

# 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 50/30</a> ; containers for radioactive substances <a href="#">G21F 5/00</a> )	1/12	. . . with means for holding samples of contents
1/03	. for pills or tablets (containers for pills or tablets with special dispensing means therefor <a href="#">B65D 83/04</a> )		<b><u>WARNING</u></b>
1/035	. . {Blister-type containers (blisters in general <a href="#">B65D 75/36</a> )}		Group <a href="#">A61J 1/12</a> is impacted by reclassification into groups <a href="#">C12N 5/54</a> - <a href="#">C12N 5/548</a> .
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}		Groups <a href="#">A61J 1/12</a> and <a href="#">C12N 5/54</a> - <a href="#">C12N 5/548</a> should be considered in order to perform a complete search.
1/06	. . Ampoules or carpules (syringe ampoules or carpules <a href="#">A61M 5/28</a> )	1/14	. Details; Accessories therefor ( <a href="#">A61J 7/00</a> takes precedence; openers <a href="#">B65D</a> , <a href="#">B67B 7/00</a> )
1/062	. . . {Carpules}	1/1406	. . . {Septums, pierceable membranes}
1/065	. . . {Rigid ampoules, e.g. glass ampoules}	1/1412	. . . {Containers with closing means, e.g. caps}
1/067	. . . {Flexible ampoules, the contents of which are expelled by squeezing}	1/1418	. . . {Threaded type}
1/10	. . Bag-type containers	1/1425	. . . {Snap-fit type}
	<b><u>WARNING</u></b>	1/1431	. . . {Permanent type, e.g. welded or glued}
	Group <a href="#">A61J 1/10</a> is incomplete pending reclassification of documents from group <a href="#">A01N 1/146</a> .	1/1437	. . {Locking means requiring key or combination to open the container}
	Group <a href="#">A61J 1/10</a> is also impacted by reclassification into groups <a href="#">C12N 5/54</a> - <a href="#">C12N 5/548</a> .	1/1443	. . {Containers with means for dispensing liquid medicaments in a filtered or sterile way, e.g. with bacterial filters}
	Groups <a href="#">A01N 1/146</a> , <a href="#">A61J 1/10</a> and <a href="#">C12N 5/54</a> - <a href="#">C12N 5/548</a> should be considered in order to perform a complete search.	1/145	. . . {using air filters}
		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="#">A61M 5/1414</a> )}
		1/1468	. . {Containers characterised by specific material properties}
		1/1475	. . {Inlet or outlet ports}
		1/1481	. . . {with connection retaining means, e.g. thread or snap-fit}
		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}

1/16 . . Holders for containers

**WARNING**

Group [A61J 1/16](#) is impacted by reclassification into groups [C12N 5/54](#) - [C12N 5/548](#).

Groups [A61J 1/16](#) and [C12N 5/54](#) - [C12N 5/548](#) should be considered in order to perform a complete search.

1/165 . . . {Cooled holders, e.g. for medications, insulin, blood or plasma}

**WARNING**

Group [A61J 1/165](#) is impacted by reclassification into groups [C12N 5/54](#) - [C12N 5/548](#).

Groups [A61J 1/165](#) and [C12N 5/54](#) - [C12N 5/548](#) should be considered in order to perform a complete search.

1/18 . . Arrangements for indicating condition of container contents, e.g. sterile condition

1/20 . . Arrangements for transferring {or mixing} fluids, e.g. from vial to syringe

