

# CPC COOPERATIVE PATENT CLASSIFICATION

## A HUMAN NECESSITIES

### HEALTH; AMUSEMENT

#### A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

#### 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

##### WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00	Containers specially adapted for medical or pharmaceutical purposes (capsules or the like for oral use <a href="#">A61J 3/07</a> ; specially adapted for surgical or diagnostic appliances or instruments <a href="#">A61B 50/00</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</a> ; } containers for radioactive substances <a href="#">G21F 5/00</a> )	1/1456	. . . . {using liquid filters}
		1/1462	. . . {Containers with provisions for hanging, e.g. integral adaptations of the container (accessories for hanging the container <a href="#">A61J 1/16</a> , <a href="#">A61M 5/1414</a> )}
		1/1468	. . . {Containers characterised by specific material properties}
1/03	. for pills or tablets (containers with special dispensing means therefor <a href="#">B65D 83/04</a> )	1/1475	. . . {Inlet or outlet ports}
1/035	. . {Blister-type containers (blisters in general <a href="#">B65D 75/36</a> )}	1/1481	. . . . {with connection retaining means, e.g. thread or snap-fit}
1/05	. for collecting, storing or administering blood, plasma or medical fluids ({multiple bags systems for separating or storing blood components <a href="#">A61M 1/0209</a> ; Infusion or perfusion containers})	1/1487	. . . . {with friction fit, e.g. connecting tubes directly to a protruding port}
		1/1493	. . . {Containers with shape retaining means, e.g. to support the structure of the container during emptying or filling}
1/06	. . Ampoules or carpules (syringe ampoules or carpules <a href="#">A61M 5/28</a> )	1/16	. . . Holders for containers
1/062	. . . {Carpules}	1/165	. . . . {Cooled holders, e.g. for medications, insulin, blood, plasma (containers with thermal insulation in general <a href="#">B65D 81/38</a> ; ice-boxes <a href="#">F25D</a> )}
1/065	. . . {Rigid ampoules, e.g. glass ampoules}		
1/067	. . . {Flexible ampoules, the contents of which are expelled by squeezing}	1/18	. . . Arrangements for indicating condition of container contents, e.g. sterile condition
1/10	. . Bag-type containers	1/20	. . . Arrangements for transferring {or mixing} fluids, e.g. from vial to syringe
1/12	. . . with means for holding samples of contents		
1/14	. . Details {, e.g. provisions for hanging or shape retaining means}; Accessories therefor {, e.g. inlet or outlet ports, filters or caps} ( <a href="#">A61J 7/00</a> takes precedence; {plugs or stoppers <a href="#">B65D 51/00</a> ; } openers <a href="#">B65D</a> , <a href="#">B67B 7/00</a> )	1/2003	. . . . {Accessories used in combination with means for transfer or mixing of fluids, e.g. for activating fluid flow, separating fluids, filtering fluid or venting}
		1/2006	. . . . . {Piercing means}
1/1406	. . . {Septums, pierceable membranes}	1/201	. . . . . {having one piercing end}
1/1412	. . . {Containers with closing means, e.g. caps (plugs for containers <a href="#">B65D 51/00</a> )}	1/2013	. . . . . {having two piercing ends}
		1/2017	. . . . . {having three or more piercing ends}
1/1418	. . . . {Threaded type}	1/202	. . . . . {Separating means}
1/1425	. . . . {Snap-fit type}	1/2024	. . . . . {having peelable seals}
1/1431	. . . . {Permanent type, e.g. welded or glued}	1/2027	. . . . . {having frangible parts}
1/1437	. . . {Locking means requiring key or combination to open the container}	1/2031	. . . . . {having openings brought into alignment}
1/1443	. . . {Containers with means for dispensing liquid medicaments in a filtered or sterile way, e.g. with bacterial filters}	1/2034	. . . . . {having separation clips}
		1/2037	. . . . . {having valve means}
1/145	. . . . {using air filters}	1/2041	. . . . . {having removable plugs}
		1/2044	. . . . . {having slits}

