which form part of the bottle	<a href="#">A61J 9/04</a>
---	---------------------------

## A61J 13/00

Breast-nipple shields (breast-pumps A61M1/06))

### Definition statement

*This subclass/group covers:*

Devices specially adapted to prevent irritation of the teat portion of the mammary gland of humans from abrasive or rubbing contact.

### References relevant to classification in this group

*This subclass/group does not cover:*

Breast pumps	<a href="#">A61M 1/06</a>
--------------	---------------------------

## A61J 15/00

Feeding-tubes for therapeutic purposes (drinking tubes as tableware A47G21/18)

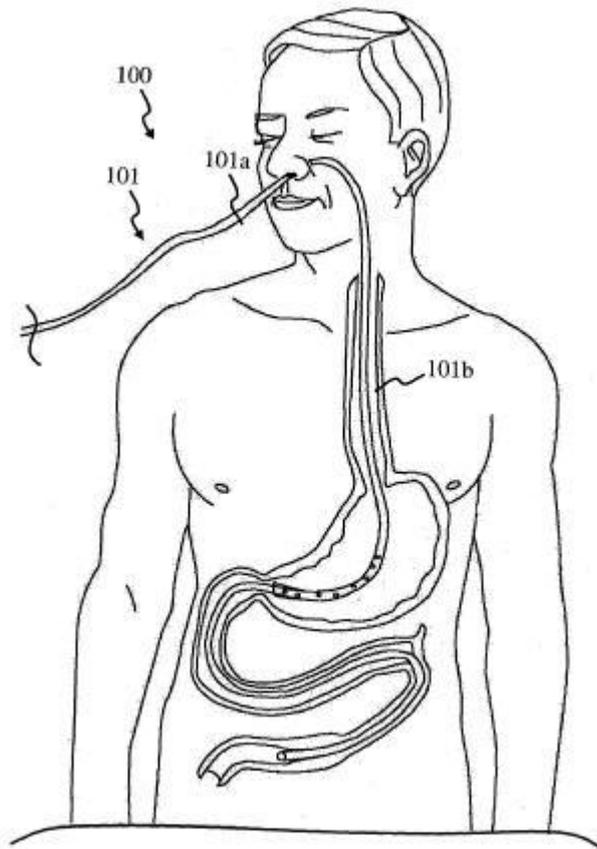
### Definition statement

*This subclass/group covers:*

Hollow flexible conduits specially adapted, or solely intended, for the purpose of providing nutriment in fluid or fluent forms to humans by insertion of the conduits into an orifice of their bodies (e.g., enteral feeding using functioning gastrointestinal tract).

For example:

EP2067465



### References relevant to classification in this group

*This subclass/group does not cover:*

Drinking tubes as tableware	<a href="#">A47G 21/18</a>
Infusion feeding pumps	<a href="#">A61M 5/142</a>
Enteral feeding products	<a href="#">A61M 2202/0482</a>

**A61J 15/0015**

**[N: Gastrostomy feeding-tubes (insertion tools or methods A61B17/34 )]**

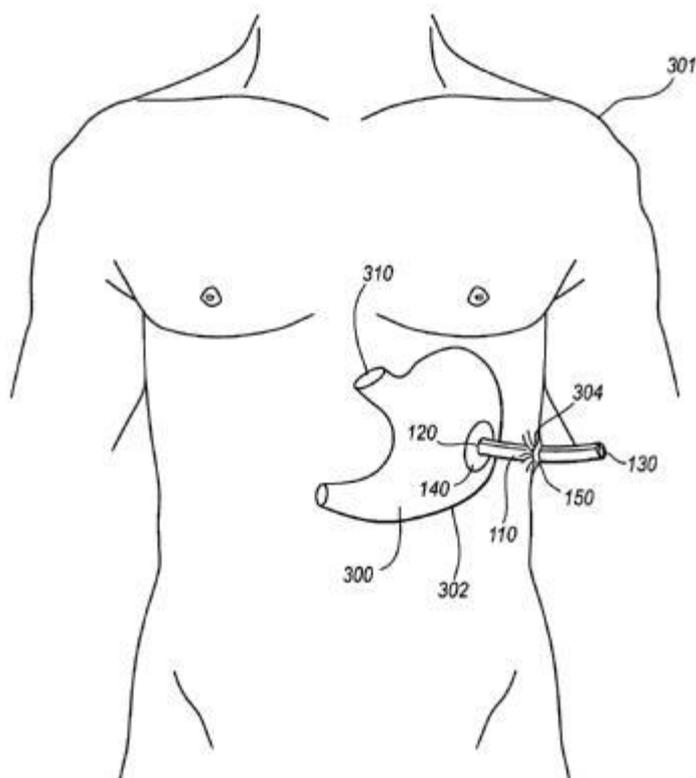
**Definition statement**

*This subclass/group covers:*

Hollow flexible conduits specially adapted, or solely intended, for the purpose of providing nutriment in fluid or fluent forms to humans by insertion of the conduits into an orifice in the patient's abdomen.

For example:

US2005267415:



**References relevant to classification in this group**

*This subclass/group does not cover:*

Devices or methods for introducing tubes or catheters	<a href="#">A61B 17/3415</a>
---	------------------------------

**A61J 17/00**

**Baby-comforters; Teething rings**

## Definition statement

*This subclass/group covers:*

Devices that are not designed to be ingestible and are specially adapted, or solely intended, for either:

soothing, calming, or relaxing infants or young children by relieving a physical craving (e.g., oral pacifier) or

allowing infants or young children to relieve minor irritations or inflammations themselves through usage of the devices (e.g., teething devices for gum irritation).

## Special rules of classification within this group

Details on baby-comforters or teething rings are classified in the following Indexing Codes:

With music box	<a href="#">A61J 2017/002</a>
With thermometer	<a href="#">A61J 2017/003</a>
Light-emitting	<a href="#">A61J 2017/005</a>
Releasing medication	<a href="#">A61J 2017/006</a>
Mounted on soft cushion or doll	<a href="#">A61J 2017/007</a>
With protective shield	<a href="#">A61J 2017/008</a>

## A61J 19/00

**Devices for receiving spittle, e.g. spittoons ([N: devices for taking sputum samples A61B10/0051]; for dentists A61C17/04)**

## Definition statement

*This subclass/group covers:*

Devices or receptacles specially adapted, or solely intended, for receiving spittle, phlegm, or other forms of naturally occurring oral discharge from humans.

## References relevant to classification in this group

*This subclass/group does not cover:*

This group does not cover, contrary to the IPC scheme:

Receptacles for taking saliva or sputum samples	<a href="#">A61B 10/0051</a>
Devices for receiving spittle for dentistry	<a href="#">A61C 17/04</a>
Suction or pumping devices	<a href="#">A61M 1/00</a>