CPC  COOPERATIVE PATENT CLASSIFICATION

B  PERFORMING OPERATIONS; TRANSPORTING
  (NOTES omitted)

TRANSPORTING

B65  CONVEYING; PACKING; STORING; HANDLING THIN OR FILAMENTARY MATERIAL

B65D  CONTAINERS FOR STORAGE OR TRANSPORT OF ARTICLES OR MATERIALS, e.g. BAGS, BARRELS, BOTTLES, BOXES, CANS, CARTONS, CRATES, DRUMS, JARS, TANKS, HOPPERS, FORWARDING CONTAINERS; ACCESSORIES, CLOSURES, OR FITTINGS THEREFOR; PACKAGING ELEMENTS; PACKAGES

NOTES
1. In this subclass, the indexing codes of B65D 2519/00004 - B65D 2519/00995 should be added, if applicable
2. This subclass covers:
   • containers, packaging elements or packages with auxiliary means or provisions for displaying articles or materials;
   • methods of packaging which are wholly characterised by the form of the package produced or the form of the container or packaging element used, as distinct from the operations performed or the apparatus employed, which are covered by subclass B65B
3. This subclass, which is intended to be as comprehensive as possible, only excludes containers or packages of a nature clearly confined to a single other subclass, which are classified in that subclass
4. In this subclass, groups B65D 5/00, B65D 27/00, B65D 29/00, B65D 31/00 or B65D 65/00 include constructional features of foldable or erectable container or wrapper blanks as well as the containers or wrappers formed by folding or erecting such blanks
5. Containers, packaging elements or packages classified in group B65D 85/00, are also classified according to the constructional or functional features, if such features are of interest
6. In this subclass, the following terms or expressions are used with the meanings indicated:
   • "rigid or semi-rigid containers" includes:
     a. containers not deformed by, or not taking-up the shape of, their contents;
     b. containers adapted to be temporarily deformed to expel their contents;
     c. pallets;
     d. trays;
   • "flexible containers" includes:
     a. containers deformed by, or taking-up the shape of, their contents:
     b. containers adapted to be permanently deformed to expel their contents;
   • "packaging elements" includes:
     a. elements, other than containers, for covering, protecting, stiffening, or holding together articles or materials to be stored or transported;
     b. packaging materials of special type or form not provided for in other subclasses;
   • "packages" includes:
     a. combination of containers or packaging elements with articles or materials to be stored or transported;
     b. articles joined together for convenience of storage or transport;
   • "paper" includes materials, e.g. cardboard, plastic sheet materials, laminated materials, or metal foils, worked in a manner analogous to paper;
   • "large containers", in groups B65D 88/00 or B65D 90/00, means containers having about the size of containers used in container traffic, sometimes referred to as freight, forwarding or "ISO" (International Standardization) containers, or larger containers
7. Tamper-indicating means for containers or closures are classified in the group appropriate to the type of container of closure, e.g. B65D 5/54, B65D 17/00, B65D 27/30, B65D 27/30, B65D 27/34, B65D 33/34, B65D 41/32, B65D 47/36, B65D 49/12, B65D 51/20, B65D 55/06

WARNINGS
1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
   B65D 5/34  covered by B65D 5/325
   B65D 5/35  covered by B65D 5/325
   B65D 5/355 covered by B65D 5/0005
   B65D 5/43  covered by B65D 5/42
   B65D 5/462 covered by B65D 5/46008 - B65D 5/46032
2. 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.
General kinds of rigid or semi-rigid containers (large containers B65D 88/00)

1/00 Containers having bodies formed in one piece, e.g. by casting metallic material, by moulding plastics, by blowing vitreous material, by throwing ceramic material, by moulding pulped fibrous material, by deep-drawing operations performed on sheet material (by winding, bending, or folding paper B65D 3/0, B65D 5/0; specially constructed to be opened by cutting, piercing, or tearing of wall portions B65D 17/00; pallets B65D 19/00; details of bottles or of jars B65D 23/00; bundles of articles held together by packaging elements for convenience of storage or transport, e.g. portable segregating carriers for plural receptacles such as beer cans, pop bottles, B65D 71/00)

1/02 Bottles or similar containers with necks or like restricted apertures, designed for pouring contents (thermally-insulated containers B65D 81/38; A47J 41/00; [feeding-bottles A61J 9/00])

1/0207 [characterised by material, e.g. composition, physical features]

1/0215 [multilayered (B65D 81/3837 takes precedence)]

1/0223 [characterised by shape]

1/023 [Neck construction]

1/0238 [Integral frangible closures]

1/0246 [Closure retaining means, e.g. beads, screw-threads]

1/0253 [Means facilitating removal of the closure, e.g. cans, levers]

1/0261 [Bottom construction (B65D 1/06 takes precedence)]

1/0269 [Openers]

1/0276 [having a continuous contact surface, e.g. Champagne-type bottom]

1/0284 [having a discontinuous contact surface, e.g. discrete feet]

1/0292 [Foldable bottles]

1/04 Multi-cavity bottles

1/06 with closable apertures at bottom

1/08 adapted to discharge drops (droppers B65D 47/18)

1/09 Ampoules (specially adapted for medical or pharmaceutical purposes A61J 1/06)

1/095 [made of flexible material]

1/10 Jars, e.g. for preserving foodstuffs ([B65D 81/3837 takes precedence])

1/12 Cans, casks, barrels, or drums

1/14 characterised by shape

1/16 of curved cross-section, e.g. cylindrical

1/165 [Cylindrical cans]

1/18 of polygonal cross-section

1/20 characterised by location or arrangement of filling or discharge apertures

1/22 Boxes or like containers with side walls of substantial depth for enclosing contents ([B65D 43/162, B65D 81/02, B65D 81/3813 take precedence])

1/225 [Collapsible boxes]

1/24 with moulded compartments or partitions

1/243 [Crates for bottles or like containers]

1/246 [Cover elements inserted in crates]

1/26 Thin-walled containers, e.g. formed by deep-drawing operations ([B65D 1/165 takes precedence])

1/265 {Drinking cups (B65D 81/3865 takes precedence, holders for plastic cups A47G 23/0208)}

1/28 formed of laminated material

1/30 Groups of containers joined together end-to-end or side-by-side

1/32 Containers adapted to be temporarily deformed by external pressure to expel contents ([B65D 47/2018, B65D 83/053 takes precedence], containers for pharmaceutical purposes A61J 1/20, A61M 5/19; containers with disinfecting linings A61L 2/00; liquid sprayers B65B; oil cans F16N 3/00)

1/323 [the container comprising internally a dip tube through which the contents pass]

1/326 [the container comprising an, externally located, integrally formed tube through which the contents pass (integratedly formed suction tubes B65D 77/286)]

1/34 Trays or like shallow containers ([B65D 81/3813 takes precedence])

1/36 with moulded compartments or partitions

1/38 Baskets or like containers of skeleton or apertured construction ([crates for bottles or like containers B65D 1/2343])

1/40 Details of walls (other container details B65D 23/00, B65D 25/00)

1/42 Reinforcing or strengthening parts or members

1/44 Corrugations

1/46 Local reinforcements, e.g. adjacent closures

1/48 Reinforcements of dissimilar materials, e.g. metal frames in plastic walls

3/00 Rigid or semi-rigid containers having bodies or peripheral walls of curved or partially-curved cross-section made by winding or bonding paper without folding along defined lines

3/02 [characterised by shape]

3/04 essentially cylindrical

3/06 essentially conical or frusto-conical

3/08 having a cross-section of varying shape, e.g. circular merging into square or rectangular

3/10 characterised by form of integral or permanently secured end closure

3/12 Flanged discs permanently secured, e.g. by adhesives or by heat-sealing

3/14 Discs fitting within container end and secured by bending, rolling, or folding operations

3/16 Discs without flanges engaging a groove in the container body

3/18 and secured by rolling in the end of the body

3/20 with end portion of body adapted to be closed, by flattening or folding operations, e.g. formed with crease lines or flaps

3/22 with double walls; with walls incorporating air-chambers; with walls made of laminated material ([for thermal insulating purposes B65D 81/3818])

3/24 with several compartments

3/26 Opening arrangements or devices incorporated in, or attached to, containers

3/261 [the opening arrangement being located in the container side wall]

3/262 [forming a circumferential line of weakness]
General kinds of rigid or semi-rigid containers

5/00 Rigid or semi-rigid containers of polygonal cross-section, e.g. boxes, cartons or trays, formed by folding or erecting one or more blanks made of paper (rigid pallets with side walls B65D 19/002)

5/0005 . . . [of variable capacity]
5/001 . . . [stackable]
5/0015 . . . [the container being formed by folding up portions connected to a central panel]
5/002 . . . [having integral corner posts (B65D 5/0045 and B65D 5/0065 take precedence)]
5/0025 . . . [the corner posts being formed as a prolongation of a doubled-over extension of the side walls]
5/003 . . . [having ledges formed by extensions of the side walls (B65D 5/0045 and B65D 5/0065 take precedence)]
5/0035 . . . [the ledges being located between side walls and doubled-over extensions (B65D 5/0025 takes precedence)]
5/004 . . . . . . [with separate means inserted between the doubled-over side walls for preventing lateral motion between stacked crates, i.e. the elements themselves not presenting stacking features, e.g. "n" shaped wires]
5/0045 . . . . . . [having both integral corner posts and ledges]
5/005 . . . . . . [Separate or attached stacking elements]
5/0055 . . . . . . [saddling the side walls of the container (B65D 5/006 takes precedence)]
5/006 . . . . . . [Separate corner posts and like elements (B65D 5/0065 takes precedence)]
5/0065 . . . . . . [Separate elements inserted in or attached to integral corner posts or ledges]
5/007 . . . . . . [Wooden elements affixed to the container blank before or during erection]
5/0075 . . . . . . [Paper elements affixed to the container blank before or during erection]
5/008 . . . . . . [the container body having a pyramidal shape]
5/0085 . . . . . . [the container body comprising two mating compartments hinged together (B65D 77/006 takes precedence)]
5/009 . . . . . . [the container body comprising a set of interconnected cells, e.g. hinged one to another]
5/0095 . . . . . . [the container body having an L-shaped configuration]
5/02 . . . by folding or erecting a single blank to form a tubular body with or without subsequent folding operations, or the addition of separate elements, to close the ends of the body (B65D 5/36 takes precedence)
5/0209 . . . . . . [the tubular body having a curved or partially curved cross-section]
5/0218 . . . . . . [with end closures having an axially movable end wall; the end wall and body being reinforced by foldable panel-elements]
5/0227 . . . . . . [with end closures formed by inward folding of flaps and securing them by heat-sealing, by applying adhesive to the flaps or by staples]
5/0236 . . . . . . [with end closures formed by inward folding of flaps and securing them by adhesive tapes, labels or the like; for decoration purposes (B65D 5/4245, B65D 5/4262 take precedence)]
5/0245 . . . . . . [with end closures formed by inward folding of flaps, to form a sunken or hollow end wall, e.g. for the packaging of books (internal supporting elements B65D 5/50)]
5/0254 . . . . . . [with end closures formed by inward folding of flaps and securing them by means of a tongue integral with one of the flaps]
5/0263 . . . . . . [with end closures formed by inward folding of flaps, three of them being formed of a continuous strip, the fourth being a separate flap]
5/0272 . . . . . . [with end closures formed by applying a web on the edge of the body, and subsequent inward folding of flaps]
5/0281 . . . . . . [the tubular body presenting double or multiple walls (for thermal insulating purposes B65D 81/3853)]
5/029 . . . . . . [the tubular body presenting a special shape (pyramidal B65D 5/008)]
5/04 . . . . . . [the tubular body having no end closures]
5/06 . . . . . . [with end-closing or contents-supporting elements formed by folding inwardly a wall extending from, and continuously around, an end of the tubular body]
5/061 . . . . . . [Rectangular containers having a body with gusset-flaps folded inwardly beneath the closure flaps]
5/062 . . . . . . [with supplemental means facilitating the opening, e.g. tear lines, tear tabs]
5/063 . . . . . . [with supplemental clamping elements mounted on the container top]
5/064 . . . . . . [Rectangular containers having a body with gusset-flaps folded outwardly or adhered to the side or the top of the container]
5/065 . . . . . . [with supplemental means facilitating the opening, e.g. tear lines, tear tabs]
5/066 . . . . . . [with supplemental clamping elements mounted on the container top]
5/067 . . . . . . [Gable-top containers]
5/068 . . . . . . [with supplemental means facilitating the opening, e.g. tear lines, tear tabs]
5/069 . . . . . . [with supplemental clamping elements mounted on the fin of the container-top]
5/08 . . . . . . [with end closures formed by inward-folding of portions of body, e.g. flaps, interconnected by, or incorporating, gusset folds (by inward-folding of a wall extending continuously around an end of the body and incorporating gusset folds B65D 5/06)]
5/10 . . . . . . [with end closures formed by inward-folding of self-locking flaps hinged to tubular body]
5/103 . . . . . . [one of the self-locking flaps having a tongue engaging into an opening of an opposite flap]
5/106 . . . . . . [the opening being a slot]
5/12 . . . . . . [with end closures formed separately from tubular body]
General kinds of rigid or semi-rigid containers

5/14 . . . with inset end closures
5/16 . . . the tubular body being formed with an aperture or removable portion arranged to allow removal or insertion of contents through one or more sides (contents-dispensing means B65D 5/72)
5/18 . . . by folding a single blank to U-shape to form the base of the container and opposite sides of the body portion, the remaining sides being formed primarily by extensions of one or more of these opposite sides, e.g. flaps hinged thereto (B65D 5/36 takes precedence)
5/20 . . . by folding-up portions connected to a central panel from all sides to form a container body, e.g. of tray-like form (B65D 5/36 takes precedence)
5/2004 . . . [the container body having hollow side-walls]
5/2009 . . . [all formed by folding extensions of the side walls]
5/2014 . . . [the central panel having a non-rectangular shape]
5/2019 . . . [with at least partially curved edges or the like]
5/2023 . . . . [the folded-up portions being folded along non-rectilinear fold-lines]
5/2028 . . . [triangular]
5/2033 . . . [polygonal having more than four sides, e.g. hexagonal, octagonal]
5/2038 . . . [at least two opposed folded-up portions having a non-rectangular shape]
5/2042 . . . [triangular]
5/2047 . . . [trapezoidal, e.g. to form a body with diverging side walls (B65D 5/2033 takes precedence)]
5/2052 . . . [characterised by integral closure-flaps]
5/2057 . . . [Inter-engaging self-locking flaps (B65D 5/4254 takes precedence)]
5/2061 . . . [of triangular shape]
5/2066 . . . [Cooperating flaps fixed together by separate mechanical elements, e.g. staples, clips, straps, labels, tape]
5/2071 . . . [of triangular shape]
5/2076 . . . [Cooperating flaps glued together]
5/208 . . . . [of triangular shape]
5/2085 . . . [the central panel having incisions defining foldable flaps hinged to its edges]
5/209 . . . . [the adjacent edges of folded-up portions being joined by moulding seams in situ]
5/2095 . . . [a part of the folded-up portions defining an inwardly folded edge at the edges of the central panel]
5/22 . . . . [held erect by extensions of one or more sides being doubled-over to enclose extensions of adjacent sides]
5/24 . . . . [with adjacent sides interconnected by gusset folds]
5/241 . . . . [and the gussets folds connected to the inside of the container body (B65D 5/247 and B65D 5/248 take precedence)]
5/242 . . . . [the gussets folds comprising more than two gusset panels]
5/243 . . . . [the container body comprising a continuous rim or flange]
5/244 . . . . [and the gussets folds connected to the outside of the container body (B65D 5/247, B65D 5/248 take precedence)]
5/245 . . . . [the gussets folds comprising more than two gusset panels]
5/246 . . . . [the container body comprising a continuous rim or flange]
5/247 . . . . [and being maintained in erected condition by integral mechanical locking means formed on, or coacting with, the gusset folds, e.g. locking tabs, tongue and slit (B65D 5/248 takes precedence)]
5/248 . . . . [and at least one side being extended and doubled-over to enclose the adjacent gusset flaps]
5/26 . . . . [with extensions of opposite sides mutually interlocking to lie against other sides]
5/28 . . . . [with extensions of sides permanently secured to adjacent sides, with sides permanently secured together by adhesive strips, or with sides held in place solely by rigidity of material]
5/30 . . . . [with tongue-and-slot or like connections between sides and extensions of other sides]
5/301 . . . . [the tongue being a part of a lateral extension of a side wall]
5/302 . . . . [combined with a slot provided in an adjacent side wall]
5/304 . . . . [the tongue being folded over after being introduced in the slot]
5/305 . . . . [combined with a slot provided at the fold line between an adjacent side wall and a lateral extension thereof]
5/307 . . . . [combined with a tongue provided in an adjacent side wall]
5/308 . . . . [the slot being provided in a lateral extension of a side wall combined with a tongue being a part of an adjacent side wall]
5/32 . . . . [having bodies formed by folding and interconnecting two or more blanks (each blank forming a body part, whereby each body part comprises at least one outside face of the box, carton or tray)]
5/321 . . . . [at least one container body part formed by folding up portions of a single blank connected to a central panel from all sides]
5/322 . . . . [at least one container body part formed by folding a single blank to essentially U-shape with or without extensions which form openable lid elements]
5/323 . . . . [and two further opposed body panels formed from two essentially planar blanks]
5/324 . . . . [at least two container body parts, each formed by folding a single blank to essentially U-shape]
5/325 . . . . [whereby one blank forms three sides of the body, and the other blank forms the remaining sides, a hinged lid, and the opposite end closure]
5/326 . . . . [at least one container body part formed by folding a single blank to a permanently assembled tube]
5/327 . . . . [at least two container body parts, each formed by folding a single blank to a permanently assembled tube]
5/328 . . . . [and the tubular body parts being aligned axially to form a container]
5/36 . . . . [specially constructed to allow collapsing and re-erecting without disengagement of side or bottom connections]
5/3607 . . . [formed by folding or erecting a single blank]
General kinds of rigid or semi-rigid containers  

B65D  

5/3614 . . . [to form a tubular body, at least one of the ends of the body remaining connected]  
5/3621 . . . [collapsed along two fold lines of the tubular body]  
5/3628 . . . [collapsed along median lines of two opposite sides of the rectangular tubular body]  
5/3635 . . . [by folding-up portions connected to a central panel from all sides to form a container body]  
5/3642 . . . [the secured corners presenting diagonal, bisecting or similar folding lines, the central panel presenting no folding line]  
5/365 . . . [the extensions of one or more sides being doubled-over to enclose extensions of adjacent sides]  
5/3657 . . . [the adjacent sides being interconnected by gusset folds]  
5/3664 . . . . [and at least one side being extended and doubled-over to enclose the adjacent gusset flaps]  
5/3671 . . . [the sides being connected to extensions of other sides by tongue-and-slot connections]  
5/3678 . . . [collapsed along median lines of two opposite sides and the central panel]  
5/3685 . . . [by folding the blank to U-shape to form the base and opposite sides, the remaining sides being formed by extensions of these opposite sides]  
5/3692 . . . [Devices formed separately from container body for holding in erected state, e.g. rubber bands, carton strips]  
5/38 . . . . Drawer-and-shell type containers  
5/40 . . . specially constructed to contain liquids  
5/42 . . . Details of containers or of foldable or erectable container blanks  
5/4204 . . . . [Inspection openings or windows]  
5/4208 . . . . [Means facilitating suspending, lifting, handling, or the like of containers (handles B65D 5/46)]  
5/4212 . . . . [Information or decoration elements, e.g. content indicators, or for mailing (B65D 5/522 takes precedence)]  
5/4216 . . . . [Cards, coupons or the like formed integrally with, or printed directly on, the container or lid]  
5/422 . . . . . [as an extra panel or panels folded against or inside the container (B65D 5/4237 takes precedence)]  
5/4225 . . . . . [as an extra panel or panels projecting out of the plane of the container (B65D 5/4241 takes precedence)]  
5/4229 . . . . . [in the form of a detachable panel]  
5/4233 . . . . . [Cards, coupons, labels or the like formed separately from the container or lid]  
5/4237 . . . . . [located in a compartment formed by a container wall and additional panel or panels formed integrally with the container]  
5/4241 . . . . . [located in a compartment formed by a double-walled panel projecting out of the plane of the container]  
5/4245 . . . . . [Bands covering at least 3 adjacent faces of a container (B65D 5/4262 takes precedence)]  
5/425 . . . . . [Decoration elements]  