- 1/2048 . . . . . {Connecting means}
- 1/2051 . . . . . {having tap means, e.g. tap means activated by sliding}
- 1/2055 . . . . . {having gripping means}
- 1/2058 . . . . . {having multiple connecting ports}
- 1/2062 . . . . . {with directional valves}
- 1/2065 . . . . . {having aligning and guiding means}
- 1/2068 . . . . . {Venting means}
- 1/2072 . . . . . {for internal venting}
- 1/2075 . . . . . {for external venting}
- 1/2079 . . . . . {Filtering means}
- 1/2082 . . . . . {for gas filtration}
- 1/2086 . . . . . {for fluid filtration}
- 1/2089 . . . . . {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 [A61J 1/2096](#))}
- 1/2093 . . . . . {Containers having several compartments for products to be mixed}
- 1/2096 . . . . . {Combination of a vial and a syringe for transferring or mixing their contents}
- 1/22 . . . . . with means for metering the amount of fluid
- 3/00** **Devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms (chemical aspects, [see the relevant classes](#))**
- 3/002 . {Compounding apparatus specially for enteral or parenteral nutritive solutions ([bottling liquids B67C](#))}
- 3/005 . {Coating of tablets or the like (coating of sweetmeats or confectionery [A23G 3/20](#); coating of granules in general [B01J 2/006](#))}
- 3/007 . {Marking tablets or the like (apparatus for printing on tablets or the like [B41F 17/36](#))}
- 3/02 . into the form of powders ([pulverising in general B02C](#))
- 3/04 . into the form of ointments
- 3/06 . into the form of pills, lozenges or dragees
- 3/07 . into the form of capsules or similar small containers for oral use
- 3/071 . . {into the form of telescopically engaged two-piece capsules}
- 3/072 . . . {Sealing capsules, e.g. rendering them tamper-proof}
- 3/074 . . . {Filling capsules; Related operations}
- 3/075 . . . . {Manually operated filling apparatus}
- 3/077 . . . {Manufacturing capsule shells}
- 3/078 . . {into the form of wafers or cachets}
- 3/08 . into the form of suppositories or sticks
- 3/10 . into the form of compressed tablets ([tablet presses B30B 11/00](#))

**Administering medicines orally; Feeding-bottles in general; Teats; Devices for receiving spittle**

- 7/00** **Devices for administering medicines orally, e.g. spoons (calibrated capacity measures for fluids or fluent solid material [G01F 19/00](#); weighing spoons [G01G 19/56](#)); Pill counting devices; Arrangements for time indication or reminder for taking medicine**
- 7/0007 . {Pill breaking or crushing devices}
- 7/0015 . {Devices specially adapted for taking medicines}
- 7/0023 . . {Spoons}

- 7/003 . . {Sticks, e.g. lollipops with drug release}
- 7/0038 . . {Straws}
- 7/0046 . . {Cups, bottles or bags}
- 7/0053 . . {Syringes, pipettes or oral dispensers}
- 7/0061 . . {Swallow helping devices, e.g. tongue shields}
- 7/0069 . {Trays for holding or distributing medicines ([display trays A47F 3/14](#); [serving trays A47G 23/06](#))}
- 7/0076 . {Medicament distribution means (with pill counting devices [A61J 7/02](#); with time indication [A61J 7/04](#); containers or packages with special means for dispensing contents [B65D 83/00](#))}
- 7/0084 . . {for multiple medicaments}
- 7/0092 . {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 [A61C 19/063](#))}
- 7/02 . Pill counting devices
- 7/04 . Arrangements for time indication or reminder for taking medicine, e.g. programmed dispensers
- 7/0409 . . {with timers}
- 7/0418 . . . {with electronic history memory}
- 7/0427 . . . {with direct interaction with a dispensing or delivery system}
- 7/0436 . . . . {resulting from removing a drug from, or opening, a container}
- 7/0445 . . . . {for preventing drug dispensing during a predetermined time period}
- 7/0454 . . . {for dispensing of multiple drugs}
- 7/0463 . . . {for multiple patients}
- 7/0472 . . . {of the count-down type, i.e. counting down a predetermined interval after each reset}
- 7/0481 . . . {working on a schedule basis}
- 7/049 . . . . {automatically changing in response to a schedule deviation by the patient}
- 9/00** **Feeding-bottles in general**
- 9/001 . {with inner liners}
- 9/003 . {Vacuum feeding-bottles ([vacuum bottles in general A47J 41/02](#))}
- 9/005 . {Non-rigid or collapsible feeding-bottles}
- 9/006 . {having elongated tubes, e.g. for drinking from bottle in upright position}
- 9/008 . {having storage compartments, e.g. for storing a teat}
- 9/02 . with thermometers
- 9/04 . with means for supplying air
- 9/06 . Holders for bottles
- 9/0607 . . {having aesthetic features, e.g. toy-like or imitating a female breast}
- 9/0615 . . {providing isolation}
- 9/0623 . . {facilitating gripping}
- 9/063 . . {having a particular supporting function}
- 9/0638 . . . {for supporting in a feeding position}
- 9/0646 . . . {for supporting only in a non-feeding position}
- 9/0653 . . {characterised by the type of support}
- 9/0661 . . . {attachable to other devices or furniture, e.g. crib, commode or stroller}
- 9/0669 . . . {supported by the infant}
- 9/0676 . . . {supported by the caregiver}
- 9/0684 . . . {having a self-supporting base}
- 9/0692 . . . {comprising a flexible arm}
- 9/08 . Protective covers for bottles

