

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

- 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}
- 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

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