5/4254 . . . . . [formed by two or mating closure panels, e.g. forming a butterfly, bow-tie, etc.]  
5/4258 . . . . . [providing 3-dimensional perspective images by means of two or more spaced apart images]  
5/4262 . . . . . [Bands covering at least 3 adjacent faces of a container provided with a decoration, e.g. bow]  
5/4266 . . . . . [Folding lines, score lines, crease lines]  
5/427 . . . . . . [Individual packages joined together, e.g. by means of integral tabs (B65D 5/5495 takes precedence)]  
5/4275 . . . . . . [by bonding, adhesive, hook and loop-type fastener or the like]  
5/4279 . . . . . . . [Joints, seams, leakproof joints or corners, special connections between panels (B65D 5/209 takes precedence)]  
5/4283 . . . . . . . . [Connections formed by separate elements, e.g. clips, bands, straps (B65D 5/0227, B65D 5/0236 take precedence)]  
5/4287 . . . . . . . . [the container being formed by folding-up portions connected to a central panel from all sides, adjacent sides being interconnected by gusset folds and the container being maintained in erected condition by means of the separate connectors coating with the gusset folds]  
5/4291 . . . . . . . . [Containers provided with an acoustic device, e.g. for indicating opening of the package]  
5/4295 . . . . . . . . . [Ventilating arrangements, e.g. openings, space elements]  
5/44 . . . . . . . . . . Integral, inserted or attached portions forming internal or external fittings  
5/441 . . . . . . . . . . . [Reinforcements (linings B65D 5/56)]  
5/443 . . . . . . . . . . . . [Integral reinforcements, e.g. folds, flaps (double walls B65D 5/02)]  
5/445 . . . . . . . . . . . . . [Reinforcements formed separately from the container]  
5/446 . . . . . . . . . . . . . . [Wooden reinforcements]  
5/448 . . . . . . . . . . . . . . . [Metal or wire reinforcements]  
5/46 . . . . . . . . . . Handles  
5/46008 . . . . . . [formed separately from the container body]  
5/46016 . . . . . . [Straps used as handles fixed to the container by gluing, stapling, heat-sealing (for packages in wrappers B65D 75/56)]  
5/46024 . . . . . . [Straps used as handles with anchoring elements fixed in slots]  
5/46032 . . . . . . [Handles with anchoring elements, e.g. formed by folding a blank (B65D 5/46064 takes precedence; straps B65D 5/46024)]  
5/4604 . . . . . . . . . [not formed by folding a blank]  
5/46048 . . . . . . . . . [made of metal wire]  
5/46056 . . . . . . . . . [made of cord]  
5/46064 . . . . . . . . . [formed by folding a blank serving also as a partition in the container]  
5/46072 . . . . . . . . . [integral with the container]  
5/4608 . . . . . . . . . . . [Handgrip holes]  
5/46088 . . . . . . . . . . . [formed by extensions of closure flaps, by closure flaps or by extensions of side flaps of a container formed by folding a blank to form a tubular body]  
5/46096 . . . . . . . . . . . . [two opposite closure flaps being provided with handle elements which are in contact with each other]
General kinds of rigid or semi-rigid containers

Partitions

{ Integral }

compartments } { Squaring, i.e. at least four not aligned blank forming straps used as handles } blank, serving also as a partition in the base of a tray being folded up towards each other }

B65D 5/48012 . . . . . . . (combined with inserted partitions)

5/48014 . . . . . . . {formed by folding extensions hinged to the side edges of a tubular body (B65D 5/48004 takes precedence; partition separated by erecting the body B65D 5/48048) }

5/48016 . . . . . . . {formed by folding extensions hinged to the upper or lower edges of a tubular body (B65D 5/48008 takes precedence) }

5/48018 . . . . . . . {formed by folding extensions of side panels of a "cross-like" body blank (B65D 5/4801 takes precedence) }

5/4802 . . . . . . . {formed by folding inwardly portions cut in the body (B65D 5/48006 takes precedence) }

5/48022 . . . . . . . {formed by two parallel panels located in the base of a tray being folded up towards each other }

5/48024 . . . . . . . [inserted]

5/48026 . . . . . . . {Squaring or like elements, e.g. honeycomb element, i.e. at least four not aligned compartments (B65D 5/48012 takes precedence) }

5/48028 . . . . . . . {formed by folding a single blank (B65D 5/48034 takes precedence) }

5/4803 . . . . . . . {not made of paper, e.g. of moulded plastic }

5/48032 . . . . . . . {made of paper, provided with an at least partial bottom }

5/48034 . . . . . . . {by folding a single blank }

5/48036 . . . . . . . {Longitudinal partition provided with cut flaps folded perpendicular to the partition }

5/48038 . . . . . . . {Strips crossing each other }

5/4804 . . . . . . . {formed by folding strips essentially in tubes, U- or S-shape }

5/48042 . . . . . . . {Strip provided with series of folding lines forming the partitions }

5/48044 . . . . . . . {Blank provided with cut flaps folded perpendicular to the blank (B65D 5/48026 takes precedence) }

5/48046 . . . . . . . {Plain strips not fixed by gluing or other fastening elements (B65D 5/48048 takes precedence) }

5/48048 . . . . . . . {Single partition formed by folding one or more blanks and provided with flaps fixed to or maintained by parts of the container body (B65D 5/4804 takes precedence) }

5/50 . . . . . . . Internal supporting or protecting elements for contents (elements formed by inward-folding of a wall extending from, and continuously around, an end of a tubular body B65D 5/06; partitions B65D 5/48)
General kinds of rigid or semi-rigid containers

5/5014 . . . . . . [and with an integral end closure (B65D 5/5004 takes precedence)]
5/5016 . . . . . . [formed by folding inwardly of extensions hinged to the side edges of the body]
5/5019 . . . . . . [formed by openings in the body walls]
5/5021 . . . . . . [Integral elements for containers formed by folding-up portions connected to a central panel from all sides]
5/5023 . . . . . . [Integral elements for containers of other type, e.g. formed by folding a blank to U-shape]
5/5026 . . . . . . [Hollow frame-like elements surrounding the object]
5/5028 . . . . . . [Elements formed separately from the container body]
5/503 . . . . . . [Tray-like elements formed in one piece (formed by folding a blank B65D 5/5038)]
5/5033 . . . . . . [Corner pads or corner posts]
5/5035 . . . . . . [Paper elements (in combination with wooden elements B65D 5/5095)]
5/5038 . . . . . . [Tray-like elements formed by folding a blank and presenting openings or recesses (without external box B65D 7/172; external face of container provided with opening for receiving object in display position B65D 5/5286)]
5/504 . . . . . . [Racks having upstanding ridges formed by folds, and provided with slits or recesses]
5/5042 . . . . . . [Hollow tubular elements provided with slits or openings]
5/5045 . . . . . . [Tubular lining and supporting elements]
5/5047 . . . . . . [Blocks]
5/505 . . . . . . [formed by folding up one or more blanks to form a hollow block]
5/5052 . . . . . . [and provided with slits or recesses in which at least a part of the contents are located (B65D 5/504 takes precedence)]
5/5054 . . . . . . [formed by a plurality of layers contacting each other, e.g. multiple layers of corrugated cardboard]
5/5057 . . . . . . [and provided with slits or recesses in which at least a part of the contents are located]
5/5059 . . . . . . [Paper panels presenting one or more openings or recesses in which at least a part of the contents are located (B65D 5/5038, B65D 5/5052, B65D 5/5057 and B65D 5/5286 take precedence)]
5/5061 . . . . . . [the openings or recesses being located in different panels of a single blank (B65D 5/5066 takes precedence)]
5/5064 . . . . . . [Inverted U- or V-shaped paper elements provided with slits or recesses in which at least a part of the contents are located (B65D 5/504 and B65D 5/5052 takes precedence)]
5/5066 . . . . . . [Paper elements formed by folding or assembling two or more panels to create a central aperture extending in at least two planes in which the contents are located]
5/5069 . . . . . . [Capping elements, i.e. elements which are located onto one or more ends of the contents, before the contents are inserted into the package]
5/5071 . . . . . . [each capping element being formed by assembling two or more blanks]
5/5073 . . . . . . [U-shaped elements supporting the articles locally at their sides]
5/5076 . . . . . . [U-shaped elements supporting the articles along substantially their whole length, e.g. a cradle (B65D 5/508 takes precedence)]
5/5078 . . . . . . [Pockets whereby the articles are inserted into the pockets, e.g. inverted U-shaped elements (B65D 5/508 takes precedence)]
5/508 . . . . . . [Combination of U-shaped and inverted U-shaped elements]
5/5083 . . . . . . [each item being partially located in a U-shaped element and partially located in an inverted U-shaped element, e.g. for bottles]
5/5085 . . . . . . [the elements forming grooves, ribs, or the like, situated on opposed walls and between which the articles are located (for rigid containers B65D 25/107)]
5/5088 . . . . . . [Plastic elements (trays B65D 5/503)]
5/509 . . . . . . [Foam plastic elements]
5/5092 . . . . . . [Wooden elements]
5/5095 . . . . . . [Wooden elements in combination with paper elements]
5/5097 . . . . . . [Central hubs or shafts]
5/52 . . . . . . [External stands or display elements for contents]
5/5206 . . . . . . [External stands for supporting the container in display position, e.g. easels, covers forming a support for the containers in the display position]
5/5213 . . . . . . [Internal elements supporting the contents and movable for displaying them, e.g. movable bottoms or trays]
5/522 . . . . . . [Containers provided with decoration or information elements which are displaced to display the contents]
5/5226 . . . . . . [formed integrally with the container or lid (B65D 5/526 takes precedence)]
5/5233 . . . . . . [Display panels located within the upper surface of the container and being raised to simultaneously provide a dispensing opening]
5/524 . . . . . . [the panel in the raised position being folded about itself]
5/5246 . . . . . . [formed separately from the container or lid]
5/5253 . . . . . . [Containers initially closed but folded about a central axis to display the contents in two or more cells]
5/526 . . . . . . [Containers with means for displaying items at different heights]
5/5266 . . . . . . [in tiered or stepped relationship (B65D 5/5206 takes precedence)]
General kinds of rigid or semi-rigid containers

5/523 . . . . [Containers provided with an inclined surface on which the contents are located (B65D 5/5213, B65D 5/5266 take precedence)]
5/528 . . . . [Contents attached to or resting on the external surface of the container]
5/5286 . . . . [the container being provided with an opening or weakened area in which an item is inserted]
5/5293 . . . . [the container being provided with U- or V-shaped racks on which the items rest]
5/54 . . . Lines of weakness to facilitate opening of container or dividing it into separate parts by cutting or tearing ((B65D 5/06, B65D 5/5233, B65D 5/5253 take precedence); break-in flaps, or members adapted to be torn-off, to provide pouring openings (B65D 5/70))
5/5405 . . . [for opening containers formed by erecting a blank in tubular form]
5/541 . . . [the lines of weakness being provided in one or more closure flaps]
5/5415 . . . [the lines of weakness being provided in one or more closure flaps and in the container body so as to form after rupture a lid hinged to a side edge of the container body]
5/542 . . . [the lines of weakness being provided in the container body]
5/5425 . . . . (and defining after rupture a lid hinged to the upper edge of the container body)
5/543 . . . . [the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction]
5/5435 . . . . (and defining after rupture a lid hinged to the side edge of the container body)
5/544 . . . . [and defining after rupture a lid hinged about a line located in the top surface of the container]
5/5445 . . . [for dividing a tubular body into separate parts]
5/545 . . . [for opening containers formed by erecting a "cross-like" blank]
5/5455 . . . [the lines of weakness being provided in a closure hinged to an edge of the container body]
5/546 . . . [the lines of weakness being provided in an extension panel or tab of a hinged closure]
5/5465 . . . [the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction]
5/547 . . . . [and defining after rupture a lid hinged about a line located in the top surface of the container]
5/5475 . . . [for dividing a "cross-like" container body into separate parts]
5/548 . . . [for opening containers formed by erecting a blank to U-shape]
5/5485 . . . [the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction]
5/549 . . . [and defining after rupture a lid hinged about a line located in the top surface of the container]
5/5495 . . . [for separating interconnected containers]
5/56 . . . Linings or internal coatings [. e.g. pre-formed trays provided with a blow- or thermoformed layer (to protect the articles from mechanical damage B65D 81/127)]
5/563 . . . [Laminated linings; Coatings]
5/566 . . . [Linings made of relatively rigid sheet material, e.g. carton (B65D 5/0281 and B65D 5/528 takes precedence; combined with a flexible lining B65D 5/56, B65D 5/60; for thermal insulating purposes B65D 81/3858; for shock absorbing purposes B65D 81/1275)]
5/58 . . . Linings spaced appreciably from container wall [(for thermal insulating purposes B65D 81/3853)]
5/60 . . . Loose, (or loosely attached), linings [(made only of relatively rigid sheet material B65D 5/666)]
5/603 . . . [Flexible linings loosely glued to the wall of the container (B65D 5/0272 takes precedence)]
5/606 . . . . [Bags or bag-like tubes loosely glued to the wall of a "tubular" container]
5/62 . . . [External coverings or coatings ((B65D 5/4245, B65D 5/4262 take precedence))]
5/64 . . . [Lids]
5/643 . . . [held in closed position by application of separate elements, e.g. clips, straps (B65D 5/661, B65D 5/6673 take precedence)]
5/646 . . . [comprising a slidable panel or wall (B65D 5/723 takes precedence)]
5/66 . . . [Hinged lids ((B65D 5/325) takes precedence)]
5/6602 . . . [formed by folding one or more extensions hinged to the upper edge of a tubular container body]
5/6605 . . . [the lid being formed by two mating halves joined to opposite edges of the container body]
5/6608 . . . [the lid being held in closed position by self-locking integral flaps]
5/6611 . . . . [the lid being held in closed position by application of separate elements, e.g. clips, hooks, elastics]
5/6614 . . . [with means for retaining the lid in open position]
5/6617 . . . . [the container body sliding in an outer sleeve (B65D 85/1054 takes precedence)]
5/662 . . . [the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction]
5/6623 . . . [the lid being hinged about a line located in the top surface of the container]
5/6626 . . . [formed by folding extensions of a side panel of a container body formed by erecting a "cross-like" blank]
5/6629 . . . [the lid being formed by two mating halves joined to opposite edges of the container body]
5/6632 . . . [the lid-halves being held in closed position by flaps or tabs provided at their side edges only (B65D 5/6644, B65D 5/6647 take precedence)]
General kinds of rigid or semi-rigid containers

5/6635 . . . . . [the lid-halves being held in closed position by flaps or tabs provided at their edge opposite to their hinge (B65D 5/6644, B65D 5/6647 take precedence)]

5/6638 . . . . . [combined with flaps or tabs provided at the side edges of the lid-halves]

5/6641 . . . . . (and connected to one another in order to form an uninterrupted flange)

5/6644 . . . . . [the lid-halves being held in closed position by local tabs or projections at the upper edge of opposite walls of the container body, e.g. by entering within slots provided in the lid-halves]

5/6647 . . . . . [the lid-halves being held in closed position by application of separate elements, e.g. clips, hooks, cords]

5/665 . . . . . [the lid being held in closed position by self-locking integral flaps or tabs]

5/6652 . . . . . [Flaps or tabs provided at the side edges of the lid only]

5/6655 . . . . . [Local flaps or tabs provided at the lid edge opposite to the hinge]

5/6658 . . . . . [combined with flaps or tabs provided at the side edges of the lid]

5/6661 . . . . . [Flaps provided over the total length of the lid edge opposite to the hinge]

5/6664 . . . . . [combined with flaps or tabs provided at the side edges of the lid]

5/6667 . . . . . (and connected to one another in order to form an uninterrupted telescoping flange (B65D 5/667 takes precedence)]

5/667 . . . . . [Lids in the form of an inverted tray]

5/6673 . . . . . [the lid being held in closed position by application of separate elements, e.g. clips, hooks, cords (B65D 5/6647 takes precedence)]

5/6676 . . . . . (with means for retaining the lid in open position)

5/6679 . . . . . [the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction]

5/6682 . . . . . [the lid being hinged about a line located in the top surface of the container]

5/6685 . . . . . [formed by extensions hinged to the upper edge of a container body formed by erecting a blank to U-shape]

5/6688 . . . . . [the container body sliding in an outer sleeve (B65D 85/1054 takes precedence)]

5/6691 . . . . . [the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction]

5/6694 . . . . . [the lid being hinged about a line located in the top surface of the container]

5/6697 . . . . . [Separate lids attached to the container body by a hinge element]

5/68 . . . . . Telescope flanged lids

5/685 . . . . . [having an inwardly or upwardly extending tab on the lid side wall cooperating with a tab on, or an opening in, the container side wall]

5/70 . . . . . Break-in flaps, or members adapted to be torn-off, to provide pouring openings (B65D 5/74 takes precedence)

5/701 . . . . . [Tearable flaps defined by score-lines or incisions provided in the closure flaps of a tubular container made of a single blank]

5/703 . . . . . [the score-lines or incisions extending in the body of the tubular container]

5/705 . . . . . [Tearable flaps defined by score-lines or incisions provided in the body of a tubular container made of a single blank]

5/706 . . . . . [Tearable flaps defined by score-lines or incisions provided in a separate end closure of a tubular container]

5/708 . . . . . [Separate tearable flexible elements covering a discharge opening of a container, e.g. adhesive tape]

5/72 . . . . . Contents-dispensing means

5/721 . . . . . [consisting of mobile elements forming part of the containers or attached to the containers]

5/722 . . . . . [having an alternating movement co-operating with incised or scored openings near the bottom-edges of the bodies of tubular containers]

5/723 . . . . . [Sliding elements for covering and uncovering discharge openings of containers, e.g. slide-closures]

5/724 . . . . . [Internal fittings facilitating the discharge of contents, e.g. guiding panels, movable bottoms or lifting strips]

5/725 . . . . . [Incised or pre-scored openings or windows provided in the side wall of containers]

5/726 . . . . . [Means for discharging contents through the bottom of containers]

5/727 . . . . . [Dispensing openings provided in the upper end-walls of tubular containers, the openings being closed by means of separate stopper or other closure elements]

5/728 . . . . . [for drawer-and-shell-type containers]

5/74 . . . . . Spouts

5/741 . . . . . [for containers having a tubular body (B65D 5/747 takes precedence)]

5/742 . . . . . [Spouts formed by deforming or tearing the closure flaps or severed or incised parts of the closure flaps (B65D 5/06 takes precedence)]

5/743 . . . . . [Spouts formed by deforming or tearing scored or incised parts of the side-wall of containers]

5/744 . . . . . [combined with swivelling devices having a bottom-wall and two side-walls]

5/745 . . . . . [Spouts formed by deforming or tearing parts of the upper wall, combined with a deformation of a part of the body of the container]

5/746 . . . . . [Spouts formed separately from the container]

5/747 . . . . . [with means for piercing or cutting the container wall or a membrane connected to said wall]

5/748 . . . . . [a major part of the container wall or membrane being left inside the container after the opening]

5/749 . . . . . [a major part of the container wall or membrane being removed from the container after the opening]
General kinds of rigid or semi-rigid containers

7/00 [Containers having bodies formed by interconnecting or uniting two or more rigid, or substantially rigid, components made wholly or mainly of metal (specially constructed to be opened by cutting, piercing, or tearing of wall portions B65D 17/00; pallets B65D 19/00; tanks for domestic water storage heaters F24H 1/181)]

7/02 . . . (characterised by shape)

7/04 . . . {of curved cross-section, e.g. cans of circular or elliptical cross-section (thermally insulated B65D 81/3813, B65D 81/3832)}

7/045 . . . {Casks, barrels, or drums in their entirety, e.g. beer barrels, i.e. presenting most of the following features like rolling beads, double walls, reinforcing and supporting beads for end walls (thermally insulated barrels B65D 81/3802) }

7/06 . . . {of polygonal cross-section, e.g. tins, boxes}

7/065 . . . {with partitions or compartments}

7/08 . . . {Trays or like containers without lids}

7/10 . . . {of drawer-and-shell type}

7/12 . . . (characterised by wall construction or by connections between walls)

7/14 . . . {of skeleton or like apertured construction, e.g. baskets or carriers formed of wire mesh, of interconnected bands, bars, or rods, or of perforated sheet metal}

7/16 . . . {made of apertured or perforated sheet metal components}

7/18 . . . {made up of interconnected spaced bands}

7/20 . . . {made of wire}

7/22 . . . {with double walls, e.g. double end walls (for thermal insulating purposes B65D 81/3806, B65D 81/3818, B65D 81/383)}

7/24 . . . {collapsible, e.g. with all parts detachable}

7/26 . . . {with all parts hinged together}

7/28 . . . {with some parts detachable and other parts hinged together}

7/30 . . . {Fastening devices for holding collapsible containers in erected state, e.g. integral with container walls}

7/32 . . . {separate from container walls}

7/34 . . . {with permanent connections between walls (permanent connections between walls for closing containers after filling B65D 17/06)}

7/36 . . . {formed by rolling, or by rolling and pressing}

7/38 . . . {formed by soldering, welding, or otherwise uniting opposed surfaces}

7/40 . . . {with walls formed with filling or emptying apertures}

7/42 . . . {Details of metal walls (casks, barrels or drums in their entirety B65D 7/045; other container details B65D 23/00, B65D 25/00)}

7/44 . . . {Reinforcing or strengthening parts or members}

7/46 . . . {Corrugations}

7/48 . . . {Local reinforcements, e.g. adjacent closures}

9/00 [Containers having bodies formed by interconnecting or uniting two or more rigid, or substantially rigid, components made wholly or mainly of wood or substitutes thereof]
Rigid or semi-rigid containers specially constructed to be opened by cutting or piercing, or by tearing of flangible members or portions

({containers made of paper B65D 3/00, B65D 5/00;} flangible inner closure members associated with caps, lids or covers B65D 51/20)

17/00

17/02 . . . [of curved cross-section, e.g. cans of circular or elliptical cross-section]
17/04 . . . [of polygonal cross-section]
17/06 . . . [Integral, or permanently secured, end or side closures]
17/08 . . . [Closures secured by folding or rolling and pressing]
17/10 . . . . [with interposed packing rings]
17/12 . . . [Closures secured by soldering, welding, or otherwise uniting opposed surfaces]
17/14 . . . . [by cold or hot pressing of plastic sealing material]
17/28 . . . . . . at lines or points of weakness

**WARNINGS**


All groups listed in this Warning should be considered in order to perform a complete search.

