

# 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 [A61J 3/07](#); specially adapted for surgical or diagnostic appliances or instruments [A61B 50/00](#); {antithrombogenic treatment of articles for conditioning blood [A61L 33/00](#); devices for introducing media into or onto the body [A61M](#); } containers for radioactive substances [G21F 5/00](#))

1/03 . for pills or tablets (containers with special dispensing means therefor [B65D 83/04](#))

1/035 . . {Blister-type containers (blisters in general [B65D 75/36](#))}

1/05 . for collecting, storing or administering blood, plasma or medical fluids {(multiple bags systems for separating or storing blood components [A61M 1/0209](#); Infusion or perfusion containers)}

1/06 . . Ampoules or carpules (syringe ampoules or carpules [A61M 5/28](#))

1/062 . . . {Carpules}

1/065 . . . {Rigid ampoules, e.g. glass ampoules}

1/067 . . . {Flexible ampoules, the contents of which are expelled by squeezing}

1/10 . . Bag-type containers

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} ([A61J 7/00](#) takes precedence; {plugs or stoppers [B65D 51/00](#); } openers [B65D](#), [B67B 7/00](#))

##### WARNING

Group [A61J 1/14](#) is impacted by reclassification into group [A61J 1/1468](#).

Groups [A61J 1/14](#) and [A61J 1/1468](#) should be considered in order to perform a complete search.

1/1406 . . . {Septums, pierceable membranes}

1/1412 . . . {Containers with closing means, e.g. caps (plugs for containers [B65D 51/00](#))}

##### WARNING

Group [A61J 1/1412](#) is impacted by reclassification into groups [A61J 1/1418](#) - [A61J 1/1431](#).

Groups [A61J 1/1412](#) and [A61J 1/1418](#) - [A61J 1/1431](#) should be considered in order to perform a complete search.

1/1418 . . . . {Threaded type}

##### WARNING

Groups [A61J 1/1418](#)- [A61J 1/1431](#) are incomplete pending reclassification of documents from groups [A61J 1/1412](#).

Groups [A61J 1/1412](#), [A61J 1/1418](#) - [A61J 1/1431](#) should be considered in order to perform a complete search.

1/1425 . . . . {Snap-fit type}

##### WARNING

Group(s) [A61J 1/1418](#)- [A61J 1/1431](#) is/ are incomplete pending reclassification of documents from group(s) [A61J 1/1412](#).

Groups [A61J 1/1412](#), [A61J 1/1418](#) - [A61J 1/1431](#) should be considered in order to perform a complete search.

1/1431 . . . . {Permanent type, e.g. welded or glued}

**WARNING**

Groups [A61J 1/1418](#)- [A61J 1/1431](#) are incomplete pending reclassification of documents from groups [A61J 1/1412](#).

Groups [A61J 1/1412](#), [A61J 1/1418](#) - [A61J 1/1431](#) should be considered in order to perform a complete search.

1/1437 . . . . {Locking means requiring key or combination to open the container}

1/1443 . . . . {Containers with means for dispensing liquid medicaments in a filtered or sterile way, e.g. with bacterial filters}

**WARNING**

Groups [A61J 1/1443](#) is impacted by reclassification into groups [A61J 1/145](#) - [A61J 1/1456](#).

Groups [A61J 1/1443](#) and [A61J 1/145](#) - [A61J 1/1456](#) should be considered in order to perform a complete search.

1/145 . . . . {using air filters}

**WARNING**

Groups [A61J 1/145](#)- [A61J 1/1456](#) are incomplete pending reclassification of documents from groups [A61J 1/1443](#).

Groups [A61J 1/1443](#), [A61J 1/145](#) - [A61J 1/1456](#) should be considered in order to perform a complete search.

1/1456 . . . . {using liquid filters}

**WARNING**

Groups [A61J 1/145](#)- [A61J 1/1456](#) are incomplete pending reclassification of documents from groups [A61J 1/1443](#).

Groups [A61J 1/1443](#), [A61J 1/145](#) - [A61J 1/1456](#) should be considered in order to perform a complete search.