9/085	. . {Lids for closing the bottle}	15/0049	. . . . {Inflatable Balloons ( <a href="#">balloon catheters A61M 25/10</a> )}
<b>11/00</b>	<b>Teats</b>	15/0053	. . {Means for fixing the tube outside of the body, e.g. by a special shape, by fixing it to the skin (holding devices, e.g. on the body <a href="#">A61M 25/02</a> , mouthpieces for tracheal tubes <a href="#">A61M 16/0488</a> ; transcutaneous access sites <a href="#">A61M 39/0247</a> )}
11/0005	. {having additional ports, e.g. for connecting syringes or straws ( <a href="#">devices for administering medicines orally A61J 7/00</a> )}	15/0057	. . . {fixing a tube end, i.e. tube not protruding the fixing means}
11/001	. {having means for regulating the flow rate}	15/0061	. . . {fixing at an intermediate position on the tube, i.e. tube protruding the fixing means}
11/0015	. . {by size or shape of the opening}	15/0065	. . . {Fixing means and tube being one part}
11/002	. . {by using valves}	15/0069	. . {Tubes feeding directly to the intestines, e.g. to the jejunum}
11/0025	. {having filters}	15/0073	. . {Multi-lumen tubes}
11/003	. {having means for incorporating a mother's scent}	15/0076	. . {Feeding pumps ( <a href="#">A61M 1/00</a> , <a href="#">A61M 5/142</a> , <a href="#">A61M 25/1018</a> take precedence)}
11/0035	. {having particular shape or structure}	15/008	. . {Sensor means, e.g. for sensing reflux, acidity or pressure ( <a href="#">sensors for diagnostic purposes A61B 5/00</a> ; sensors for inflation control <a href="#">A61M 25/1018</a> )}
11/004	. . {angled, e.g. in respect to the bottle}	15/0084	. . . {for sensing parameters related to the patient}
11/0045	. . {Aesthetic properties}	15/0088	. . . {for sensing parameters related to the device}
11/005	. . . {for imitating a nipple}	15/0092	. . {Valves on feeding tubes ( <a href="#">tube valves A61M 39/22</a> )}
11/0055	. . . {for soothing, e.g. toy-like}	15/0096	. . {Provisions for venting}
11/006	. . {for improving flexibility}	<b>17/00</b>	<b>Baby-comforters; Teething rings</b>
11/0065	. . {for improving rigidity, e.g. anti-bite-through or anti-collapsing}	17/001	. {Baby-comforters}
11/007	. {having orthodontic properties, e.g. for promoting correct teeth development}	17/02	. Teething rings
11/0075	. {Accessories therefor}	17/10	. {Details; Accessories therefor}
11/008	. . {Protecting caps}	17/101	. . {Emitting means, e.g. for emitting sound, light, scents or flavours}
11/0085	. . . {with means for preventing leakage}	17/1011	. . . {Emitting sound, e.g. having rattles or music boxes}
11/009	. . {Puncturing tools, e.g. for creating an opening in the teat}	17/1012	. . . {Emitting light}
11/0095	. . {Seal rupturing means ( <a href="#">containers having several compartments for products to be mixed A61J 1/2093</a> )}	17/103	. . {Temperature sensing means}
11/02	. with means for supplying air	17/105	. . {Nipple attachments}
11/04	. with means for fastening to bottles	17/107	. . {having specific orthodontic properties}