2. Groups B65D 17/30 - B65D 17/40 are incomplete pending reclassification of documents from group B65D 17/28.

Groups B65D 17/30 - B65D 17/40 and B65D 17/28 should be considered in order to perform a complete search.

17/30 . . . . . . using cutting devices
17/32 . . . . . having non-detachable members or portions
17/34 . . . . . Arrangement or construction of pull or lift tabs (B65D 17/32 takes precedence)
17/347 . . . . . . characterised by the connection between the tab and a detachable member or portion of the container
17/353 . . . . . . the connecting means being integral with the tab or with the detachable member or portion
17/36 . . . . . adapted for engagement with opening tools, e.g. slotted keys (attachment of opening tools, e.g. slotted keys, to containers B65D 17/52)
17/38 . . . . . . . with strip or tool guides
17/40 . . . . . . . characterised by having the line of weakness extending circumferentially of the container mouth
General kinds of rigid or semi-rigid containers

17/401 . . . [characterised by having the line of weakness provided in an end wall]
17/4011 . . . [for opening completely by means of a tearing tab]
17/4012 . . . [for opening partially by means of a tearing tab]
17/4014 . . . [and provided with attached means for reclosing or resealing]
17/402 . . . [characterised by having the line of weakness provided in the side wall (B65D 17/46 takes precedence)]
17/404 . . . [Details of the lines of weakness]
17/42 . . . with cutting, punching, or cutter accommodating means (for opening at lines or points of weakness B65D 17/28)

WARNING
Groups B65D 17/42 – B65D 17/46 are incomplete pending reclassification of documents from group B65D 17/28.
Groups B65D 17/42 – B65D 17/46 and B65D 17/28 should be considered in order to perform a complete search.

17/44 . . . in which the puncturing tool serves as closure
17/46 . . . Wires, strings or the like, e.g. rip cords
17/462 . . . [Tearing-strips or -wires]
17/464 . . . [with tongues or tags for engagement by slotted keys]
17/48 . . . located in the seam-adjoining parts of the container

WARNING
Group B65D 17/48 is incomplete pending reclassification of documents from group B65D 17/28.
Groups B65D 17/48 and B65D 17/28 should be considered in order to perform a complete search.

17/50 . . . Non-integral fragangible members applied to, or inserted in, preformed openings, e.g. tearable strips or plastic plugs (B65D 53/08 takes precedence)

WARNING
Group B65D 17/50 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/50 and B65D 53/08 should be considered in order to perform a complete search.

17/501 . . . [Flexible tape or foil-like material]

WARNING
Group B65D 17/501 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/501 and B65D 53/08 should be considered in order to perform a complete search.

17/502 . . . [applied to the external part of the container wall only]

WARNING
Group B65D 17/502 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/502 and B65D 53/08 should be considered in order to perform a complete search.

17/503 . . . [applied to the internal part of the container wall only]

WARNING
Group B65D 17/503 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/503 and B65D 53/08 should be considered in order to perform a complete search.

17/504 . . . [applied to the external part of the container wall only]

WARNING
Group B65D 17/504 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/504 and B65D 53/08 should be considered in order to perform a complete search.

17/505 . . . [applied to the internal and external part of the container wall]

WARNING
Group B65D 17/505 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/505 and B65D 53/08 should be considered in order to perform a complete search.

17/506 . . . [Rigid or semi-rigid members, e.g. plugs]

WARNING
Group B65D 17/506 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/506 and B65D 53/08 should be considered in order to perform a complete search.

17/507 . . . [moulded in situ, e.g. during production of container]

WARNING
Group B65D 17/507 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/507 and B65D 53/08 should be considered in order to perform a complete search.

17/508 . . . [and combined with a rigid or semi-rigid, e.g. metallic sheet and a moulded plastic body]

WARNING
Group B65D 17/508 is impacted by reclassification into group B65D 53/08.
Groups B65D 17/508 and B65D 53/08 should be considered in order to perform a complete search.
General kinds of rigid or semi-rigid containers

19/012 . . . . . . (forming a continuous plane contact surface)
19/014 . . . . . . (forming discontinuous or non-planar contact surfaces)
19/016 . . . . . . {and each contact surface having a stringer-like shape}
19/018 . . . . . . {and each contact surface having a discrete foot-like shape}
19/02 . . . . . . {the base surface being made of more than one element}
19/022 . . . . . . (forming a continuous plane contact surface)
19/024 . . . . . . (forming discontinuous or non-planar contact surfaces)
19/026 . . . . . . {and each contact surface having a stringer-like shape}
19/028 . . . . . . {and each contact surface having a discrete foot-like shape}
19/03 . . . . . . {forming discontinuous or non-planar contact surfaces}
19/032 . . . . . . {the base surface being made of a single element}
19/034 . . . . . . {forming a continuous plane contact surface}
19/036 . . . . . . {forming discontinuous or non-planar contact surfaces}
19/038 . . . . . . {and each contact surface having a stringer-like shape}
19/04 . . . . . . {and each contact surface having a discrete foot-like shape}
19/042 . . . . . . {the base surface being made of more than one element}
19/044 . . . . . . (forming a continuous plane contact surface)
19/046 . . . . . . {forming discontinuous or non-planar contact surfaces}
19/048 . . . . . . {and each contact surface having a stringer-like shape}
General kinds of rigid or semi-rigid containers

B65D

21/00 Nestable, stackable or joinable containers; Containers of variable capacity

21/02 Containers specially shaped, or provided with fittings or attachments, to facilitate nesting, stacking, or joining together ([stackable containers of polygonal cross-section formed by folding or erecting blanks made of paper B65D 5/001])

21/0201 [stackable or joined together side-by-side]

21/0202 [and loosely interengaged by integral complementary shapes]

21/0204 [and joined together by interconnecting formations forming part of the container, e.g. dove-tail, snap connections, hook elements]

21/0205 [joined together by bonding, adhesive or the like (B65D 21/0208 takes precedence)]

21/0206 [Separate rigid or semi-rigid trays or cups joined together, e.g. separate trays connected by single foil closure or crimped together (plurality of trays formed in one piece B65D 1/30)]

21/0208 [by bonding, adhesive, hook and loop-type fastener or the like]

21/0209 [stackable or joined together one-upon-the-other in the upright or upside-down position (B65D 21/0234, B65D 21/0235 takes precedence)]

21/0211 [Wire-mesh containers]

21/0212 [Containers presenting local stacking elements protruding from the upper or lower edge of a side wall, e.g. handles, lugs, ribs, grooves (B65D 21/0211, B65D 21/0215, B65D 21/023 take precedence)]

21/0213 [Containers presenting a continuous stacking profile along the upper or lower edge of at least two opposite side walls]

21/0215 [Containers with stacking feet or corner elements (B65D 21/0211, B65D 21/023 take precedence)]

21/0216 [Containers with stacking ribs in the side walls]

21/0217 [Containers with a closure presenting stacking elements (B65D 21/064 takes precedence)]

21/0219 [the closure presenting projecting peripheral elements receiving or surrounding the bottom or peripheral elements projecting from the bottom of a superimposed container (B65D 21/0222 and B65D 21/0223 take precedence)]

21/022 [the bottom presenting projecting peripheral elements receiving or surrounding the closure or peripheral elements projecting therefrom (B65D 21/0222 and B65D 21/0223 take precedence)]

21/0222 [the closure and the bottom presenting co-operating peripheral ribs and grooves]

21/0223 [the closure and the bottom presenting local co-operating elements, e.g. projections and recesses (B65D 21/0222 takes precedence)]

21/0224 [Auxiliary removable stacking elements other than covers]

21/0226 [Containers with movable parts adapted to be placed in alternative positions for stacking the containers at different levels, i.e. without nesting of the containers (with means for nesting B65D 21/06)]

21/0227 [Containers joined together by bonding, adhesive or the like]

21/0228 [Containers joined together by screw-, bayonet-, snap-fit or the like, (B65D 21/0211, B65D 21/0231 takes precedence)]

21/023 [Closed containers provided with local cooperating elements in the top and bottom surfaces, e.g. projection and recess (B65D 21/0223 takes precedence)]

21/0231 [Bottles, canisters or jars whereby the neck or handle project into a cooperating cavity in the bottom (B65D 81/361 takes precedence)]

21/0233 [Nestable containers]

21/0234 [Nestable or stackable container parts forming a receptacle when one part is inverted upon the other]

21/0235 [Containers stackable in a staggered configuration]

21/0237 [Rigid or semi-rigid containers provided with a recess on their external surface for accommodating a smaller container]

21/0238 [Rigid or semi-rigid containers provided with a recess in order to be seated on the neck or similar protrusion of a larger container]

21/04 [Open-ended containers shaped to be nested when empty and to be superposed when full]

21/041 [Identical multi-level containers, i.e. having at least three levels]

21/043 [Identical stackable containers specially adapted for nesting after rotation around a vertical axis (B65D 21/041 takes precedence)]

21/045 [about 180° only]

21/046 [about 90° (staggered configuration B65D 21/0235)]

21/048 [Identical stackable containers specially adapted for retaining the same orientation when nested, e.g. the upper container being fixed or slightly rotatable during the nesting operation (B65D 21/041 takes precedence)]

21/06 [with movable parts adapted to be placed in alternative positions for nesting the containers when empty and for stacking them when full ((without means for nesting B65D 21/0226)]

21/062 [the movable parts being attached or integral and displacable into a position overlying the top of the container, e.g. bails, corner plates (covers B65D 21/064)]

21/064 [the movable parts being an attached or integral cover made of one or two pieces]

21/066 [the movable parts being supports or feet, e.g. retractable feet, pivotable supports]

21/068 [the movable parts consisting of walls or parts thereof, i.e. deformable containers]

21/08 Containers of variable capacity (containers of polygonal cross-section adapted to be of variable capacity formed by folding or erecting blanks made of paper (B65D 5/0005)]

21/083 [by means of additional elements, e.g. modular]
General kinds of rigid or semi-rigid containers

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>23/00</td>
<td>Details of bottles or jars not otherwise provided for (closure-sealing elements B65D 45/00)</td>
</tr>
<tr>
<td>23/01</td>
<td>(Supporting means fixed to the container)</td>
</tr>
<tr>
<td>23/02</td>
<td>(Suspension means)</td>
</tr>
<tr>
<td>23/05</td>
<td>(Means for indicating refilling of the container)</td>
</tr>
<tr>
<td>23/06</td>
<td>(Means for mixing or for promoting flow of contents (hydro-dynamic means for influencing the flow of liquids F15D))</td>
</tr>
<tr>
<td>23/08</td>
<td>Integral drip catchers or drip-preventing means</td>
</tr>
<tr>
<td>23/09</td>
<td>Coverings or external coatings (wrappers B65D 65/00)</td>
</tr>
<tr>
<td>23/10</td>
<td>Coatings</td>
</tr>
<tr>
<td>23/11</td>
<td>Characterised by the composition of the material</td>
</tr>
<tr>
<td>23/12</td>
<td>Consisting mainly of polymeric materials (B65D 23/0828 takes precedence)</td>
</tr>
<tr>
<td>23/13</td>
<td>Consisting mainly of paints or lacquers</td>
</tr>
<tr>
<td>23/14</td>
<td>Consisting mainly of metallic compounds</td>
</tr>
<tr>
<td>23/15</td>
<td>Sheets or tubes applied around the bottle with or without subsequent folding operations</td>
</tr>
<tr>
<td>23/16</td>
<td>(and glued or otherwise sealed to the bottle (B65D 23/0857, B65D 23/0864, B65D 23/0871 take precedence))</td>
</tr>
<tr>
<td>23/17</td>
<td>(and locked to the bottle by mechanical means, e.g. tabs snapping into recesses of the bottle (B65D 23/0871, B65D 23/0878 take precedence))</td>
</tr>
<tr>
<td>23/18</td>
<td>Applied in mould</td>
</tr>
<tr>
<td>23/19</td>
<td>Stretched over the bottle (B65D 23/0892 takes precedence)</td>
</tr>
<tr>
<td>23/20</td>
<td>Shrunk on the bottle</td>
</tr>
<tr>
<td>23/21</td>
<td>Rigid shells for receiving the bottle or part of it (B65D 23/0842, B65D 81/3876, B65D 85/302 take precedence)</td>
</tr>
<tr>
<td>23/22</td>
<td>Net-like covers</td>
</tr>
<tr>
<td>23/23</td>
<td>Handles</td>
</tr>
<tr>
<td>23/24</td>
<td>Gripping means formed in the walls, e.g. roughening, cavities, projections</td>
</tr>
<tr>
<td>23/25</td>
<td>Handles formed separately</td>
</tr>
<tr>
<td>23/26</td>
<td>The gripping region of the handle extending between the neck and the base of the bottle or jar and being located in a radial plane comprising the axis of the bottle or jar</td>
</tr>
<tr>
<td>23/27</td>
<td>Bail handles, i.e. pivoted handles of generally semi-circular or loop shape</td>
</tr>
<tr>
<td>23/28</td>
<td>Means for the attachment of smaller articles of tags, labels, cards, coupons, decorations or the like (B65D 23/008 takes precedence)</td>
</tr>
<tr>
<td>23/29</td>
<td>Means for thermometers (feeding bottles with thermometers A61J 9/02)</td>
</tr>
</tbody>
</table>

Details of other kinds or types of rigid or semi-rigid containers

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25/00</td>
<td>Details of other kinds or types of rigid or semi-rigid containers</td>
</tr>
<tr>
<td>25/01</td>
<td>(Side walls formed with an aperture or a movable portion arranged to allow removal or insertion of contents (B65D 5/16, B65D 7/40 take precedence))</td>
</tr>
<tr>
<td>25/02</td>
<td>Internal fittings (of containers made by folding or erecting blanks made of paper B65D 5/44)</td>
</tr>
<tr>
<td>25/03</td>
<td>Partitions</td>
</tr>
<tr>
<td>25/04</td>
<td>Adapted to be fitted in two or more alternative positions</td>
</tr>
<tr>
<td>25/06</td>
<td>With provisions for removing or destroying, e.g. to facilitate mixing of contents</td>
</tr>
<tr>
<td>25/08</td>
<td>(the partition being in the form of a plug or the like which is removed by increasing or decreasing the pressure within the container (B65D 81/3211 takes precedence))</td>
</tr>
<tr>
<td>25/09</td>
<td>(the partition being in the form of a plug or the like which is dislodged by means of a plunger rod or the like pushing the plug down (B65D 81/3211 takes precedence))</td>
</tr>
<tr>
<td>25/10</td>
<td>(the partition being in the form of a plug or the like which can be raised off its seat by means of a pull cord or the like, e.g. the plug being connected to the cap (B65D 81/3211 takes precedence))</td>
</tr>
<tr>
<td>25/11</td>
<td>Devices to locate articles in containers (for protecting articles from mechanical damage B65D 81/02)</td>
</tr>
<tr>
<td>25/12</td>
<td>Springs, elastic lips, or other resilient elements to locate the articles by pressure (B65D 25/102, B65D 25/103 take precedence)</td>
</tr>
<tr>
<td>25/13</td>
<td>Straps, bands, strings or other elongate elements</td>
</tr>
<tr>
<td>25/14</td>
<td>V-shaped elements, e.g. racks, protuberances projecting from a supporting surface, supporting the articles locally at its sides (B65D 25/107 takes precedence)</td>
</tr>
<tr>
<td>25/15</td>
<td>(and retaining it by snap-action, e.g. clips)</td>
</tr>
<tr>
<td>25/16</td>
<td>Elements projecting into a recess or through a hole in the articles</td>
</tr>
<tr>
<td>25/17</td>
<td>Grooves, ribs, or the like, situated on opposed walls and between which the articles are located</td>
</tr>
<tr>
<td>25/18</td>
<td>Devices, e.g. plates, presenting apertures through which the articles project</td>
</tr>
<tr>
<td>25/19</td>
<td>Linings or internal coatings (of containers made by folding or erecting blanks made of paper B65D 5/56 (; linings for domestic water storage heaters F24H 1/183))</td>
</tr>
<tr>
<td>25/20</td>
<td>Loose, or loosely-attached, linings</td>
</tr>
<tr>
<td>25/21</td>
<td>Spaced appreciably from container wall</td>
</tr>
<tr>
<td>25/22</td>
<td>External fittings (of containers made by folding or erecting blanks made of paper B65D 5/44)</td>
</tr>
<tr>
<td>25/23</td>
<td>(Means for the attachment of labels, cards, coupons or the like; (cards or coupons for the other types of rigid or semi-rigid containers B65D 25/36 takes precedence))</td>
</tr>
<tr>
<td>25/24</td>
<td>For facilitating lifting or suspending of containers</td>
</tr>
<tr>
<td>25/25</td>
<td>For spacing bases of containers from supporting surfaces, e.g. legs (for pallets B65D 19/40)</td>
</tr>
<tr>
<td>25/26</td>
<td>Handles (of containers made by folding or erecting blanks made of paper B65D 5/46; of bottles or jars B65D 23/10 (; holders for glasses, bottles, cartons, plastic bags, cans A47G 23/02))</td>
</tr>
</tbody>
</table>
Details of rigid or semi-rigid containers not otherwise provided for

25/2802 . . . (fixed, i.e. non-swingable, handles (B65D 25/2867, B65D 25/2882 take precedence))
25/2805 . . . (provided on a local area of the side walls)
25/2808 . . . . (Horizontal, e.g. U-shaped)
25/2811 . . . . (Vertical, e.g. U-shaped)
25/2814 . . . . (as a part or combined with a label or wrapping sheet or tube)
25/2817 . . . . (fixed by means of one or more collars)
25/282 . . . . (provided on a local area near to or at the upper edge or rim)
25/2823 . . . . (centrally located in open container)
25/2826 . . . . (provided on a local area of the upper (top) wall, e.g. U-shaped)
25/2829 . . . . (provided vertically and fixed to the upper and the lower rims or edges)
25/2832 . . . . (provided vertically and fixed to the upper or lower rim and to the side wall)
25/2835 . . . (Swingable handles (B65D 25/2867 and B65D 25/2882 take precedence; bails B65D 25/32))
25/2838 . . . . (provided on a local area of the side wall(s))
25/2841 . . . . (Horizontal, e.g. U-shaped)
25/2844 . . . . (Vertical, e.g. U-shaped)
25/2847 . . . . (as a part or combined with a label or wrapping sheet or tube)
25/285 . . . . (fixed by means of one or more collars)
25/2852 . . . . (provided on a local area near to or at the upper edge or rim)
25/2855 . . . . (centrally located in open container)
25/2858 . . . . (provided on a local area of the upper (top) wall, e.g. U-shaped)
25/2861 . . . . (provided vertically and fixed to the upper and the lower rims or edges)
25/2864 . . . . (provided vertically and fixed to the upper or lower rim and to the side wall)
25/2867 . . . (with respective ends fixed to local areas of two opposite sides or wall-part (bails B65D 25/32))
25/287 . . . . (Rope or string)
25/2873 . . . . (Straps or slings)
25/2876 . . . . (fixed by means of a collar)
25/2879 . . . . (wire-like)
25/2882 . . . (Integral handles (B65D 25/2867 takes precedence))
25/2885 . . . (provided on the side wall)
25/2888 . . . . (provided near to or at the upper edge or rim)
25/2891 . . . . (centrally located in open container)
25/2894 . . . . (provided on the top or upper wall)
25/2897 . . . . (formed in the wall(s), e.g. roughenings, cavities or projections)
25/30 . . . . Hand holes
25/32 . . . . Bail handles, i.e. pivoted (rigid) handles of generally semi-circular shape (with pivot points on two opposed sides or wall parts of the conainer)
25/325 . . . . (integrely formed with the container)
25/34 . . . . Coverings or external coatings (of containers made by folding or erecting blanks made of paper B65D 5/62; for bottles or jars B65D 23/08; wrappers B65D 65/00)
25/36 . . . . formed by applying sheet material