1/1462 . . . . {Containers with provisions for hanging, e.g. integral adaptations of the container (accessories for hanging the container [A61J 1/16](#), [A61M 5/1414](#))}

1/1468 . . . . {Containers characterised by specific material properties}

**WARNING**

Group [A61J 1/1468](#) is incomplete pending reclassification of documents from group [A61J 1/14](#).

Groups [A61J 1/14](#) and [A61J 1/1468](#) should be considered in order to perform a complete search.

1/1475 . . . . {Inlet or outlet ports}

**WARNING**

Group [A61J 1/1475](#) is impacted by reclassification into groups [A61J 1/1481](#) - [A61J 1/1487](#).

Groups [A61J 1/1475](#) and [A61J 1/1481](#) - [A61J 1/1487](#) should be considered in order to perform a complete search.

1/1481 . . . . {with connection retaining means, e.g. thread or snap-fit}

**WARNING**

Groups [A61J 1/1481](#)- [A61J 1/1487](#) are incomplete pending reclassification of documents from group [A61J 1/1475](#).

Groups [A61J 1/1475](#), [A61J 1/1481](#) - [A61J 1/1487](#) should be considered in order to perform a complete search.

1/1487 . . . . {with friction fit, e.g. connecting tubes directly to a protruding port}

**WARNING**

Groups [A61J 1/1481](#)- [A61J 1/1487](#) are incomplete pending reclassification of documents from groups [A61J 1/1475](#).

Groups [A61J 1/1475](#), [A61J 1/1481](#) - [A61J 1/1487](#) should be considered in order to perform a complete search.

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

1/165 . . . . {Cooled holders, e.g. for medications, insulin, blood, plasma (containers with thermal insulation in general [B65D 81/38](#); ice-boxes [F25D](#))}

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

**WARNING**

Group [A61J 1/20](#) is impacted by reclassification into groups [A61J 1/2003](#) - [A61J 1/2086](#).

Groups [A61J 1/20](#) and [A61J 1/2003](#) - [A61J 1/2086](#) should be considered in order to perform a complete search.

- 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}
- WARNING**
- Groups [A61J 1/2003](#)- [A61J 1/2086](#) are incomplete pending reclassification of documents from groups [A61J 1/20](#).
- Groups [A61J 1/20](#), [A61J 1/2003](#) - [A61J 1/2086](#) should be considered in order to perform a complete search.
- 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 (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}

**WARNING**

Group [A61J 7/0409](#) is impacted by reclassification into groups [A61J 7/0418](#) - [A61J 7/0463](#).

Groups [A61J 7/0409](#) and [A61J 7/0418](#) - [A61J 7/0463](#) should be considered in order to perform a complete search.

7/0418 . . . {with electronic history memory}

**WARNING**

Groups [A61J 7/0418](#)- [A61J 7/0463](#) are incomplete pending reclassification of documents from groups [A61J 7/0409](#).

Groups [A61J 7/0409](#), [A61J 7/0418](#) - [A61J 7/0463](#) should be considered in order to perform a complete search.

7/0427 . . . {with direct interaction with a dispensing or delivery system}

**WARNING**

Groups [A61J 7/0418](#)- [A61J 7/0463](#) are incomplete pending reclassification of documents from groups [A61J 7/0409](#).

Groups [A61J 7/0409](#), [A61J 7/0418](#) - [A61J 7/0463](#) should be considered in order to perform a complete search.

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}

**WARNING**

Groups [A61J 7/0418](#)- [A61J 7/0463](#) are incomplete pending reclassification of documents from groups [A61J 7/0409](#).

Groups [A61J 7/0409](#), [A61J 7/0418](#) - [A61J 7/0463](#) should be considered in order to perform a complete search.

7/0463 . . . {for multiple patients}

**WARNING**

Groups [A61J 7/0418](#)- [A61J 7/0463](#) are incomplete pending reclassification of documents from groups [A61J 7/0409](#).

Groups [A61J 7/0409](#), [A61J 7/0418](#) - [A61J 7/0463](#) should be considered in order to perform a complete search.

7/0472 . . . {of the count-down type, i.e. counting down a predetermined interval after each reset}

7/0481 . . . {working on a schedule basis}

**WARNING**

Group [A61J 7/0481](#) is impacted by reclassification into group [A61J 7/049](#).

Groups [A61J 7/0481](#) and [A61J 7/049](#) should be considered in order to perform a complete search.