11/045	. . {with interlocking means, e.g. protrusions or indentations on the teat}	17/109	. . {Decorative elements}
<b>13/00</b>	<b>Breast-nipple shields (<a href="#">breast-pumps A61M 1/06</a>)</b>	17/111	. . {Holders therefor, e.g. to prevent loss or to hold in place}
<b>15/00</b>	<b>Feeding-tubes for therapeutic purposes</b>	17/1111	. . . {conjoined with soft cushions or toys}
15/0003	. {Nasal or oral feeding-tubes, e.g. tube entering body through nose or mouth}	17/1115	. . . {Straps, cords or chains}
15/0007	. . {inserted by using a guide-wire ( <a href="#">guide wires A61M 25/09</a> )}	17/113	. . {Protective covers therefor, e.g. for protecting during disuse}
15/0011	. {Feeding-tubes for delivery of nourishment to the mouth; Mouth pieces therefor ( <a href="#">breast-nipple shields A61J 13/00</a> ; mouth pieces for drinking straws <a href="#">A47G 21/185</a> ; straws to take medicine <a href="#">A61J 7/0038</a> , mouthpieces for tracheal tubes <a href="#">A61M 16/0488</a> )}	<b>19/00</b>	<b>Devices for receiving spittle, e.g. spittoons (for <a href="#">dentists A61C 17/14</a>)</b>
15/0015	. {Gastrostomy feeding-tubes ( <a href="#">insertion tools or methods A61B 17/34</a> )}	19/02	. Sputum flasks
15/0019	. . {inserted by using a pull-wire}	19/04	. Spittoons with water supply
15/0023	. . {inserted by using a sheath}	19/06	. Combustible sputum cups
15/0026	. {Parts, details or accessories for feeding-tubes ( <a href="#">external tubes from medical containers to a connector outside of the body A61M 39/08</a> )}		
15/003	. . {Means for fixing the tube inside the body, e.g. balloons, retaining means ( <a href="#">holding devices holding in the body A61M 25/04</a> )}	<b>2200/00</b>	<b>General characteristics or adaptations</b>
15/0034	. . . {Retainers adjacent to a body opening to prevent that the tube slips through, e.g. bolsters}	2200/10	. Coring prevention means, e.g. for plug or septum piecing members
15/0038	. . . . {expandable, e.g. umbrella type}	2200/20	. Extrusion means, e.g. for producing pharmaceutical forms
15/0042	. . . . . {inflatable}	2200/30	. Compliance analysis for taking medication
15/0046	. . . {Expandable retainers inside body lumens of the enteral tract, e.g. fixing by radially contacting a lumen wall}	2200/40	. Heating or cooling means; Combinations thereof
		2200/42	. . Heating means
		2200/44	. . Cooling means

## A61J

- 2200/50 . Insulating means
- 2200/60 . biodegradable
- 2200/70 . Device provided with specific sensor or indicating means
- 2200/72 . . for temperature
- 2200/74 . . for weight
- 2200/76 . . for fluid level

### **2205/00 General identification or selection means**

- 2205/10 . Bar codes
- 2205/20 . Colour codes
- 2205/30 . Printed labels
- 2205/40 . by shape or form, e.g. by using shape recognition
- 2205/50 . using icons or symbolic figures, e.g. by a graphical representation symbolising the type of pathology or the organ by an image
- 2205/60 . using magnetic or electronic identifications, e.g. chips, RFID, electronic tags
- 2205/70 . Audible labels, e.g. for pre-recorded info or messages