25/38 . . . Devices for discharging contents ((containers formed by folding or erecting paper blanks B65D 5/72); incorporated in removable or non-permanently secured closure members B65D 47/00; for discharging thin flat articles B65D 83/08)
25/385 . . . (with means for preventing inflammation or explosion during discharging of inflammable or explosive substances from containers, e.g. from petroleum cans)
25/40 . . . . Nozzles or spouts (in general B05B)
25/42 . . . . . Integral or attached nozzles or spouts
25/44 . . . . . . Telescopic or retractable nozzles or spouts
25/46 . . . . . . Hinged, {foldable} or pivoted nozzles or spouts
25/465 . . . . . . (the spout being either flexible or having a flexible wall portion, whereby the spout is foldable between a dispensing and a non-dispensing position)
25/48 . . . . . Separable nozzles or spouts
25/50 . . . . . arranged to be plugged in two alternate positions
25/52 . . . . . . Devices for discharging successive articles or portions of contents
25/525 . . . . . . (Svelling devices, comprising a bottom wall and two side walls)
25/54 . . . . . Inspection openings or windows
25/56 . . . . . with means for indicating level of contents

General kinds of flexible containers (large containers B65D 88/00)

27/00 Envelopes or like essentially-rectangular containers for postal or other purposes having no structural provision for thickness of contents (with shock-absorbing properties B65D 81/03; letter-cards B42D 15/00)
27/005 . . . (Linings)
27/02 . . . . with stiffening inserts
27/04 . . . . with apertures or windows for viewing contents
27/06 . . . . with provisions for repeated re-use
27/08 . . . . with two or more compartments
27/10 . . . . Chains of interconnected envelopes
27/12 . . . . Closures (separate fasteners B42F 1/00)
27/14 . . . . using adhesive applied to integral parts, e.g. flaps
27/16 . . . . using pressure-sensitive adhesive
27/18 . . . . using heat-activatable adhesive
27/20 . . . . using self-locking integral or attached elements
27/22 . . . . . Tongue-and-slot or like closures; Tuck-in flaps
27/24 . . . . . String closures
27/26 . . . . . Deformable metallic elements
27/28 . . . . . Applications of separate closing elements
27/30 . . . . . with special means for indicating unauthorised opening
27/32 . . . . . Opening devices incorporated during envelope manufacture (incorporated during closing of envelope B43M 5/00; separate devices for opening envelopes B43M 7/00)
27/34 . . . . . Lines of weakness
27/36 . . . . . Finger openings, slots, or gripping tabs
27/38 . . . . . Tearing-strings or -strips
29/00 (Sacks or like containers made of fabrics; Flexible containers of open-work, e.g. net-like construction)
29/02 . . . . (Sacks with laminated or multiple walls)
29/04 . . . . (Net-like containers made of plastics material)
General kinds of flexible containers

31/00 {Bags or like containers made of paper and having structural provision for thickness of contents (with shock-absorbing properties B65D 81/03)}

31/005 . . . (by folding a single blank to U-shape to form the base of the bag and opposite sides of the body-portion, the remaining sides being formed by extensions of one or more of these opposite sides (cartons B65D 5/18))

31/02 . . . [with laminated walls]

31/04 . . . [with multiple walls (B65D 81/3881 takes precedence; for shock absorbing purposes B65D 81/03)]

31/06 . . . [with rigid end walls]

31/08 . . . [with block bottoms]

31/10 . . . [with gusseted sides]

31/12 . . . [with two or more compartments]

31/14 . . . [valve bags, i.e. with valves for filling]

31/142 . . . [the filling port being formed by folding a flap connected to a side, e.g. block bottoms]

31/145 . . . [the filling port being provided in a flat upper sealing-edge]

31/147 . . . [the filling port being provided in a side wall]

31/16 . . . [of special shape]

31/18 . . . [triangular or conical bags]

33/00 Details of, or accessories for, sacks or bags

33/001 . . . [blocks, stacks or like assemblies of bags]

33/002 . . . [rolls, strips or like assemblies of bags]

33/004 . . . [information or decoration elements, e.g. level indicators, detachable tabs or coupons]

33/005 . . . [anti-slip or anti-skid bags, e.g. bags provided with anti-slip coating, ribs, strips]

33/007 . . . [for facilitating the separation of the two walls, e.g. walls of unequal height, tabs; for maintaining the mouth of the sack or bag open]

33/008 . . . [individual filled bags or pouches connected together (B65D 33/001; B65D 33/002 take precedence)]

33/01 . . . [ventilation or drainage of bags]

33/02 . . . [local reinforcements or stiffening inserts, e.g. wires, strings, strips or frames (B65D 33/007 takes precedence)]

33/04 . . . [windows or other apertures, e.g. for viewing contents (ventilation apertures B65D 33/01; windows for level indication B65D 33/004)]

33/06 . . . [handles (forming part of the closing arrangement B65D 33/16)]

33/065 . . . [integral handles (B65D 33/08 takes precedence)]

33/08 . . . [hand holes]

33/10 . . . [formed of similar material to that used for the bag]

33/105 . . . [U-shaped]

33/12 . . . [string handles]

33/14 . . . [suspension means (handles B65D 33/06)]

33/16 . . . [end- or aperture-closing arrangements or devices (valves of valve bags B65D 33/14; removable stoppers or caps B65D 39/00; B65D 41/00; closures of filled bags B65D 77/10; closing filled bags in association with packaging B65B 7/00, B65B 51/00)]

33/1608 . . . [integral flaps for tying above the bag]

33/1616 . . . [elements constricting the neck of the bag (hinged clips B65D 33/1675)]

33/1625 . . . [small plates or the like made of one piece and presenting slits or a central aperture to jam the neck of the bag]

33/1633 . . . [closed rings maintaining the constricted neck around an element, e.g. used as a handle or suspension means, with the element integral or non-integral with the ring]

33/1641 . . . [staples, clips or clamps made of metal]

33/165 . . . [flexible elongated elements integral with or attached to bags or sacks (draw closures B65D 33/28); fastening thereof to the bag before closing]

33/1658 . . . [elements for flattening or folding the mouth portion (B65D 33/30 takes precedence)]

33/1666 . . . [slitted tubes with or without a core; U-shaped clips made of one piece]

33/1675 . . . [hinged clips]

33/1683 . . . [a pair of interconnecting rigid strips made of plastic material, e.g. one or both being provided with a handle or suspension means]

33/1691 . . . [using adhesive applied to attached closure elements]

33/18 . . . [using adhesive applied to integral parts, e.g. to flaps]

33/20 . . . [using pressure-sensitive adhesive]

33/22 . . . [using heat-activatable adhesive]

33/24 . . . [using self-locking integral or attached closure elements, e.g. flaps (B65D 33/25 takes precedence)]

33/224 . . . [combination of flaps, slits, tongues or apertures, e.g. apertures serving as hand or finger holes]

33/246 . . . [turn-over flaps co-operating with a separate handle or suspension means]

33/25 . . . [riveting; dovetailing; screwing; using press buttons or slide fasteners]

33/2508 . . . [using slide fasteners with interlocking members having a substantially uniform section throughout the length of the fastener; sliders therefor]

**WARNING**

Groups B65D 33/2508 - B65D 33/259 are incomplete pending reclassification of documents from group B65D 33/2591.

Groups B65D 33/2508 - B65D 33/259 and B65D 33/2591 should be considered in order to perform a complete search.

33/2516 . . . . . . . [comprising tamper-indicating means, e.g. located within the fastener (provided in the slider B65D 33/2583)]

33/2525 . . . . . . . [located between the fastener and the product compartment]

33/2533 . . . . . . . [the slide fastener being located between the product compartment and the tamper indicating means]

33/2541 . . . . . . . [characterised by the slide fastener, e.g. adapted to interlock with a sheet between the interlocking members having sections of particular shape]

33/255 . . . . . . . [being provided with special visual, audible or tactile indicating means, e.g. indicating proper engagement (B65D 33/2516 takes precedence)]
General kinds of flexible containers

33/2558 . . . . (the slide fastener having a non-constant section throughout the length of the fastener, e.g. slightly undulated interlocking members or castellated stringers)
33/2566 . . . . [using two or more independently operable slide fasteners]
33/2575 . . . . (the slide fastener providing access to the bag through a bag wall, e.g. intended to be cut open by the consumer)
33/2583 . . . . (the slide fastener being attached to one wall only)
33/2584 . . . . [characterized by the slider]
33/2585 . . . . (being provided with tamper-indicating means)
33/2586 . . . . (being provided with a separating plow)
33/25865 . . . . (reaching between the interlocking fastener profiles)
33/2587 . . . . (the slider being made out of a plurality of pieces)
33/2588 . . . . (being provided with flexing or moving parts)
33/2589 . . . . (Bag or slide fastener details cooperating with the slider, e.g. details for removing or installing the slider)
33/259 . . . . [End stops]
33/2591 . . . . (using slide fasteners with interlocking members having a substantially uniform section throughout the length of the fastener and operated with a slider)

**WARNING**

Group B65D 33/2591 is no longer used for the classification of documents as of February 1, 2020.

The content of this group is being reclassified into groups B65D 33/2508 - B65D 33/259.

All groups listed in this Warning should be considered in order to perform a complete search.

33/26 . . using staples or stitches ([B65D 33/1641 takes precedence])
33/28 . . Strings or strip-like closures, i.e. draw closures
33/30 . . Deformable or resilient metal or like strips or bands ([B65D 33/1616 takes precedence])
33/32 . . Metallic chain closures
33/34 . . with special means for indicating unauthorised opening ([B65D 33/2516, B65D 33/2585 take precedence])

**WARNING**

Group B65D 33/34 is impacted by reclassification into group B65D 33/2585.

Groups B65D 33/34 and B65D 33/2585 should be considered in order to perform a complete search.

35/04 . . made in one piece
35/06 . . from metallic material
35/08 . . from plastics material
35/10 . . made by uniting or interconnecting two or more components
35/12 . . Connections between body and closure-receiving bush
35/14 . . with linings or inserts
35/16 . . for minimising or preventing corrosion of body
35/18 . . for keeping body in rolled state after partial expulsion of contents
35/20 . . for retracting contents
35/22 . . with two or more compartments
35/24 . . with auxiliary devices (linings or inserts B65D 35/14)
35/242 . . [for mixing or discharging of two or more components]
35/245 . . [Suspension means integral with, or attached to the container (B65D 51/242 takes precedence)]
35/247 . . [the tubular container being provided on its internal surfaces with press buttons or the like for maintaining the container in compressed state]
35/26 . . for filling
35/28 . . for expelling contents
35/285 . . [Co-operating squeezing supporting rollers]
35/30 . . Pistons
35/32 . . Winding keys
35/34 . . connected to, or associated with, tube holders
35/36 . . for applying contents to surfaces (brushes combined or associated with tubular containers A46B 11/00)
35/38 . . Nozzles
35/40 . . for metering discharge
35/42 . . for preventing loss of removable closure members
35/44 . . Closures (closure members of interest apart from this application B65D 39/00 - B65D 55/00: forming bottom closures after filling B65B 7/14)
35/46 . . with valves (bureau accessories for applying liquids, e.g. adhesive, B43M 11/00)
35/56 . . Holders for collapsible tubes ([B65D 51/249 takes precedence])
35/565 . . (the holder being attached to a wall or suspended from a panel (B65D 35/285 takes precedence))

37/00 Portable flexible containers not otherwise provided for

35/00 Pliable tubular containers adapted to be permanently [or temporarily] deformed to expel contents, e.g. collapsible tubes for toothpaste or other plastic or semi-liquid material; Holders therefor

35/02 . . Body construction
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems:

Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems: closure flaps or lids attached to, or incorporated in, containers, or foldable or erectable container blanks, made of paper B65D 3/00; B65D 5/00; closure walls of containers specially constructed to be opened by cutting, piercing, or tearing of wall portions B65D 17/00; applying closure members to bottles, jars, or similar containers B67B; covers or similar closure members, for pressure vessels in general F16J 13/00; Parts of containers co-operating with closure members or characterised by the form of closure member (for large containers B65D 90/00)

39/00 Closures arranged within necks or pouring openings or in discharge apertures, e.g. stoppers (lids or covers B65D 43/00; with additional securing elements B65D 45/00)

NOTE

In this group, the indexing codes of B65D 2539/00 are used

39/0005 . . [made in one piece (B65D 39/02, B65D 39/04, B65D 39/06, B65D 39/08 take precedence)]
39/0011 . . [from natural or synthetic cork, e.g. for wine bottles or the like]
39/0017 . . [Injection-molded plastic closures for "Champagne"- or "Sekt"-type bottles]
39/0023 . . [Plastic cap-shaped hollow plugs]
39/0029 . . [Plastic closures other than those covered by groups B65D 39/0011 - B65D 39/0023]
39/0035 . . [Swing or hinged stoppers, e.g. for "Grolsch"-type bottles (toggle mechanisms B65D 45/06 or B65D 45/16)]
39/0041 . . [Bungs, e.g. wooden or rubber, for barrels or the like (B65D 39/08 takes precedence)]
39/0047 . . [Glass, ceramic or metal stoppers for perfume bottles or the like (B65D 39/0035 takes precedence)]
39/0052 . . [made in more than one piece (B65D 39/02, B65D 39/04, B65D 39/06, B65D 39/08 take precedence)]
39/0058 . . [from natural or synthetic cork, e.g. for wine bottles or the like]
39/0064 . . [Injection-molded plastic closures for "Champagne"- or "Sekt"-type bottles]
39/007 . . [Plastic cap-shaped hollow plugs]
39/0076 . . [Plastic closures other than those covered by groups B65D 39/0058 - B65D 39/007]
39/0082 . . [Swing or hinged stoppers, e.g. for "Grolsch"-type bottles (toggle mechanisms B65D 45/06 or B65D 45/16)]
39/0088 . . [Bungs, e.g. wooden or rubber, for barrels or the like (B65D 39/08 takes precedence)]
39/0094 . . [Glass, ceramic or metal stoppers for perfume bottles or the like (B65D 39/0082 takes precedence)]
39/02 . . Disc closures (discs with flanges B65D 39/04)
39/025 . . [the closure being maintained in place by an additional element]
39/04 . . Cup-shaped plugs or like hollow flanged members
39/06 . . Balls
39/08 . . Threaded or like closure members secured by rotation; Bushes therefor
39/082 . . {Separated bung-rings made by one element}
39/084 . . {Separated bung-rings made by several elements}
39/088 . . {Bungs with special means facilitating handling thereof}
39/10 . . with bayonet cams
39/12 . . expansible, e.g. inflatable
39/14 . . extending through lateral openings in necks
39/16 . . with handles or other special means facilitating manual actuation

41/00 Caps, e.g. crown caps or crown seals, i.e. members having parts arranged for engagement with the external periphery of a neck or wall defining a pouring opening or discharge aperture; Protective cap-like covers for closure members, e.g. decorative covers of metal foil or paper (B65D 45/00 takes precedence)
41/005 . . [with integral sealing means (B65D 41/02 takes precedence)]
41/02 . . Caps or cap-like covers without lines of weakness, tearing strips, tags, or like opening or removal devices
41/023 . . [with integral internal sealing means]
41/026 . . [Caps or cap-like covers attached to the bottle neck by sliding them perpendicularly to the neck axis]
41/04 . . Threaded or like caps or cap-like covers secured by rotation
41/0407 . . [with integral sealing means (B65D 41/065 takes precedence)]
41/0414 . . . . [formed by a plug, collar, flange, rib or the like contacting the internal surface of a container neck]
41/0421 . . . . [and combined with integral sealing means contacting other surfaces of a container neck]
41/0428 . . . . [formed by a collar, flange, rib or the like contacting the top rim or the top edges or the external surface of a container neck (B65D 41/0421 takes precedence)]
41/0435 . . . . [with separate sealing elements]
41/0442 . . . . [Collars or rings (B65D 41/457 takes precedence)]
41/045 . . . . [Discs (B65D 41/457 takes precedence)]
41/0457 . . . . [the sealing element covering or co-operating with the screw-thread or the like of a container neck]
41/0464 . . . . [the screw-thread or the like being formed by conforming the cap-skirt to the thread or the like formation on a container neck]
41/0471 . . . . [with means for positioning the cap on the container, or for limiting the movement of the cap, or for preventing accidental loosening of the cap]
41/0478 . . . . [the cap being formed by several elements connected together]
41/0485 . . . . [with means specially adapted for facilitating the operation of opening or closing]
41/0492 . . . . [formed by several elements connected together (B65D 41/0478 takes precedence)]
41/06 . . with bayonet cams [, i.e. removed by first pushing axially to disengage the cams and then rotating]
41/065 . . . . [with integral internal sealing means]
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems:...