7/049 . . . . {automatically changing in response to a schedule deviation by the patient}

**WARNING**

Group [A61J 7/049](#) is incomplete pending reclassification of documents from group [A61J 7/0481](#).

Groups [A61J 7/0481](#) and [A61J 7/049](#) should be considered in order to perform a complete search.

**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

**WARNING**

Group [A61J 9/06](#) is impacted by reclassification into groups [A61J 9/0607](#) - [A61J 9/0692](#).

Groups [A61J 9/06](#) and [A61J 9/0607](#) - [A61J 9/0692](#) should be considered in order to perform a complete search.

9/0607 . . {having aesthetic features, e.g. toy-like or imitating a female breast}

**WARNING**

Groups [A61J 9/0607](#)- [A61J 9/0692](#) are incomplete pending reclassification of documents from groups [A61J 9/06](#).

Groups [A61J 9/06](#), [A61J 9/0607](#) - [A61J 9/0692](#) should be considered in order to perform a complete search.

9/0615 . . {providing isolation}

**WARNING**

Groups [A61J 9/0607](#)- [A61J 9/0692](#) are incomplete pending reclassification of documents from groups [A61J 9/06](#).

Groups [A61J 9/06](#), [A61J 9/0607](#) - [A61J 9/0692](#) should be considered in order to perform a complete search.

9/0623 . . {facilitating gripping}

**WARNING**

Groups [A61J 9/0607](#)- [A61J 9/0692](#) are incomplete pending reclassification of documents from groups [A61J 9/06](#).

Groups [A61J 9/06](#), [A61J 9/0607](#) - [A61J 9/0692](#) should be considered in order to perform a complete search.

- 9/063 . . {having a particular supporting function}

**WARNING**

Groups [A61J 9/0607](#) - [A61J 9/0692](#) are incomplete pending reclassification of documents from groups [A61J 9/06](#).

Groups [A61J 9/06](#), [A61J 9/0607](#) - [A61J 9/0692](#) should be considered in order to perform a complete search.

- 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}

**WARNING**

Groups [A61J 9/0607](#) - [A61J 9/0692](#) are incomplete pending reclassification of documents from groups [A61J 9/06](#).

Groups [A61J 9/06](#), [A61J 9/0607](#) - [A61J 9/0692](#) should be considered in order to perform a complete search.

- 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](#))}

**WARNING**

Group [A61J 15/0026](#) is impacted by reclassification into groups [A61J 15/0076](#) - [A61J 15/0088](#).

Groups [A61J 15/0026](#) and [A61J 15/0076](#) - [A61J 15/0088](#) should be considered in order to perform a complete search.

- 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)}

**WARNING**

Groups [A61J 15/0076](#)- [A61J 15/0088](#) are incomplete pending reclassification of documents from groups [A61J 15/0026](#).  
Groups [A61J 15/0026](#), [A61J 15/0076](#) - [A61J 15/0088](#) should be considered in order to perform a complete search.

- 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](#))}

**WARNING**

Groups [A61J 15/0076](#)- [A61J 15/0088](#) are incomplete pending reclassification of documents from groups [A61J 15/0026](#).  
Groups [A61J 15/0026](#), [A61J 15/0076](#) - [A61J 15/0088](#) should be considered in order to perform a complete search.

- 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****WARNING**

Group [A61J 17/00](#) is impacted by reclassification into groups [A61J 17/001](#) - [A61J 17/008](#).  
Groups [A61J 17/00](#) and [A61J 17/001](#) - [A61J 17/008](#) should be considered in order to perform a complete search.

- 17/001 . {Baby-comforters}

**WARNING**

Groups [A61J 17/001](#)- [A61J 17/008](#) are incomplete pending reclassification of documents from groups [A61J 17/00](#).  
Groups [A61J 17/00](#), [A61J 17/001](#) - [A61J 17/008](#) should be considered in order to perform a complete search.

- 17/002 . . {with music box}  
17/003 . . {with thermometer}  
17/005 . . {with light-emitting means}  
17/006 . . {releasing medication}  
17/007 . . {mounted on soft cushions or dolls}  
17/008 . . {with protective shields}  
17/02 . Teething rings

**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

**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