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}

1/201 . . . . . {having one piercing end}

1/2013 . . . . . {having two piercing ends}

1/2017 . . . . . {having three or more piercing ends}

1/202 . . . . . {Separating means}

1/2024 . . . . . {having peelable seals}

1/2027 . . . . . {having frangible parts}

1/2031 . . . . . {having openings brought into alignment}

1/2034 . . . . . {having separation clips}

1/2037 . . . . . {having valve means}

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**

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}
- 11/00 Teats**
- 11/0005 . {having additional ports, e.g. for connecting syringes or straws ([devices for administering medicines orally A61J 7/00](#))}
- 11/001 . {having means for regulating the flow rate}
- 11/0015 . . {by size or shape of the opening}
- 11/002 . . {by using valves}
- 11/0025 . {having filters}
- 11/003 . {having means for incorporating a mother's scent}
- 11/0035 . {having particular shape or structure}
- 11/004 . . {angled, e.g. in respect to the bottle}
- 11/0045 . . {Aesthetic properties}
- 11/005 . . . {for imitating a nipple}
- 11/0055 . . . {for soothing, e.g. toy-like}
- 11/006 . . {for improving flexibility}
- 11/0065 . . {for improving rigidity, e.g. anti-bite-through or anti-collapsing}
- 11/007 . {having orthodontic properties, e.g. for promoting correct teeth development}
- 11/0075 . {Accessories therefor}
- 11/008 . . {Protecting caps}
- 11/0085 . . . {with means for preventing leakage}
- 11/009 . . {Puncturing tools, e.g. for creating an opening in the teat}
- 11/0095 . . {Seal rupturing means ([containers having several compartments for products to be mixed A61J 1/2093](#))}
- 11/02 . with means for supplying air
- 11/04 . with means for fastening to bottles
- 11/045 . . {with interlocking means, e.g. protrusions or indentations on the teat}
- 13/00 Breast-nipple shields ([breast-pumps A61M 1/06](#))**
- 15/00 Feeding-tubes for therapeutic purposes**
- 15/0003 . {Nasal or oral feeding-tubes, e.g. tube entering body through nose or mouth}
- 15/0007 . . {inserted by using a guide-wire ([guide wires A61M 25/09](#))}
- 15/0011 . {Feeding-tubes for delivery of nourishment to the mouth; Mouth pieces therefor ([breast-nipple shields A61J 13/00](#); [mouth pieces for drinking straws A47G 21/185](#); [straws to take medicine A61J 7/0038](#), [mouthpieces for tracheal tubes A61M 16/0488](#))}
- 15/0015 . {Gastrostomy feeding-tubes ([insertion tools or methods A61B 17/34](#))}
- 15/0019 . . {inserted by using a pull-wire}
- 15/0023 . . {inserted by using a sheath}
- 15/0026 . {Parts, details or accessories for feeding-tubes ([external tubes from medical containers to a connector outside of the body A61M 39/08](#))}
- 15/003 . . {Means for fixing the tube inside the body, e.g. balloons, retaining means ([holding devices holding in the body A61M 25/04](#))}
- 15/0034 . . . {Retainers adjacent to a body opening to prevent that the tube slips through, e.g. bolsters}
- 15/0038 . . . . {expandable, e.g. umbrella type}
- 15/0042 . . . . . {inflatable}
- 15/0046 . . . {Expandable retainers inside body lumens of the enteral tract, e.g. fixing by radially contacting a lumen wall}
- 15/0049 . . . . {Inflatable Balloons ([balloon catheters A61M 25/10](#))}
- 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 A61M 25/02](#), [mouthpieces for tracheal tubes A61M 16/0488](#); [transcutaneous access sites A61M 39/0247](#))}
- 15/0057 . . . {fixing a tube end, i.e. tube not protruding the fixing means}
- 15/0061 . . . {fixing at an intermediate position on the tube, i.e. tube protruding the fixing means}
- 15/0065 . . . {Fixing means and tube being one part}
- 15/0069 . . {Tubes feeding directly to the intestines, e.g. to the jejunum}
- 15/0073 . . {Multi-lumen tubes}
- 15/0076 . . {Feeding pumps ([A61M 1/00](#), [A61M 5/142](#), [A61M 25/1018](#) take precedence)}
- 15/008 . . {Sensor means, e.g. for sensing reflux, acidity or pressure ([sensors for diagnostic purposes A61B 5/00](#); [sensors for inflation control A61M 25/1018](#))}
- 15/0084 . . . {for sensing parameters related to the patient}
- 15/0088 . . . {for sensing parameters related to the device}

- 15/0092 . . {Valves on feeding tubes (tube valves [A61M 39/22](#))}
- 15/0096 . . {Provisions for venting}
- 17/00 Baby-comforters; Teething rings**
- 17/001 . {Baby-comforters}
- 17/02 . Teething rings
- 17/10 . {Details; Accessories therefor}
- 17/101 . . {Emitting means, e.g. for emitting sound, light, scents or flavours}
- 17/1011 . . . {Emitting sound, e.g. having rattles or music boxes}
- 17/1012 . . . {Emitting light}
- 17/103 . . {Temperature sensing means}
- 17/105 . . {Nipple attachments}
- 17/107 . . {having specific orthodontic properties}
- 17/109 . . {Decorative elements}
- 17/111 . . {Holders therefor, e.g. to prevent loss or to hold in place}
- 17/1111 . . . {conjoined with soft cushions or toys}
- 17/1115 . . . {Straps, cords or chains}
- 17/113 . . {Protective covers therefor, e.g. for protecting during disuse}
- 19/00 Devices for receiving spittle, e.g. spittoons (for dentists [A61C 17/14](#))**
- 19/02 . Sputum flasks
- 19/04 . Spittoons with water supply
- 19/06 . Combustible sputum cups

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**2200/00 General characteristics or adaptations**

- 2200/10 . Coring prevention means, e.g. for plug or septum piecing members
- 2200/20 . Extrusion means, e.g. for producing pharmaceutical forms
- 2200/30 . Compliance analysis for taking medication
- 2200/40 . Heating or cooling means; Combinations thereof
- 2200/42 . . Heating means
- 2200/44 . . Cooling means
- 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