41/08 . . . engaging a threaded ring clamped on the external periphery of the neck or wall
41/083 . . . (engaging a bung-ring clamped on the neck or in the wall)
41/086 . . . [with integral internal sealing means]
41/10 . . . Caps or cap-like covers adapted to be secured in position by permanent deformation of the wall-engaging parts
41/105 . . . [with integral internal sealing means]
41/12 . . . made of relatively stiff metallic materials, e.g. crown caps
41/125 . . . [with integral internal sealing means]
41/14 . . . made of metallic foil or like thin flexible material
41/145 . . . [with integral internal sealing means]
41/16 . . . Snap-on caps or cap-like covers
41/165 . . . [with integral internal sealing means]
41/17 . . . push-on and twist-off
41/18 . . . non-metallic, e.g. made of paper or plastics
41/185 . . . [with integral internal sealing means]
41/20 . . . Caps or cap-like covers with membranes, e.g. arranged to be pierced
41/205 . . . [with integral internal sealing means]
41/22 . . . Caps or cap-like covers with elastic parts adapted to be stretched over the container
41/225 . . . [with integral internal sealing means]
41/24 . . . Caps or cap-like covers made of shrinkable material or formed in situ by dipping, e.g. using gelatine or celluloid
41/245 . . . [with integral internal sealing means]
41/26 . . . Caps or cap-like covers serving as, or incorporating, drinking or measuring vessels
41/265 . . . [with integral internal sealing means]
41/28 . . . Caps combined with stoppers
41/30 . . . Deformable caps combined with resilient stoppers to permit re-use as temporary closures
41/32 . . . Caps or cap-like covers with lines of weakness, tearing-strips, tags, or like opening or removal devices, e.g. to facilitate formation of pouring openings
41/325 . . . [with integral internal sealing means]
41/34 . . . Threaded or like caps or cap-like covers (provided with tamper elements formed in, or attached to, the closure skirt)
41/3404 . . . [with ratchet-and-pawl mechanism between the container and the closure skirt]
41/3409 . . . [the tamper element being integrally connected to the closure by means of bridges]
41/3414 . . . [with drive means between closure and tamper element]
41/3419 . . . [the tamper element being formed separately but connected to the closure]
41/3423 . . . [with flexible tabs, or elements rotated from a non-engaging to an engaging position, formed on the tamper element or in the closure skirt (B65D 41/3404 takes precedence)]
41/3428 . . . [the tamper element being integrally connected to the closure by means of bridges]
41/3433 . . . [with drive means between closure and tamper element]
41/3438 . . . [the tamper element being formed separately but connected to the closure]
41/3442 . . . [with rigid bead or projections formed on the tamper element and coacting with bead or projections on the container (B65D 41/3404 takes precedence)]
41/3447 . . . [the tamper element being integrally connected to the closure by means of bridges]
41/3452 . . . [with drive means between closure and tamper element]
41/3457 . . . [the tamper element being formed separately but connected to the closure]
41/3461 . . . [the tamper element being retracted by heat or by heat and pressure]
41/3466 . . . [and being integrally connected to the closure by means of bridges]
41/3471 . . . [with drive means between closure and tamper element]
41/3476 . . . [and being formed separately but connected to the closure]
41/348 . . . [the tamper element being rolled or pressed to conform to the shape of the container, e.g. metallic closures (B65D 41/3404, B65D 41/3423 take precedence)]
41/3485 . . . [having tear-off strips]
41/349 . . . [the tamper element being formed separately but connected to the closure]
41/3495 . . . [the tamper element being bonded or adhered to the container wall (B65D 41/3461 takes precedence)]
41/36 . . . with bayonet cams, i.e. removed by first pushing axially to disengage the cams and then rotating
41/365 . . . [with integral internal sealing means]
41/38 . . . engaging a threaded ring clamped on the external periphery of the neck or wall
41/385 . . . [with integral internal sealing means]
41/40 . . . Caps or cap-like covers adapted to be secured in position by permanent deformation of the wall-engaging parts
41/405 . . . [with integral internal sealing means]
41/42 . . . made of relatively-stiff metallic material, e.g. crown caps
41/425 . . . [with integral internal sealing means]
41/44 . . . made of metallic foil or like thin flexible material
41/445 . . . [with integral internal sealing means]
41/46 . . . Snap-on caps or cap-like covers
41/465 . . . [with integral internal sealing means]
41/47 . . . push-on and twist-off
41/48 . . . non-metallic, e.g. made of paper or plastics
41/485 . . . [with integral internal sealing means]
41/50 . . . Caps or cap-like covers with membranes, e.g. arranged to be pierced
41/505 . . . [with integral internal sealing means]
41/52 . . . Caps or cap-like covers with elastic parts adapted to be stretched over the container
41/525 . . . [with integral internal sealing means]
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems :

43/02 Lids or covers for rigid or semi-rigid containers (for cooking vessels A47J 36/06; covers for pressure vessels in general F16D 13/00)

43/02 . . . Removable lids or covers (with means for piercing, cutting, or tearing a frangible inner closure B65D 51/22)

43/0202 . . . {without integral tamper element}

43/0204 . . . {secured by snapping over beads or projections}

43/0206 . . . {inside a peripheral U-shaped channel in the mouth of the container}

43/0208 . . . {on both the inside and the outside of the mouth of the container (B65D 43/0206 takes precedence})

43/021 . . . {only on the inside, or a part turned to the inside, of the mouth (B65D 43/0206 takes precedence})

43/0212 . . . {only on the outside, or a part turned to the outside, of the mouth (B65D 43/0206 takes precedence})

43/0214 . . . {secured only by friction or gravity (B65D 43/0204 takes precedence})

43/0216 . . . {inside a peripheral U-shaped channel in the mouth of the container}

43/0218 . . . {on both the inside and the outside of the mouth of the container (B65D 43/0216 takes precedence})

43/022 . . . {only on the inside, or a part turned to the inside, of the mouth of the container (B65D 43/0216 takes precedence})

43/0222 . . . {only on the outside, or a part turned to the outside, of the mouth of the container (B65D 43/0216 takes precedence})

43/0225 . . . {secured by rotation}

43/0227 . . . {inside a peripheral U-shaped channel in the mouth of the container}

43/0229 . . . {only on the inside, or a part turned to the inside, of the mouth of the container (B65D 43/0227 takes precedence})

43/0231 . . . {only on the outside, or a part turned to the outside, of the mouth of the container (B65D 43/0227 takes precedence})

43/0233 . . . {secured by rolling or other plastic deformation}

43/0235 . . . {with integral tamper element}

43/0237 . . . {secured by snapping over beads or projections before removal of the tamper element}

43/0239 . . . {inside a peripheral U-shaped channel in the mouth of the container}

43/0241 . . . {leaving only an inside snap after removal of the tamper element}
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems...
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems:...

47/046 . . . . . . . (Closures with swivelling dispensing devices (containers with swivelling devices comprising a bottom wall and two side walls B65D 25/525))
47/06 . . . . . . . with pouring spouts or tubes; with discharge nozzles or passages (with slidable spouts B65D 47/26)
47/061 . . . . . . . [with telescopic, retractable or reversible spouts, tubes or nozzles]
47/063 . . . . . . . [with flexible parts]
47/065 . . . . . . . [with hinged, foldable or pivotal spouts]
47/066 . . . . . . . [the spout being either flexible or having a flexible wall portion, whereby the spout is foldable between a dispensing and a non-dispensing position (B65D 47/2043 takes precedence)]
47/068 . . . . . . . [with removable spouts which can be plugged in a discharging and in a closing position] (B65D 55/16 takes precedence)
47/08 . . . . . . . having articulated or hinged closures
47/0804 . . . . . . . [integrity formed with the base element provided with the spout or discharge passage]
47/0809 . . . . . . . [and elastically biased towards both the open and the closed positions]
47/0814 . . . . . . . [by at least three hinge sections, at least one having a length different from the others]
47/0819 . . . . . . . [by cam action, e.g. interacting protrusions]
47/0823 . . . . . . . [and elastically biased towards the closed position only]
47/0828 . . . . . . . [and elastically biased towards the open position only]
47/0833 . . . . . . . [Hinges without elastic bias]
47/0838 . . . . . . . [located at an edge of the base element]
47/0842 . . . . . . . [consisting of a strap of flexible material]
47/0847 . . . . . . . [located within a flat surface of the base element]
47/0852 . . . . . . . [consisting of a strap of flexible material]
47/0857 . . . . . . . [made separately from the base element provided with the spout or discharge passage]
47/0861 . . . . . . . [and elastically biased towards both the open and the closed positions]
47/0866 . . . . . . . [and elastically biased towards the closed position only]
47/0871 . . . . . . . [and elastically biased towards the open position only]
47/0876 . . . . . . . [Hinges without elastic bias]
47/088 . . . . . . . [located at an edge of the base element]
47/0885 . . . . . . . [one part of the hinge being integral with the hinged closure and the other part with the base element, without any other additional hinge element]
47/089 . . . . . . . [located within a flat surface of the base element]
47/0895 . . . . . . . [one part of the hinge being integral with the hinged closure and the other part with the base element, without any other additional hinge element]
47/10 . . . . . . . having frangible closures
47/103 . . . . . . . (Membranes with a tearing element)
47/106 . . . . . . . [with devices for removing frangible parts of the pouring element or of its closure]
47/12 . . . . . . . having removable closures
47/121 . . . . . . . [Stoppers]
47/122 . . . . . . . [Threaded caps]
47/123 . . . . . . . [with internal parts]
47/125 . . . . . . . [Caps with bayonet cams]
47/126 . . . . . . . [with internal parts]
47/127 . . . . . . . [Snap-on caps]
47/128 . . . . . . . [with internal parts]
47/14 . . . . . . . and closure-retaining means
47/141 . . . . . . . [for stoppers]
47/142 . . . . . . . [for threaded caps]
47/143 . . . . . . . [with internal parts]
47/145 . . . . . . . [for caps with bayonet cams]
47/146 . . . . . . . [with internal parts]
47/147 . . . . . . . [for snap-on caps]
47/148 . . . . . . . [with internal parts]
47/16 . . . . . . . with closures operating automatically when spout is immersed in discharged liquid
47/18 . . . . . . . for discharging drops; Dippers (dippers in general B01L 3/00; pipettes connected to container closures B01L 3/0282))
47/185 . . . . . . . [with sprinkling devices]
47/20 . . . . . . . comprising hand-operated members for controlling discharge (closures with liquid-dispensing tups or cocks B67D 3/04)
47/2006 . . . . . . . [formed by a rigid spout outlet opened by tilting of the spout outlet]
47/2012 . . . . . . . [formed by a rigid spout outlet and an overcap, the spout outlet being either pushed into alignment with, or pushed through an opening in the overcap, upon rotation of the latter]
47/2018 . . . . . . . [comprising a valve or like element which is opened or closed by deformation of the container or closure]
47/2025 . . . . . . . [Flexible bung-type elements]
47/2031 . . . . . . . [the element being formed by a slit, narrow opening or constrictable spout, the size of the outlet passage being able to be varied by increasing or decreasing the pressure (B65D 47/2025 takes precedence)]
47/2037 . . . . . . . [the element being opened or closed by actuating a separate element which causes the deformation, e.g. screw cap closing container slit]
47/2043 . . . . . . . [the separate element being formed by an overcap which constricts a spout, the spout being either pushed into alignment with, or pushed through, an opening in the overcap upon rotation of the latter]
47/205 . . . . . . . [the valve being formed by a tubular flexible sleeve surrounding a rod-like element provided with at least one radial passageway which is normally closed by the sleeve]
47/2056 . . . . . . . [lift valve type (lift valves not opened by deformation B65D 47/24)]
47/2062 . . . . . . . [in which the deformation raises or lowers the valve stem]
47/2068 . . . . . . . [in which the stem is lowered by the pressure of the contents and thereby opening the valve]
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing

problems : ...
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems:

50/061 . . . [being disengageable from container only after rotational alignment of closure, or other means inhibiting removal of closure, with container, e.g. tortuous path type (B65D 55/145 takes precedence)]

50/062 . . . . [the closure removal inhibiting means being a displaceable ring]

50/063 . . . . [the closure or container being provided with two spaced sets of screw threads or the like]

50/064 . . . . [at least one of the sets of threads being formed in a separate ring]

50/065 . . . . [with separate ring having to be axially displaced to permit user to access closure (B65D 50/062, B65D 50/064 take precedence; radial pressure applying means B65D 45/32)]

50/066 . . . . [whereby parts of the container or closure having to be deformed, i.e. bi-stable movement (B65D 50/045 takes precedence)]

50/067 . . . . [using integral or non-integral accessories, e.g. tool, key (B65D 50/062, B65D 50/064, B65D 50/065 take precedence)]

50/068 . . . . [the closure comprising an inner closure and a freely rotating outer cap or sleeve whereby a tool, key or the like is inserted between the two closure elements to enable removal of the closure]

50/069 . . . . [the closure being provided with a retractable element whereby the closure is removed by extending or raising the retractable element and exerting a lifting force on this element]

51/00 Closures not otherwise provided for (covers or similar closures as engineering elements for pressure vessels in general F16d 13/00)

51/002 . . . [Closures to be pierced by an extracting-device for the contents and fixed on the container by separate retaining means]

51/005 . . . [Closures provided with linings or internal coatings so as to avoid contact of the closure with the contents]

51/007 . . . [Separate closure devices for reclosing opened cans or tins, e.g. beer cans]

51/02 Loosely-engaging lids or covers for jars, cans, or like containers for liquids without means for effecting sealing of container (for cooking-vessels A47J 36/06)

51/04 . . . hinged (B65D 51/10 takes precedence)

51/06 . . . collapsible

51/08 . . . with axial projections fitting within, or around, the walls defining the openings, e.g. for milk churns

51/10 . . . opening automatically when container is tilted for pouring

51/12 . . . Flexible non-elastic covers

51/14 Rigid discs or spherical members adapted to be held in sealing engagement with mouth of container, e.g. closure plates for preserving jars

51/145 . . . [by means of an additional element connected directly to the container]

51/16 . . . with means for venting air or gas

51/1605 . . . [whereby the interior of the container is maintained in permanent gaseous communication with the exterior]

51/1611 . . . [by means of an orifice, capillary or labyrinth passage (B65D 51/1616, B65D 51/1622 take precedence)]

51/1616 . . . [by means of a filter]

51/1622 . . . [by means of a passage for the escape of gas between the closure and the lip of the container mouth]

51/1627 . . . [the closure being for a box-like container]

51/1633 . . . [whereby venting occurs by automatic opening of the closure, container or other element]

51/1638 . . . [by means of an element bursting upon a predetermined pressure in the container being exceeded]

51/1644 . . . [the element being a valve (B65D 51/1661 takes precedence)]

51/165 . . . [formed by a slit or narrow opening]

51/1655 . . . [formed by an elastic band closing an opening in a tubular part of the closure encircled by said band]

51/1661 . . . [by means of a passage for the escape of gas between the closure and the lip of the container mouth]

51/1666 . . . [the closure being for a box-like container]

51/1672 . . . [whereby venting occurs by manual actuation of the closure or other element]

51/1677 . . . [by rupturing a portion of the closure]

51/1683 . . . [by actuating a separate element in the container or closure]

51/1688 . . . [Venting occurring during initial closing or opening of the container, by means of a passage for the escape of gas between the closure and the lip of the container mouth, e.g. interrupted threads]

51/1694 . . . [the closure being for a box-like container]

51/18 Arrangements of closures with protective outer cap-like covers or of two or more co-operating closures (B65D 51/247 takes precedence)

51/185 . . . [the outer closure being a foil membrane]

51/20 Caps, lids, or covers co-operating with an inner closure arranged to be opened by piercing, cutting, or tearing (B65D 51/185 takes precedence; co-operating with an auxiliary container for additional articles or materials B65D 51/28)

51/22 . . . having means for piercing, cutting, or tearing the inner closure

51/221 . . . [a major part of the inner closure being left inside the container after the opening]

51/222 . . . [the piercing or cutting means being integral with, or fixedly attached to, the outer closure]

51/223 . . . . . [the outer closure having to be removed or inverted for piercing or cutting]

51/224 . . . . . [the outer closure comprising flexible parts (B65D 51/233 takes precedence)]

51/225 . . . [and further comprising a device first inhibiting displacement of the outer closure (B65D 51/223 takes precedence)]

51/226 . . . . . [the piercing or cutting means being non integral with, or not fixedly attached to, the outer closure]
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems:

51/227 . . . . . . {and further comprising a device first inhibiting displacement of the piercing or cutting means}
51/228 . . . . . . {a major part of the inner closure being removed from the container after the opening}
51/24 . combined (or co-operating) with auxiliary devices for non-closing purposes
51/241 . . . {provided with freeze-drying means}
51/242 . . . {provided with means for facilitating lifting or suspending of the container}
51/243 . . . {combined with an opening device (B65D 51/22 takes precedence)}
51/244 . . . {provided with oxygen absorbers}
51/245 . . . {provided with decoration, information or contents indicating devices, labels (B65D 81/366 takes precedence)}
51/246 . . . {provided with eating utensils or spatulas (applicator rods or brushes B65D 51/32)}
51/247 . . . {located between an inner and an outer closure}
51/248 . . . {the closure being provided with transient audible or visual signaling means, e.g. for indicating dispensing, or other illuminating or acoustic devices, e.g. whistles (B65D 55/026, B65D 55/028 take precedence; for indicating incorrect storage B65D 79/02)}
51/249 . . . {the closure being specifically formed for supporting the container}
51/26 . . . {with means for keeping contents in position, e.g. resilient means}
51/28 . . . {with auxiliary containers for additional articles or materials (B65D 51/247 takes precedence)}
51/2807 . . . . {the closure presenting means for placing the additional articles or materials in contact with the main contents by acting on a part of the closure without removing the closure, e.g. by pushing down, pulling up, rotating or turning a part of the closure, or upon initial opening of the container}
51/2814 . . . . {the additional article or materials being released by piercing, cutting or tearing an element enclosing it}
51/2821 . . . . {said element being a blister, a capsule or like sealed container}
51/2828 . . . . {said element being a film or a foil (B65D 51/2821, B65D 51/2842 take precedence)}
51/2835 . . . . {ruptured by a sharp element, e.g. a cutter or a piercer}
51/2842 . . . . {said element being provided with a preformed weakened line (B65D 51/2821 takes precedence)}
51/285 . . . . . {ruptured by a sharp element, e.g. a cutter or a piercer}
51/2857 . . . . {the additional article or materials being released by displacing or removing an element enclosing it (B65D 51/2814 takes precedence)}
51/2864 . . . . {the element being a plug or like element closing a passage between the auxiliary container and the main container}
51/2871 . . . . {the plug falling into the main container}

51/2878 . . . . . . {the element being a lid or cover seated on a passage between the auxiliary container and the main container}
51/2885 . . . . . . {the element being the auxiliary container falling into the main container, the additional article or materials in solid block form falling into the main container}
51/2892 . . . . . . {the element, e.g. a valve, opening an aperture of the auxiliary container (B65D 51/2864, B65D 51/2878 take precedence)}
51/30 . . . . . . for desiccators
51/32 . . . . . . with brushes or rods for applying or stirring contents (droppers B65D 47/18; (eating utensils or spatulas B65D 51/246))

53/00 Sealing or packing elements (sealings in general F16J 15/00); Sealings formed by liquid or plastics material

NOTE
Sealings or packing means combined with particular closures are classified with the closures, e.g. in subgroups of B65D 39/00 together with indexing codes out of B65D39/00, or in the groups B65D 41/005, B65D 41/043

53/02 . Collars or rings
53/04 . Discs
53/06 . Sealings formed by liquid or plastic material
53/08 . Flexible adhesive strips adapted to seal filling or discharging apertures

WARNING
Group B65D 53/08 is incomplete pending reclassification of documents from groups B65D 17/50 – B65D 17/508.
Groups B65D 53/08 and B65D 17/50 – B65D 17/508 should be considered in order to perform a complete search.

53/10 . characterised by special adaptation to acid-proof vessels

55/00 Accessories for container closures not otherwise provided for

55/02 . Locking devices; Means for discouraging or indicating unauthorised opening or removal of closure (B65D 41/32 takes precedence; protective covers for bottles B65D 23/08; protective cap-like outer covers for bottle or jar closures B65D 41/62; pressure-applying means B65D 45/00; closures with means for discouraging unauthorised opening or removal of closures B65D 50/00)

55/022 . . . {with ratchet effect between relatively rotating parts (B65D 41/3404, B65D 50/04 take precedence)}
55/024 . . . {Closures in which a part has to be ruptured to gain access to the contents (B65D 41/32, B65D 43/0235, B65D 55/022, B65D 55/06 take precedence)}
55/026 . . . {initial opening or unauthorised access being indicated by a visual change using indicators other than tearable means, e.g. change of colour, pattern or opacity (B65D 55/066 takes precedence)}
Closure members for rigid or semi-rigid containers or for flexible containers presenting similar closing problems:...

55/028 . . . [initial opening or unauthorised access being indicated by the presence or absence of an audible or electrical signal]

55/04 . . . Spring clips, e.g. of wire or of sheet metal

55/06 . . . Deformable or tearable wires, strings, or strips (containers specially constructed to be opened by tear-strips, strings or the like B65D 17/00; caps or cap-like closures with tear-strips B65D 41/32)

55/08 . . . Use of seals, e.g. destructible locking pins (B65D 55/022 takes precedence)

55/082 . . . [Muzzles]

55/066 . . . [Foil covers combined with outer closures and comprising interacting or interposed tamper indicating means visible through the outer closure, e.g. releasable coloured dyes, changeable patterns, pierceable membranes, visible through a transparent closure or through a window]

55/08 . . . Annuar elements encircling container necks

55/081 . . . [Destructible filamentary elements (non-destructible elements B65D 45/322)]

55/081 . . . [Destructible or permanently removable bands, e.g. adhesive]

55/0827 . . . [Separate tamper bands inserted between container and closure (B65D 41/32 takes precedence)]

55/0836 . . . . [Metallic strips, e.g. soldered on container and lid (containers with integral tearing strips with tongues or tags for engagement by slotted keys B65D 17/464)]

55/0845 . . . . [Metallic strips or cap-like collars having their edges crimped over part of the container and closure or other element, e.g. with C-shaped cross-section]

55/0845 . . . . [Shrink-film bands (B65D 41/54, B65D 41/62 take precedence)]

55/0863 . . . . [Plastic snap-on cap-like collars having frangible parts (collar for maintaining rigid discs in sealing engagement with mouth of containers B65D 51/145)]

55/0872 . . . . [Destructible rigid elements snapping into annular grooves in closure for maintaining closure on container (non-destructible elements B65D 45/322)]

55/0881 . . . . [Closure not directly connected to container, but connected by means of a destructible intermediate ring (B65D 55/0863 takes precedence)]

55/089 . . . . [Annular tamper band connected to the closure, but not coacting with the container for preventing initial downward motion, e.g. on two-parts child-proof closures (B65D 41/32 takes precedence)]

55/10 . . . Locking pins [destructible locking pins B65D 55/06]

55/12 . . . Devices or means with relatively-moving parts co-operating with abutments on bottle or jar (B65D 55/022 takes precedence)

55/14 . . . Applications of locks, e.g. of permutation or key-controlled locks

55/145 . . . . [of permutation locks]

55/16 . . . Devices preventing loss of removable closure members

55/165 . . . . [by an element constrained within the container neck, i.e. the element passing through the container opening]

Kinds or types of packaging elements

57/00 Internal frames or supports for flexible articles, e.g. stiffeners; Separators for articles packaged in stacks or groups, e.g. for preventing adhesion of sticky articles {((B65D 71/70 takes precedence)}

WARNING

Group B65D 57/00 is impacted by reclassification into groups B65D 57/00 - B65D 57/006.

All groups listed in this Warning should be considered in order to perform a complete search.

57/002 . . . {Separators for articles packaged in stacks or groups, e.g. stacked or nested}

WARNING

Groups B65D 57/002 – B65D 57/006 are incomplete pending reclassification of documents from group B65D 57/00.

Groups B65D 57/002 – B65D 57/006 and B65D 57/00 should be considered in order to perform a complete search.

57/003 . . . . {for horizontally placed articles, i.e. for stacked or nested articles}

57/004 . . . . . [the articles being substantially flat panels, e.g. wooden planks]

57/005 . . . . . [Separators for vertically placed articles]

57/006 . . . . . [the articles being substantially flat panels, e.g. wooden planks or photovoltaic panels]

59/00 Plugs, sleeves, caps, or like rigid or semi-rigid elements for protecting parts of articles or for bundling articles, e.g. protectors for screw-threads, end caps for tubes or for bundling rod-shaped articles {stopping flow from or in pipes or hoses by means of plugs F16L 55/11, by means of caps F16L 55/115; protection of pipes or objects of similar shape against external or internal damage or wear F16L 57/00)}

59/02 . . . . . . Plug

59/04 . . . . . . Sleeves, e.g. postal tubes

59/06 . . . . . . Caps

59/08 . . . . . . of polygonal cross-section

61/00 External frames or supports adapted to be assembled around, or applied to, articles (collapsible containers B65D 5/00, B65D 7/24, B65D 9/12, B65D 11/18)

61/02 . . . . Tubular frames with resilient joints

63/00 Flexible elongated elements, e.g. straps, for bundling or supporting articles {attached to or integral with bags or sacks B65D 33/165; for securing load B60P 7/0823)}

63/02 . . . . Metallic straps, tapes, or bands; Joints between ends thereof

63/04 . . . . . Joints produced by deformation of ends of elements

63/06 . . . . . Joints produced by application of separate securing members, e.g. by deformation thereof
Kinds or types of packaging elements

65/00 Wrappers or flexible covers; Packaging materials of special type or form (wrappers or envelopes with shock-absorbing properties B65D 81/03; layered products per se B32B; materials per se, see the relevant classes)

NOTE
Attention is drawn to the definition of "packaging element" in Note (5) following the title of this subclass

65/02 Wrappers or flexible covers
65/04 non-rectangular
65/06 . . . formed with foldable flaps, e.g. interlocking flaps
65/08 . . . with fastening elements, e.g. slide fasteners
65/10 rectangular
65/12 . . . formed with crease lines to facilitate folding
65/14 . . . with areas coated with adhesive
65/16 . . . with provision for excluding or admitting light
65/18 . . . with some areas transparent and others opaque
65/20 . . . with provision for excluding light of a particular wavelength
65/22 Details
65/24 . . . Tabs or other projections for locating contents
65/38 . . . Packaging materials of special type or form

65/40 . . . Applications of laminates for particular packaging purposes ( B65D 1/0215, B65D 1/28, B65D 3/22, B65D 5/0281, B65D 5/563, B65D 9/30, B65D 29/02, B65D 31/02, B65D 75/26, B65D 77/2024, B65D 81/1275, B65D 81/3811, B65D 81/3823, B65D 81/3834, B65D 81/3846, B65D 81/3858, B65D 81/3874, B65D 81/3886, B65D 81/3897 take precedence; laminates per se or laminated packages characterised by the composition or)

NOTE
(A packaging purpose covered by another group of B65D should be classified in that group of B65D and in B32B)

65/403 . . . [with at least one corrugated layer]
65/406 . . . [with at least one layer provided with a relief other than corrugations]
65/42 . . . Applications of coated or impregnated materials
65/44 . . . Applications of resilient shock-absorbing materials, e.g. foamed plastics material, honeycomb material
65/46 . . . Applications of disintegrable, dissolvable or edible materials
65/463 . . . [Edible packaging materials]
65/466 . . . [Bio- or photodegradable packaging materials]

67/00 Kinds or types of packaging elements not otherwise provided for ( B65D 5/425 takes precedence)

67/02 . . . Clips or clamps for holding articles together for convenience of storage or transport

Kinds or types of packages

69/00 Articles joined together for convenience of storage or transport without the use of packaging elements (packages joined together B65D 5/427, B65D 21/02); joining articles for convenience of storage B65B 12/02)

71/00 Bundles of articles held together by packaging elements for convenience of storage or transport, e.g. portable segregating carrier for plural receptacles such as beer cans or pop bottles; Bales of material

71/003 . . . [Tray-like elements provided with handles, for storage or transport of several articles, e.g. bottles, tins, jars]
71/0007 . . . [without partitions]
71/0011 . . . [with separately-attached handles]
71/0014 . . . [with one longitudinal partition]
71/0018 . . . [with separately-attached handles]
71/0022 . . . [formed by folding or erecting one blank, and provided with vertical partitions]
71/0025 . . . [with separately-attached handles]
71/0029 . . . [formed by folding one blank so as to form a tubular element in which the upper wall is provided with openings through which the articles extend partially]
71/0033 . . . [with parts of the walls bent against one another so as to form a longitudinal partition for two rows of articles]
71/0037 . . . [with additional locating elements for the articles]
Kinds or types of packages

71/004 . . . . [with individual openings for holding the articles]
71/0044 . . . . [with separately-attached handles]
71/0048 . . . . [with walls wrapping around a great part of the articles]
71/0051 . . . . [with additional locating elements for the articles]
71/0055 . . . . [with individual openings for holding the articles]
71/0059 . . . . [with separately-attached handles]
71/0062 . . . . [for holding one row of articles]
71/0066 . . . . [with additional locating elements for the articles]
71/007 . . . . [with individual openings for holding the articles]
71/0074 . . . . [with separately-attached handles]
71/0077 . . . . [formed by folding and interconnecting of two or more blanks]
71/0081 . . . . [with separately attached handles]
71/0085 . . . . [Packaging elements adhered to the articles, e.g. a carton sheet (adhesive tapes B65D 63/1009)]
71/0088 . . . . [Palletisable loads, i.e. loads intended to be transported by means of a fork-lift truck]
71/0092 . . . . [provided with one or rigid supports, at least one dimension of the supports corresponding to a dimension of the load, e.g. skids]
71/0096 . . . . [the dimensions of the supports corresponding to the periphery of the load, e.g. pallets]
71/02 . . . . Arrangements of flexible binders
71/04 . . . . with protecting or supporting elements arranged between binder and articles or materials, e.g. for preventing chafing of binder
71/06 . . . . Packaging elements holding or encircling completely or almost completely the bundle of articles, e.g. wrappers
71/063 . . . . [Wrappers formed by one or more films or the like, e.g. nets (B65D 71/08 takes precedence; wrappers formed by folding a single blank B65D 71/12; wrappers formed by folding two or more blanks B65D 71/38)]
71/066 . . . . [and provided with inserts (B65D 71/10 takes precedence)]
71/08 . . . . Wrappers shrunk by heat [or under tension, e.g. stretch films or films tensioned by compressed articles]
71/10 . . . . and provided with inserts
71/12 . . . . the packaging elements, e.g. wrappers) being formed by folding a single blank
71/125 . . . . [not having a tubular shape]
71/14 . . . . having a tubular shape, e.g. tubular wrappers without end walls (sleeves B65D 59/04)
71/16 . . . . with article-locating elements
71/18 . . . . Tabs inwardly folded tabs from the upper or lower wall
71/20 . . . . Slits or openings along the fold line of the tubular body
71/22 . . . . Openings or windows formed in the side walls
71/24 . . . . with partitions
71/243 . . . . [extending from the side walls]
71/246 . . . . [Inserted partitions]
71/26 . . . . extending from the upper or lower wall
71/28 . . . . characterised by the handles
71/285 . . . . [Separately-attached handles]
71/30 . . . . . . . . unitary, i.e. integral with the tubular packaging elements
71/32 . . . . . . . . formed by finger-holes
71/34 . . . . . . . . characterised by weakened lines or other opening devices
71/36 . . . . . . . . having a tubular shape, e.g. tubular wrappers, with end walls
71/38 . . . . . . . . the packaging elements, e.g. wrappers being formed by folding and interconnecting two or more blanks
71/40 . . . . . . . . comprising a plurality of articles held together only partially by packaging elements formed by folding a blank [or several blanks]
71/403 . . . . . . . . [formed by folding several blanks]
71/406 . . . . . . . . [characterised by the handle]
71/42 . . . . . . . . formed by folding a single blank into a single layer element
71/44 . . . . . . . . characterised by the handle
71/46 . . . . . . . . formed by folding a single blank into a tubular element
71/48 . . . . . . . . characterised by the handle
71/50 . . . . . . . . comprising a plurality of articles held together only partially by packaging elements formed otherwise than by folding a blank
71/502 . . . . . . . . [Coaxial connections]
71/504 . . . . . . . . [the element being formed from a flexible sheet provided with slits or apertures intended to be stretched over the articles and adapt to the shape of the article]
71/506 . . . . . . . . [and provided with an additional element encircling the periphery of the group of articles]
71/508 . . . . . . . . [the elements being formed by one or more films or similar, e.g. nets]
71/70 . . . . Trays provided with projections or recesses in order to assemble multiple articles, e.g. intermediate elements for stacking
71/72 . . . . formed by folding one or more blanks, the articles being inserted in openings in a wall

73/00 Packages comprising articles attached to cards, sheets or webs ([B65D 85/18 takes precedence])
73/0007 . . . . [the articles being attached to the plane surface of a single card (B65D 75/30 takes precedence)]
73/0014 . . . . [by means of separate fixing elements, e.g. clips, clamps, bands]
73/0021 . . . . [by means of cut-out or marginal tabs, tongues or flaps]
73/0028 . . . . [by means of adhesive, heat-seal or the like]
73/0035 . . . . [the articles being retained within a recess or a series of recesses provided in a single card (B65D 75/32 takes precedence)]
73/0042 . . . . [the articles being retained within a window, hole or other cut-out portion of a single card]
73/005 . . . . [by means of separate fixing elements, e.g. clips, clamps, bands]
73/0057 . . . . [by means of a preformed enclosure, e.g. a bulb]
73/0064 . . . . [the articles being supported by or suspended from a tag-like element]
73/0071 . . . . [the tag-like element being doubled-over to engage the upper part of the article]
73/0078 . . . . [the articles being retained or enclosed in a folded-over or doubled card (B65D 75/20 takes precedence)]
Kinds or types of packages

75/00 Packages comprising articles or materials partially or wholly enclosed in strips, sheets, blanks, tubes, or webs of flexible sheet material, e.g. in folded wrappers (B65D 71/00 takes precedence; wrapping B65B 11/00)

75/02 Articles partially enclosed in folded or wound strips or sheets, e.g. wrapped newspapers

75/04 Articles or materials wholly enclosed in single sheets or wrapper blanks

75/06 in sheets or blanks initially folded to form tubes with the ends of the tube closed by folding

75/10 with the ends of the tube closed by twisting

75/12 with the ends of the tube closed by flattening and heat-sealing

75/14 in sheets or blanks folded-up around all sides of the contents from a portion on which the contents are placed

75/16 the upstanding portion of the wrapper being closed by twisting

75/18 the upstanding portion of the wrapper being closed by regular or irregular folds or pleats, e.g. bunch-wrapped packages

75/20 in sheets or blanks doubled around contents and having their opposed free margins united, e.g. by pressure-sensitive adhesive, crimping, heat-sealing, or welding

75/22 the sheet or blank being recessed to accommodate contents (containers simulating a book B65D 77/006)

75/225 [the sheet or blank comprising more than one fold line (B65D 75/245 takes precedence)]

75/24 and formed with several recesses to accommodate a series of articles or quantities of material

75/245 [the sheet or blank comprising more than one fold line]

75/26 Articles or materials wholly enclosed in laminated sheets or wrapper blanks

75/28 Articles or materials wholly enclosed in composite wrappers, i.e. wrappers formed by associating or interconnecting two or more sheets or blanks

75/30 Articles or materials enclosed between two opposed sheets or blanks having their margins united, e.g. by pressure-sensitive adhesive, crimping, heat-sealing, or welding

75/305 [Skin packages]

75/32 one or both sheets or blanks being recessed to accommodate contents

75/321 [Both sheets being recessed]

75/322 [and forming one compartment]

75/323 [and forming several compartments]

75/324 [the compartments being interconnected, e.g. by small channels]

75/325 [one sheet being recessed, and the other being a flat not-rigid sheet, e.g. puncturable or peelable foil]

75/326 [and forming one compartment]

75/327 [and forming several compartments]

75/328 [the compartments being interconnected, e.g. by small channels]

75/34 and having several recesses to accommodate a series of articles or quantities of material (not used)

**WARNING**

Group B65D 75/34 is no longer used for the classification of new documents. Documents of this group are in the process of being reclassified to groups B65D 75/323, B65D 75/327, and subgroups

75/36 one sheet or blank being recessed and the other formed of relatively stiff flat sheet material, e.g. blister packages [the recess or recesses being preformed (B65D 73/0057, B65D 73/0092 take precedence)]

2075/361 [the two sheets or blanks being mutually slidable or comprising slidable elements]

2075/362 [the two sheets or blanks being partially releasable and reclosable, e.g. peelable sheets reclosable by slot-and-tongue connections]

2075/363 [the recess presenting a lateral or a frontal opening]

2075/365 [and being provided with a cover]

75/366 [and forming one compartment]

75/367 [and forming several compartments]

75/368 [the compartments being interconnected, e.g. by small channels]

75/38 Articles or materials enclosed in two or more wrappers disposed one inside the other ([for shock absorbing purposes B65D 81/03; for thermal insulating purposes B65D 81/3893])

75/40 Packages formed by enclosing successive articles, or increments of material, in webs, e.g. folded or tubular webs, or by subdividing tubes filled with liquid, semi-liquid, or plastic materials

75/42 Chains of interconnected packages

75/44 Individual packages cut from webs or tubes

75/46 containing articles

75/48 containing liquids, semiliquids, or pastes, e.g. cushion-shaped packages

75/50 Tetrahedral packages

75/52 Details

75/522 [Inspection openings or windows]

75/525 [External rigid or semi-rigid supports]

75/527 [ Tear-lines for separating a package into individual packages (B65D 1/30, B65D 21/0206, B65D 75/34 take precedence)]

75/54 Cards, coupons, or other inserts or accessories (opening devices B65D 75/70)

75/545 [the inserts or accessories being located within a pouch or envelope attached to the exterior of the packages, e.g. shipping mailers (envelope construction B65D 27/006)]
Kinds or types of packages

75/56 . . . Handles or other suspension means
75/563 . . . . [Integral handles or suspension means (B65D 75/566 takes precedence)]
75/566 . . . . . [Hand holes or suspension apertures]
75/58 . . . Opening or contents-removing devices added or incorporated during package manufacture (B65D 75/36, B65D 85/1027 takes precedence)
75/5805 . . . . [for tearing a side strip parallel and next to the edge, e.g. by means of a line of weakness]
75/5811 . . . . [and defining, after tearing, a small dispensing spout, a small orifice or the like]
75/5816 . . . . [for tearing a corner or other small portion next to the edge, e.g. a U-shaped portion]
75/5822 . . . . [and defining, after tearing, a small dispensing spout, a small orifice or the like]
75/5827 . . . . [Tear-lines provided in a wall portion (B65D 75/5805, B65D 75/5816 take precedence)]
75/5833 . . . . [for tearing out a portion of the wall]
75/5838 . . . . . [combined with separate fixed tearing means, e.g. tabs]
75/5844 . . . . . [the portion of the wall being a narrow strip, e.g. between lines of weakness (B65D 75/5838 takes precedence)]
75/585 . . . . . [the tear-lines being broken by deformation or bending]
75/5855 . . . . . [Peelable seals]
75/5861 . . . . [Spouts (B65D 75/5811, B65D 75/5822 take precedence)]
75/5866 . . . . [Integral spouts]
75/5872 . . . . [Non-integral spouts]
75/5877 . . . . . [connected to a planar surface of the package wall]
75/5883 . . . . . [connected to the package at the sealed junction of two package walls]
75/5888 . . . . . [Tear-lines for removing successive sections of a package (for separating package into individual packages B65D 75/527)]
75/5894 . . . . [Preformed openings provided in a wall portion and covered by a separate removable flexible element]
75/66 . . . . Inserted or applied tearing-strings or like flexible elements
75/68 . . . . extending through wrapper closure or between wrapper layers
75/70 . . . . Rigid cutting or tearing devices

77/00 Packages formed by enclosing articles or materials in preformed containers, e.g. boxes, cartons, sacks or bags

77/003 . . . [Articles enclosed in rigid or semi-rigid containers, the whole being wrapped]
77/006 . . . [Containers simulating a book (pencil cases A45C 11/34; books, book covers B42D; albums, filing appliances, e.g. boxes, B42E; for videos G11B)]
77/02 . . . [Wrapped articles enclosed in rigid or semi-rigid containers]
77/04 . . . [Articles or materials enclosed in two or more containers disposed one within another]
77/0406 . . . [Rigid containers in preformed flexible containers]
Kinds or types of packages

77/20 . . . by applying separate lids or covers {, i.e. flexible membrane or foil-like covers}

77/2004 . . . {the cover being maintained on the container by mechanical means, e.g. crimping, clamping, riveting (B65D 77/2024 takes precedence)}

77/2008 . . . {the container flange being crimped over the cover}

77/2012 . . . {the cover being crimped or folded over the container flange}

77/2016 . . . {the cover being maintained by projections or recesses on the container}

77/202 . . . . {the cover being connected to the container by separate circumferential ring elements}

77/2024 . . . {the cover being welded or adhered to the container}

77/2028 . . . {Means for opening the cover other than, or in addition to, a pull tab}

77/2032 . . . {by peeling or tearing the cover from the container}

77/2036 . . . . {the seal having a stress concentrating portion}

77/204 . . . . . {the cover having an unsealed portion for initiating removal (B65D 77/2036 takes precedence)}

77/2044 . . . . . . {whereby a layer of the container or cover fails, e.g. cohesive failure (B65D 77/2036 takes precedence)}

77/2048 . . . . . . . {whereby part of the container or cover has been weakened, e.g. perforated or precut (B65D 77/2036 takes precedence)}

77/2052 . . . . . . {the container being weakened}

77/2056 . . . . . {the cover being weakened}

77/206 . . . . {so as to uncover one or more preformed openings made through some layers of the cover}

77/2064 . . . . {the seal being locally weakened, e.g. by using a sealing inhibitor}

77/2068 . . . {Means for reclosing the cover after its first opening}

77/2072 . . . {Mechanical means}

77/2076 . . . . {provided by the cover itself}

77/208 . . . . . {the cover having a cap-like or plug-like shape}

77/2084 . . . . . . {the cover being maintained reclosed by a part folded over the container rim}

77/2088 . . . . . . . {attached to the cover}

77/2092 . . . . . . . {the means being a part initially broken from the container}

77/2096 . . . . {Adhesive means}

77/22 . Details

77/225 . . . {Pressure relief-valves incorporated in a container wall, e.g. valves comprising at least one elastic element}

77/24 . . . {Inserts or accessories added or incorporated during filling of containers (opening devices B65D 77/30)}

77/245 . . . {Utensils for removing the contents from the package, e.g. spoons, forks, spatulas (B65D 77/28 takes precedence)}

77/26 . . . Elements or devices for locating or protecting articles

77/28 . . . . {Cards, coupons, or drinking straws (B65D 5/4212, B65D 23/14, B65D 25/205, B65D 33/004, B65D 51/245, B65D 75/54 take precedence)}

77/283 . . . . {located initially inside the container, whereby the straw is revealed only upon opening the container, e.g. pop-up straws}

77/286 . . . . {formed integrally with the container (containers having integrally formed tubes with contents expelled by deforming the container B65D 1/326)}

77/30 . . . Opening or contents-removing devices added or incorporated during filling or closing of containers (B65D 77/20 takes precedence)

77/32 . . . Tearing-strings or like flexible elements

77/34 . . . . . . {enclosed in a mouth seal}

77/36 . . . . . . . {disposed beneath a wrapper, label, or other element of sheet material securing a lid, cover, or container mouth}

77/38 . . . . . . . Weakened closure seams

77/40 . . . . . . . Rigid cutting or tearing devices

79/00 Kinds or details of packages, not otherwise provided for

79/005 . {Packages having deformable parts for indicating or neutralizing internal pressure-variations by other means than venting}

WARNING

Groups B65D 79/005 is impacted by reclassification into groups B65D 79/005 - B65D 79/0087.

All groups listed in this Warning should be considered in order to perform a complete search.

79/008 . . . {the deformable part being located in a rigid or semi-rigid container, e.g. in bottles or jars}

WARNING

Groups B65D 79/008 – B65D 79/0084 are incomplete pending reclassification of documents from group B65D 79/005.

Groups B65D 79/008 – B65D 79/0084 and B65D 79/005 should be considered in order to perform a complete search.

79/0081 . . . . . . [in the bottom part thereof]

79/0084 . . . . . . [in the sidewall or shoulder part thereof]

79/0087 . . . . . . [the deformable part being located in a closure, e.g. in caps or lids]

WARNING

Group B65D 79/0087 is incomplete pending reclassification of documents from group B65D 79/005.

Groups B65D 79/0087 and B65D 79/005 should be considered in order to perform a complete search.

79/02 . Arrangements or devices for indicating incorrect storage or transport (B65D 79/005 takes precedence) ; measuring devices G01
Containers, packaging elements, or packages, of special types or forms or specially adapted for organisms, articles,...

81/00 Containers, packaging elements, or packages, for contents presenting particular transport or storage problems, or adapted to be used for non-packaging purposes after removal of contents

81/02 . . . specially adapted to protect contents from mechanical damage \{containers of polygonal cross-section provided with internal protecting elements for contents B65D 81/50; devices to locate articles in containers B65D 25/10\}

81/022 . . . \{Containers made of shock-absorbing material (B65D 81/03 takes precedence; for thermal insulating purposes B65D 81/3813)\}

81/025 . . . \{Containers made of sheet-like material and having a shape to accommodate contents\}

81/027 . . . \{double-walled (for thermal insulating purposes B65D 81/3818, B65D 81/383)\}

81/03 . . . Wrappers or envelopes with shock-absorbing properties, e.g. bubble films \{(for thermal insulating purposes B65D 81/3888)\}

81/05 . . . maintaining contents at spaced relation from package walls, or from other contents \{(B65D 81/022, B65D 81/025.) B65D 81/03 take precedence\}

81/051 . . . \{using pillow-like elements filled with cushioning material, e.g. elastic foam, fabric\}

81/052 . . . \{filled with fluid, e.g. inflatable elements\}

81/053 . . . \{Corner, edge or end protectors\}

81/054 . . . \{Protectors contacting two generally perpendicular surfaces of the packaged article, e.g. edge protectors (B65D 81/055 takes precedence)\}

81/055 . . . \{Protectors contacting three surfaces of the packaged article, e.g. three-sided edge protectors (B65D 81/058 takes precedence)\}

81/056 . . . \{the surfaces being generally perpendicular to each other, e.g. three-sided corner protectors\}

81/057 . . . \{Protectors contacting four surfaces of the packaged article, e.g. four-sided corner protectors\}

81/058 . . . \{Protectors contacting five surfaces of the packaged article, e.g. five-sided end protectors\}

81/07 . . . using resilient suspension means \{(B65D 81/051 takes precedence)\}

81/075 . . . \{the contents being located between two membranes stretched between opposed sides of the package\}

81/09 . . . using flowable discrete elements of shock-absorbing material, e.g. pellets or popcorn

81/107 . . . using blocks of shock-absorbing material

81/1075 . . . \{deformable to accommodate contents\}

81/113 . . . \{of a shape specially adapted to accommodate contents \(B65D 81/053 takes precedence\)\}

81/127 . . . using rigid or semi-rigid sheets of shock-absorbing material \(B65D 81/025 takes precedence\)

81/1275 . . . \{laminated or bonded to the inner wall of a container \(for thermal insulating purposes B65D 81/3858)\\}

81/133 . . . \{of a shape specially adapted to accommodate contents, e.g. trays \(B65D 81/053 takes precedence; thermally insulated trays B65D 81/3816, B65D 81/3827\)\}

81/18 . . . providing specific environment for contents, e.g. temperature above or below ambient \{(with thermal insulation B65D 81/38; ice-boxes with cooling means B25D)\}

81/20 . . . \{under vacuum or superatmospheric pressure, or in a special atmosphere, e.g. of inert gas \(B65D 81/28 takes precedence; containers with pressurising means for maintaining ball pressure A63B 39/025)\\}

81/2007 . . . \{under vacuum\}

81/2015 . . . \{in an at least partially rigid container \(B65D 81/2038 takes precedence\)\}

81/2023 . . . \{in a flexible container \(B65D 81/2038 takes precedence\)\}

81/2027 . . . \{with one or several rigid inserts\}

81/2038 . . . \{with means for establishing or improving vacuum\}

81/2046 . . . \{under superatmospheric pressure \(B65D 81/2069 takes precedence)\\}

81/2053 . . . \{in an least partially rigid container\}

81/2061 . . . \{in a flexible container\}

81/2069 . . . \{in a special atmosphere\}

81/2076 . . . \{in an at least partially rigid container\}

81/2084 . . . \{in a flexible container\}

81/2092 . . . \{with one or several rigid inserts\}

81/22 . . . \{in moist conditions or immersed in liquids\}

81/24 . Adaptations for preventing deterioration or decay of contents; Applications to the container or packaging material of food preservatives, fungicides, pesticides or animal repellents \{with thermal insulation B65D 81/38\}

81/245 . . . \{Internal membrane, floating cover or the like isolating the contents from the ambient atmosphere \(loosely-attached linings B65D 25/16; dispensing pistons B65D 83/0005; flexible bags for expelling the contents B65D 83/0051\)\}

81/26 . . . \{with provision for draining away, or absorbing, or removing by ventilation, \(fluids, e.g. exuded by contents \(B65D 33/01 takes precedence\)\); Applications of corrosion inhibitors or desiccators\}

81/261 . . . \{for draining or collecting liquids without absorbing them\}

81/262 . . . \{Rigid containers having false bottoms provided with passages for draining and receiving liquids\}

81/263 . . . \{for ventilating the contents \(B65D 5/4295, B65D 51/1605 take precedence\)\}

81/264 . . . \{for absorbing liquids\}

81/265 . . . \{the absorbent being placed beneath a false bottom\}

81/266 . . . \{for absorbing gases, e.g. oxygen absorbers or desiccants \(B65D 51/244, B65D 51/30 take precedence\)\}

81/267 . . . \{the absorber being in sheet form\}

81/268 . . . \{the absorber being enclosed in a small pack, e.g. bag, included in the package\}

81/28 . . . \{Applications of food preservatives, fungicides, pesticides, or animal repellents\}
Containers, packaging elements, or packages, of special types or forms or specially adapted for organisms, articles,...

81/30 . . . by excluding light or other outside radiation (wrappers B65D 65/16)
81/32 . . . for packaging two or more different materials which must be maintained separate prior to use in admixture (containers with removable or destructible partitions B65D 25/08 ; closures combined with auxiliary containers B65D 51/28 ; in aerosol containers B65D 83/682; amalgam capsules A61C 5/66; containers for pharmaceutical purposes A61J 1/20; A61M 5/19; medical syringes A61M 3/005; resin cartridges for grouting anchoring-bolts in mines E21D 20/026)
81/3205 . . . [Separate rigid or semi-rigid containers joined to each other at their external surfaces (B65D 81/3288 takes precedence)]
81/3211 . . . [coaxially and provided with means facilitating admixture]
81/3216 . . . [Rigid containers disposed one within the other]
81/3222 . . . [with additional means facilitating admixture]
81/3227 . . . [arranged parallel or concentrically and permitting simultaneous dispensing of the two materials without prior mixing (B65D 81/325 takes precedence)]
81/3233 . . . [Flexible containers disposed within rigid containers]
81/3238 . . . [with additional means facilitating admixture]
81/3244 . . . [arranged parallel or concentrically and permitting simultaneous dispensing of the two materials without prior mixing (B65D 35/22, B65D 81/325 take precedence)]
81/325 . . . [Containers having parallel or coaxial compartments, provided with a piston or a movable bottom for discharging contents]
81/3255 . . . [Containers provided with a piston or a movable bottom, and permitting admixture within the container]
81/3261 . . . [Flexible containers having several compartments]
81/3266 . . . [separated by a common rupturable seal, a clip or other removable fastening device]
81/3272 . . . [formed by arranging one flexible container within another]
81/3277 . . . [Ampoules]
81/3283 . . . [Cylindrical or polygonal containers, e.g. bottles, with two or more substantially axially offset, side-by-side compartments for simultaneous dispensing (B65D 35/22, B65D 35/242, B65D 81/3227, B65D 81/325 take precedence)]
81/3288 . . . [composed of two or more separate containers joined to each other]
81/3294 . . . [Thermoformed trays or the like with a plurality of recesses for different materials located in different recesses]
81/34 . . . for packaging foodstuffs [or other articles] intended to be cooked or heated within the package
81/3407 . . . [specially adapted to be heated over a heat source, e.g. a hob, campfire]
81/3415 . . . [specially adapted to be heated in hot water, e.g. boil pouches (dissolvable packages B65D 65/46; packaging articles or materials intended to be mixed or infused with a liquid B65D 85/808)]
81/3423 . . . [Packages shrinking in hot water, e.g. for boiling hams]
81/343 . . . [specially adapted to be heated in a conventional oven, e.g. a gas or electric resistance oven]
81/3438 . . . [specially adapted to be heated by steaming]
81/3446 . . . [specially adapted to be heated by microwaves]
81/3453 . . . [Rigid containers, e.g. trays, bottles, boxes, cups]
81/3461 . . . [Flexible containers, e.g. bags, pouches, envelopes]
81/3469 . . . [Pop-corn bags]
81/3476 . . . [Packages provided with an electrical circuit, e.g. resistances, for heating the contents (microwave susceptors B65D 2581/3463)]
81/3484 . . . [Packages having self-contained heating means, e.g. heating generated by the reaction of two chemicals (warming devices A47J 36/24)]
81/3492 . . . [specially adapted to be heated in a toaster]
81/36 . . . adapted to be used for non-packaging purposes after removal of contents
81/361 . . . [Modular elements with complementary shapes, interengageable parts or the like (toy building blocks A63H 33/04; building elements for walls E04B 2/02)]
81/363 . . . [Containers forming or being transformable into items of wearing apparel, e.g. shirt, apron, hat]
81/365 . . . [Containers, or parts thereof, simulating or being incorporated into other items, e.g. puppet, animal, vehicle, building, dumb bells (B65D 81/363, B65D 81/368 take precedence)]
81/366 . . . [the container closure only being provided with a three dimensional figure, e.g. chess piece, animal]
81/368 . . . [Foldable carton-boxes simulating, or transformable into, a special configuration, e.g. a car, a house, an animal (cartons with spaced apart images to give a 3-D effect B65D 54258; toy models made by folding paper A63H 33/16)]
81/38 . . . with thermal insulation (vacuum bottles or the like A47J 41/00 ; thermal insulation of domestic water storage heaters E24H 1/182)]
81/3802 . . . [rigid container in the form of a barrel or vat]
81/3804 . . . [formed of foam material]
81/3806 . . . [formed with double walls, i.e. hollow]
81/3809 . . . [provided with liquid material between double walls]
81/3811 . . . [formed of different materials, e.g. laminated or foam filling between walls]
81/3813 . . . [rigid container being in the form of a box, tray or like container]
81/3816 . . . [formed of foam material]
81/3818 . . . [formed with double walls, i.e. hollow]
81/382 . . . [provided with liquid material between double walls]
81/3823 . . . [formed of different materials, e.g. laminated or foam filling between walls]
81/3825 . . . [rigid container being in the form of a box, tray or like container with one or more containers located inside the external container]
81/3827 . . . [the external tray being formed of foam material]
81/383 . . . [the external tray being formed with double walls, i.e. hollow]
81/3832 . . . [the external tray being provided with liquid material between double walls]
81/3834 . . . [the external tray being formed of different materials, e.g. laminated or foam filling between walls]
Containers, packaging elements, or packages, of special types or forms or specially adapted for organisms, articles, ...

81/3837 . . . (rigid container in the form of a bottle, jar or like container)
81/3839 . . . [formed of foam material]
81/3841 . . . [formed with double walls, i.e. hollow]
81/3844 . . . [provided with liquid material between double walls]
81/3846 . . . [formed of different materials, e.g. laminated or foam filling between walls]
81/3848 . . . [semi-rigid container folded up from one or more blanks]
81/3851 . . . [formed of foam material]
81/3853 . . . [formed with double walls, i.e. hollow]
81/3855 . . . [provided with liquid material between double walls]
81/3858 . . . [formed of different materials, e.g. laminated or foam filling between walls; (for shock absorbing purposes B65D 81/1275)]
81/386 . . . [formed of corrugated material]
81/3862 . . . [with a foam formed container located inside a folded box]
81/3865 . . . [drinking cups or like containers]
81/3867 . . . [formed of foam material]
81/3869 . . . [formed with double walls, i.e. hollow]
81/3872 . . . [provided with liquid material between double walls]
81/3874 . . . [formed of different materials, e.g. laminated or foam filling between walls]
81/3876 . . . [insulating sleeves or jackets for cans, bottles, barrels, etc.]
81/3879 . . . [formed of foam material]
81/3881 . . . [formed with double walls, i.e. hollow]
81/3883 . . . [provided with liquid material between double walls]
81/3886 . . . [formed of different materials, e.g. laminated or foam filling between walls]
81/3888 . . . [wrappers or flexible containers, e.g. pouches, bags (for shock absorbing purposes B65D 81/03)]
81/389 . . . [formed of foam material]
81/3893 . . . [formed with double walls, i.e. hollow]
81/3895 . . . [provided with liquid material between double walls]
81/3897 . . . [formed of different materials, e.g. laminated or foam filling between walls]

83/00 Containers or packages with special means for dispensing contents (dispensing means incorporated in removable or non-permanently secured container closures B65D 47/00; for shops, stores, offices, bars, or the like A47F 1/04; showcases or show cabinets with dispensing arrangements A47F 3/02; magazines for screws or nuts in combination with spanners, wrenches or screwdrivers B25B 23/06; for use in connection with the handling of sheets, webs, or filamentary material B65H)
83/0005 . . . [Containers or packages provided with a piston or with a movable bottom or partition having approximately the same section as the container (B65D 83/0072 takes precedence)]
83/0011 . . . [moved by a screw-shaft]
83/0016 . . . [the contents being forced out through the screw-shaft]
83/0022 . . . [moved by a reciprocable plunger]
83/0027 . . . [piston co-operating with a screw-thread in the side wall of the container]
83/0033 . . . [the piston being a follower-piston and the dispensing means comprising a hand-operated pressure-device at the opposite part of the container]
83/0038 . . . [moved by a spring-like mechanism (B65D 83/005, B65D 83/0817, B65D 83/0858 takes precedence)]
83/0044 . . . [the piston having a dispensing opening formed in the piston (B65D 83/0016 takes precedence)]
83/005 . . . [the piston or movable bottom being pulled upwards to dispense the contents]
83/0055 . . . [Containers or packages provided with a flexible bag or a deformable membrane or diaphragm for expelling the contents]
83/0061 . . . [the contents of a flexible bag being expelled by the contracting forces inherent in the bag or a sleeve fitting snugly around the bag]
83/0066 . . . [the contents of a flexible bag being expelled by twisting the bag]
83/0072 . . . [the contents of a flexible bag being expelled by a piston or a movable bottom or partition provided in the container or the package]
83/0077 . . . [moves by a spring-like mechanism]
83/0083 . . . [Containers comprising an internal rotating wing for expelling the contents]
83/0088 . . . [Packages containing several articles intended to be suspended from a display rod, e.g. blister packs, i.e. the package being used to facilitate suspending the articles from the rod]
83/0094 . . . [Containers having an external wall formed as, or with, a diaphragm or the like which is deformed to expel the contents (B65D 1/32 takes precedence)]
83/02 . . . [for dispensing rod-shaped articles, e.g. needles (packages for cigarettes provided with dispensing means B65D 85/1009; dispensers for drinking straws A47G 21/184)]
83/04 . . . [for dispensing annular, disc-shaped, or spherical or like small articles, e.g. tablets or pills]
83/0409 . . . [the dispensing means being adapted for delivering one article, or a single dose, upon each actuation (B65D 83/0445 takes precedence)]
83/0418 . . . [the articles being substantially flat and stacked one upon the other and the dispensing-closing device sliding the article to be dispensed along the flat side of the next article]
83/0427 . . . [the articles being dispensed by inverting the container each time, by which action movable parts may be displaced by their own weight]
83/0436 . . . [the articles being dispensed by pinching action on a flexible tube]
83/0445 . . . [all the articles being stored in individual compartments]
83/0454 . . . [the whole forming a circular container with rotating parts (B65D 83/0463 takes precedence)]
83/0463 . . . [formed in a band or a blisterweb, inserted in a dispensing device or container]
83/0472 . . . [the band being wound in flat spiral, folded in accordion or the like]
83/0481 . . . [the articles passing through a small opening or passage, without additional dispensing devices and without retaining means for the following article]
83/049 . . . [the dispensing means forming a part of a removable closure, e.g. gripping teeth, cavity]
Containers, packaging elements, or packages, of special types or forms or specially adapted for organisms, articles...

83/06 . . . . for dispensing powdered or granular material
   (B65D 83/04 takes precedence)
83/08 . . . . for dispensing thin flat articles in succession
   (towel dispensers intended for re-use
   A47K 10/24:) dispensers for surgical scalp blades
   A61B 17/3215)

**NOTE**

B65D 83/10 and B65D 83/12 take precedence
over B65D 83/0805 - B65D 83/0894

83/0805 . . . . (through an aperture in a wall)
83/0811 . . . . with means for assisting dispensing
83/0817 . . . . [the articles being automatically urged
   towards the dispensing aperture, e.g. spring-
   loaded (B65D 83/0823 takes precedence)]
83/0823 . . . . [the articles being pushed and slid through
   the aperture]
83/0829 . . . . . . (by means of an actuator)
83/0835 . . . . [the articles being pulled out of the
   container]
83/0841 . . . . [and for cutting interconnected articles
   (cutting devices for dispensers intended for
   re-use B65H 35/008)]
83/0847 . . . . (through an aperture at the junction of two walls)
83/0852 . . . . [with means for assisting dispensing]
83/0858 . . . . [the articles being automatically urged
   towards the dispensing aperture, e.g. spring-
   loaded (B65D 83/0864 takes precedence)]
83/0864 . . . . [the articles being pushed and slid through
   the aperture]
83/087 . . . . . . (by means of an actuator)
83/0876 . . . . [the articles being pulled out of the
   container]
83/0882 . . . . [and for cutting interconnected articles
   (cutting devices for dispensers intended for
   re-use B65H 35/008)]
83/0888 . . . . [with provision for used articles]
83/0894 . . . . [the articles being positioned relative to one
   another or to the container in a special way, e.g.
   for facilitating dispensing, without additional
   support]
83/10 . . . . [for dispensing razor-blades]
83/12 . . . . [for dispensing tickets or tokens]
83/14 . . . . for delivery of liquid or semi-liquid contents by
   internal gaseous pressure, i.e. aerosol containers
   comprising propellant (for a product delivered by a
   propellant)
83/16 . . . . characterised by the actuating means
83/20 . . . . [operated by manual action, e.g. button-type
   actuator or:] actuator caps (actuators formed as
   a rigid elongate spout B65D 83/306)
83/201 . . . . [Lever-operated actuators (B65D 83/206
   takes precedence)]
83/202 . . . . . . (combined with a hand grip (hand-held
   or body-worn self-defense devices using
   aerosol containers F41H 9/10)]
83/203 . . . . . . [comprising an extension rod located
   between the aerosol container and the hand
   grip (setting-out line markings on
   playing courts A63C 19/0065: marking-
   out on finished paving by spraying from
   aerosol containers F01C 23/227)]
83/205 . . . . [Actuator caps, or peripheral actuator skirts,
   attachable to the aerosol container]
83/206 . . . . . . {comprising a cantilevered actuator
   element, e.g. a lever pivoting about a
   living hinge]
83/207 . . . . . . [Actuators comprising a manually operated
   valve and being attachable to the aerosol
   container, e.g. downstream a valve fitted
   to the container; Actuators associated to
   container valves with valve seats
   located outside the aerosol container
   (portable spraying apparatus comprising
   pressurised supply containers B05B 7/2402,
   B05B 9/0805: manually actuated controlling
   means for spraying apparatus B05B 12/002:
   actuators connected to the aerosol container
   by a flexible tube B65D 83/756)]
83/208 . . . . . . [Pull cord operated actuators]
83/22 . . . . with {a (mechanical) means to disable actuation
   (B65D 50/00 takes precedence)
83/222 . . . . [Actuator locking means being automatically
   repeatedly displaced after each actuation]
83/224 . . . . [Tamper indicating means obstructing initial
   actuation, e.g. removable (container closure
   having to be perforated B65D 83/382:
   tamper indicating means located in front of
   outlets B65D 83/7538)]
83/226 . . . . . . {preventing initial depression of the
   actuator]
83/228 . . . . . . {consisting of a rupturable connection
   between actuator element and actuator cap
   or skirt, e.g. tear strips or bridges]
83/24 . . . . . . with means to hold the valve open, [e.g. for
   continuous delivery]
83/26 . . . . . . operating automatically, e.g. periodically
83/262 . . . . . . [by clockwork, motor, electric or magnetic
   means operating without repeated human
   input]
83/265 . . . . . . [by fall or rise in pressure or temperature]
83/267 . . . . . . [by a separate device actuated by repeated,
   e.g. human, input, e.g. by a moving wing
   of a door or window, a ringing doorbell, a
   flushing toilet]
83/28 . . . . Nozzles, nozzle fittings or accessories specially
   adapted therefor
83/285 . . . . . . (for applying the contents, e.g. brushes,
   rollers, pads, spoons, razors, scrapers (closures
   with pads or like contents-applying means
   B65D 47/42: brushes with integral pre-
   pressurised reservoirs A46B 11/0017; domestic
   cleaning implements with liquid-feeding
   devices A47L 13/00)]
83/30 . . . . . . for guiding the flow of spray [e.g. funnels,
   hoods]
83/303 . . . . . . (using extension tubes located in or at the
   outlet duct of the nozzle assembly)
83/306 . . . . . . [Actuators formed as a rigid elongate spout]
83/32 . . . . Dip-tubes
83/34 . . . . Cleaning or preventing clogging of the discharge
   passage
83/345 . . . . [Anti-clogging means for outlets]
83/36 . . . . allowing operation in any orientation [e.g.
   discharge in inverted position]
83/38 . . . . Details of the container body (pressure relief
   devices B65D 83/70)
83/382 . . . . . . [with closures that must be perforated]
Containers, packaging elements, or packages, of special types or forms or specially adapted for organisms, articles...

83/384 . . . [comprising an aerosol container disposed in an outer shell or in an external container]
83/386 . . . . [actuation occurring by moving the aerosol container relative to the outer shell or external container]
83/388 . . . . [with means for suspending the aerosol container]
83/40 . . . Closure caps (actuator caps [B65D 83/205])
83/42 . . . Filling or charging means
83/425 . . . . [Delivery valves permitting filling or charging]
83/44 . . . Valves specially adapted therefor; Regulating devices (filling or discharging means B65D 83/42; [pressure regulators releasing propellant inside the container B65D 83/663; pressure relief devices B65D 83/70])
83/46 . . . Tilt valves (B65D 83/50 takes precedence)
83/48 . . . Lift valves, e.g. operated by push action (B65D 83/50 takes precedence)
83/50 . . . Non-reclosable valves, [e.g. for complete delivery in a single dose]
83/52 . . . for metering
83/525 . . . . [with means for adjusting the metered quantity]
83/54 . . . . Metering valves; (Metering valve assemblies]
83/543 . . . . [adapted for metering and for continuous delivery]
83/546 . . . . [the metering occurring at least partially in the actuating means]
83/56 . . . . [with means for preventing delivery, e.g.] shut-off when inverted [(actuating means with means to disable actuation B65D 83/22)]
83/565 . . . . [the delivery-preventing means being responsive to the orientation of the container]
83/60 . . . Contents and propellant separated
83/62 . . . . by membrane, bag, or the like (containers in which the content is delivered by the contracting forces inherent in the bag B65D 83/0061)
83/625 . . . . [the propellant being generated by a chemical or electrochemical reaction (for pressure gas in portable fire extinguishers A62C 13/02)]
83/64 . . . by piston
83/643 . . . . [the propellant being generated by a chemical or electrochemical reaction (for pressure gas in portable fire extinguishers A62C 13/02)]
83/646 . . . . [the piston being provided with a dispensing opening through which the contents are dispensed (containers with such a dispensing piston, adapted for hand-held, manually operated spray apparatus B05B 11/00418, in general B65D 83/0044)]
83/66 . . . first separated, but finally mixed [e.g. in a dispensing head]
83/663 . . . . [at least a portion of the propellant being separated from the product and incrementally released by means of a pressure regulator]
83/666 . . . . [product and propellant being totally mixed on, or prior to, first use, e.g. by braking an ampoule containing one of those components (B65D 83/687 takes precedence; portable spraying apparatus comprising a container pressurized by a gas cartridge B05B 9/0833)]
83/68 . . . Dispensing two or more contents [e.g. sequential dispensing or simultaneous dispensing of two or more products without mixing them]
83/682 . . . . [the products being first separated, but finally mixed, e.g. in a dispensing head (mixing in general B01E)]
83/685 . . . . [with one product being located in a chamber within, or forming part of, the dispensing head, e.g. for admixture during dispensing]
83/687 . . . . [the products being totally mixed on, or prior to, first use, e.g. by breaking an ampoule containing one of the products]
83/70 . . . Pressure relief devices
83/72 . . . with heating or cooling devices [e.g. heat-exchangers]
83/74 . . . heating by exothermic reaction
83/75 . . . [Aerosol containers not provided for in groups B65D 83/16 - B65D 83/74]
83/752 . . . . [characterised by the use of specific products or propellants]
83/753 . . . . [characterised by details or accessories associated with outlets]
83/7532 . . . . [comprising alternative flow directions or replaceable or interchangeable outlets]
83/7535 . . . . [Outlet valves opened by the product to be delivered (adapted for hand-held, manually operated spray apparatus B05B 11/0062)]
83/7538 . . . . [Tamper indicating means located in front of outlets (tamper indicating means obstructing initial actuation B65D 83/224)]
83/754 . . . [comprising filters in the fluid flow path (filters specially adapted for spraying plants or apparatus B05B 15/40)]
83/756 . . . [comprising connectors, e.g. for tyre valves, or actuators connected to the aerosol container by a flexible tube (auto-repairing or self-sealing arrangement for repairing plastic articles B29C 73/16)]
83/757 . . . . [Tamper-indicating means (actuators with tamper-indicating means B65D 83/224; tamper indicating means located in front of outlets B65D 83/7538)]
83/7575 . . . . [Separate tamper-elements]
83/759 . . . . [Aerosol containers connected to or located in toilet-bowls or cisterns]
Containers, packaging elements, or packages, of special types or forms or specially adapted for organisms, articles, etc.

85/00 Containers, packaging elements or packages, specially adapted for particular articles or materials (B65D 71/00), B65D 83/00 take precedence; hand implements or travelling equipment A45C; cosmetic or toilet equipment A45D; packages for surgical knives, scalpels or blades therefor A61B 17/3215; containers specially adapted for medical or pharmaceutical purposes A61J 1/00; paint cans B44D 3/12; oil cans F16N 3/04; containers for carrying small arms F41C 33/04; packaging of ammunition or explosive charges F42B 39/00; containers for record carriers, specially adapted for cooperation with the recording or reproducing apparatus G11B 23/00.

NOTE Attention is drawn to Note (5) following the title of this subclass.

85/02 . . for annular articles (for web or tape-like material wound in flat spiral form B65D 85/671)
85/04 . . for coils of wire, rope or hose
85/06 . . for tyres
85/07 . . for compressible or flexible articles (for wearing apparel B65D 85/18)
85/08 . . for rod-shaped or tubular
85/10 . . for cigarettes
85/1009 . . . . [provided with proffering means (B65D 85/1054 takes precedence)]
85/1018 . . . . [Container formed by a flexible material, i.e. soft-packages]
85/1027 . . . . {Opening devices}
85/1036 . . . . [Containers formed by erecting a rigid or semi-rigid blank]
85/1045 . . . . [having a cap-like lid hinged to an edge]

WARNING Group B65D 85/1045 is impacted by reclassification into groups B65D 85/1048, B65D 85/10484, B65D 85/1054, B65D 85/1056, B65D 85/10564, and B65D 85/10568.

All groups listed in this Warning should be considered in order to perform a complete search.

85/1054 . . . . . . [combined with an outer sleeve connected to the lid]

WARNING Group B65D 85/1054 is impacted by reclassification into groups B65D 85/1048, B65D 85/10484, B65D 85/1056, B65D 85/10564, B65D 85/10566, and B65D 85/10568.

All groups listed in this Warning should be considered in order to perform a complete search.

85/1056 . . . . . . [characterized by the lid]

WARNING Group B65D 85/1056 - B65D 85/10568 are incomplete pending reclassification of documents from groups B65D 85/1045 and B65D 85/1054.

All groups listed in this Warning should be considered in order to perform a complete search.

85/10564 . . . . . . [having means for holding the lid in a closed position]
85/10566 . . . . . . [having means for holding the lid in an open position]
85/10568 . . . . . . [opening of the lid opens simultaneously an inner package within the container]
85/1063 . . . . . . [so as to form two cigarette-compartment interconnected by a hinge-portion]
85/1072 . . . . {Bundle of cigarette packs}
85/1081 . . . . {Inserts or accessories added or joined to the container, e.g. coins, pens, cards, spacers (B65D 85/1009 takes precedence)}
85/109 . . . . . . [Lighting means, e.g. matches or lighters]
85/12 . . . . for cigars
85/14 . . . . for collapsible [empty] tubes
85/18 . . for wearing apparel, headwear or footwear
85/182 . . [Shirt packaging and display supports]
85/185 . . [Containers for shipping garments on hangers (travelling or trunk wardrobes A47B 61A06)]
85/187 . . . . [for footwear]
85/20 . . for incompressible or rigid rod-shaped or tubular articles
85/22 . . for macaroni, spaghetti or like flour products
85/24 . . for needles, nails or like elongate small articles
85/26 . . for welding electrodes
85/28 . . for pencils or pens (pencil boxes A45C 11/34)
85/30 . . for articles particularly sensitive to damage by shock or pressure
85/302 . . . . [for carboys]
85/305 . . . . [Bottle-crates (formed in one piece B65D 1/243)]
85/307 . . . . [Local shock-absorbing elements, e.g. elastic rings]
85/32 . . . . for eggs
85/321 . . . . [Trays made of pressed carton and provided with recesses]
85/322 . . . . [Trays made of pressed material, e.g. paper pulp]
Containers, packaging elements, or packages, of special types or forms or specially adapted for organisms, articles,... B65D

85/324 . . . [Containers with compartments made of pressed material]
85/325 . . . [Containers with compartments formed by erecting one blank]
85/327 . . . [Containers with compartments formed by folding and inter-connecting of two or more blanks]
85/328 . . . [Partitions]
85/34 . . for fruit, e.g. apples, oranges or tomatoes
85/345 . . . [having a meshed or apertured closure to allow contents to breathe]
85/36 . . for bakery products, e.g. biscuits
85/38 . . for delicate optical, measuring, calculating or control apparatus
85/40 . . for watches or clocks; for components thereof
85/42 . . for ampoules; for lamp bulbs; for electronic valves or tubes
85/44 . . for crockery
85/46 . . for bricks, tiles or building blocks
85/48 . . for glass sheets
85/50 . . for living organisms, articles or materials sensitive to changes of environment or atmospheric conditions, e.g. land animals, birds, fish, water plants, non-aquatic plants, flower bulbs, cut flowers or foliage (devices for transporting live fish A01K 63/02)
85/505 . . . [for cut flowers]
85/52 . . . for living plants; for growing bulbs
85/54 . . . [for articles of special shape not otherwise provided for]
85/542 . . . [for tetrahedral packages]
85/544 . . . [for gramophone records]
85/546 . . . [formed by folding a single blank]
85/548 . . . [formed by folding or interconnecting of two or more blanks]
85/58 . . for ball bearings, washers, buttons or like spherical or disc-shaped articles (cards for buttons, collar-studs or sleeve-links A44B 7/00)
85/60 . . for sweets or like confectionery products
85/62 . . for stacks of articles; for special arrangements of groups of articles
85/64 . . for bulky articles
85/66 . . for jumbo rolls; for rolls of floor covering
85/67 . . for web or tape-like material (for jumbo rolls or rolls of floor covering B65D 85/66; for recording-tape cassettes (G11B 23/00))
85/671 . . . wound in flat spiral form
85/672 . . . on cores
85/675 . . . wound in helical form
85/676 . . . on cores
85/677 . . . on flat cards
85/68 . . for machines, engines or vehicles in assembled or dismantled form
85/70 . . . [for materials not otherwise provided for]
85/72 . . . for edible or potable liquids, semiliquids, or plastic or pasty materials
85/73 . . . with means specially adapted for effervescing the liquids, e.g. for forming bubbles or beer head
85/74 . . . for butter, margarine, or lard
85/76 . . . for cheese
85/78 . . . for ice-cream
85/80 . . . for milk

85/804 . . . Disposable containers or packages with contents which are [mixed,] infused or dissolved in situ {, i.e. without having been previously removed from the package} (B65D 65/46 takes precedence; tea infusers A47G 19/16; spoons or stirrers comprising beverage additives A47G 21/04)

85/8043 . . . [Packages adapted to allow liquid to pass through the contents (B65D 85/808 takes precedence; filters or reusable cartridges for coffee or tea makers, not used as packaging A47J 31/06)]

WARNING

Group B65D 85/8043 is impacted by reclassification into groups B65D 85/8043 and B65D 85/8049 - B65D 85/8067.

All groups listed in this Warning should be considered in order to perform a complete search.

85/8046 . . . . . . [Pods, i.e. closed containers made only of filter paper or similar material]

WARNING

Group B65D 85/8046 is impacted by reclassification into groups B65D 85/8046 - B65D 85/8067.

All groups listed in this Warning should be considered in order to perform a complete search.

85/8049 . . . . . . [Details of the inlet]

WARNING

Group B65D 85/8049 is incomplete pending reclassification of documents from groups B65D 85/8043 and B65D 85/8046.

Groups B65D 85/8043, B65D 85/8046, and B65D 85/8049 should be considered in order to perform a complete search.

85/8052 . . . . . . [Details of the outlet]

WARNING

Group B65D 85/8052 is incomplete pending reclassification of documents from groups B65D 85/8043 and B65D 85/8046.

Groups B65D 85/8043, B65D 85/8046, and B65D 85/8052 should be considered in order to perform a complete search.

85/8055 . . . . . . [Means for influencing the liquid flow inside the package]

WARNING

Group B65D 85/8055 is incomplete pending reclassification of documents from groups B65D 85/8043 and B65D 85/8046.

Groups B65D 85/8043, B65D 85/8046, and B65D 85/8055 should be considered in order to perform a complete search.
Large containers

Large containers (component parts, details or accessories: B65D 90/00; construction or assembling of bulk storage containers employing civil engineering techniques in situ or off the site: B64H 7/00; gas holders of variable capacity: F17B; vessels for containing or storing compressed, liquefied or solidified gases: F17C)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>88/00</td>
<td>[Coding means for the contents] WARNING Group B65D 85/8058 is incomplete pending reclassification of documents from groups B65D 85/8043 and B65D 85/8046. Groups B65D 85/8043, B65D 85/8046, and B65D 85/8058 should be considered in order to perform a complete search.</td>
</tr>
<tr>
<td>88/005</td>
<td>of variable capacity, e.g. with movable or adjustable walls or wall parts, modular</td>
</tr>
<tr>
<td>88/02</td>
<td>rigid (B65D 88/34 - B65D 88/78 take precedence; hoppers B65D 88/26; special vessels for collecting or storing rain-water for use in the household: E03B 3/03; cesspools E03F 11/00))</td>
</tr>
<tr>
<td>88/022</td>
<td>[in multiple arrangement, e.g. stackable, nestable, connected or joined together side-by-side]</td>
</tr>
<tr>
<td>88/025</td>
<td>[Nestable containers or nestable container parts forming a receptacle when one part is inverted upon the other]</td>
</tr>
<tr>
<td>88/027</td>
<td>[single containers connected to each other by additional means so as to form a cluster of containers, e.g. a battery of containers (B65D 88/005 takes precedence)]</td>
</tr>
<tr>
<td>88/04</td>
<td>spherical (B65D 88/12 takes precedence)</td>
</tr>
<tr>
<td>88/06</td>
<td>cylindrical (B65D 88/12 takes precedence)</td>
</tr>
<tr>
<td>88/08</td>
<td>with a vertical axis</td>
</tr>
<tr>
<td>88/10</td>
<td>parallelepipedic (B65D 88/12 takes precedence)</td>
</tr>
<tr>
<td>88/12</td>
<td>specially adapted for transport (associated with vehicles, see the relevant subclasses of B60 - B64)</td>
</tr>
<tr>
<td>88/121</td>
<td>[ISO containers]</td>
</tr>
<tr>
<td>88/122</td>
<td>[with access from above]</td>
</tr>
<tr>
<td>88/123</td>
<td>[open top]</td>
</tr>
<tr>
<td>88/124</td>
<td>[closable top]</td>
</tr>
<tr>
<td>88/125</td>
<td>[by flexible element, e.g. canvas]</td>
</tr>
<tr>
<td>88/126</td>
<td>[by rigid element, e.g. lid]</td>
</tr>
<tr>
<td>88/127</td>
<td>[open-sided container, i.e. having substantially the whole side free to provide access, with or without closures (B65D 88/129, B65D 90/008 take precedence)]</td>
</tr>
<tr>
<td>88/128</td>
<td>[tank containers, i.e. containers provided with supporting devices for handling]</td>
</tr>
<tr>
<td>88/129</td>
<td>[Transporter frames for containers]</td>
</tr>
<tr>
<td>88/14</td>
<td>by air</td>
</tr>
<tr>
<td>88/16</td>
<td>flexible (B65D 88/34 - B65D 88/78 take precedence; hoppers B65D 88/26)</td>
</tr>
<tr>
<td>88/1606</td>
<td>[double-walled or with linings (B65D 88/1612 takes precedence; linings for container walls in general B65D 90/004)]</td>
</tr>
<tr>
<td>88/1612</td>
<td>[Flexible intermediate bulk containers [FIBC]]</td>
</tr>
<tr>
<td>88/1618</td>
<td>[double-walled or with linings]</td>
</tr>
<tr>
<td>88/1625</td>
<td>[with stiffening rigid means between the walls]</td>
</tr>
<tr>
<td>88/1631</td>
<td>[with shape keeping flexible elements]</td>
</tr>
<tr>
<td>88/1637</td>
<td>[cables or straps from top to bottom]</td>
</tr>
<tr>
<td>88/1643</td>
<td>[with multiple compartments]</td>
</tr>
<tr>
<td>88/165</td>
<td>[with electrically conductive properties]</td>
</tr>
<tr>
<td>88/1656</td>
<td>[for liquids]</td>
</tr>
<tr>
<td>88/1662</td>
<td>[surrounded by a net]</td>
</tr>
<tr>
<td>88/1668</td>
<td>[closures for top or bottom openings]</td>
</tr>
<tr>
<td>88/1675</td>
<td>[Lifting fittings]</td>
</tr>
<tr>
<td>88/1681</td>
<td>[Flexible, e.g. loops, or reinforcements therefor]</td>
</tr>
<tr>
<td>88/1687</td>
<td>[specially adapted for the forks of a forklift]</td>
</tr>
<tr>
<td>88/1693</td>
<td>(Rigid (B65D 90/205 takes precedence))</td>
</tr>
<tr>
<td>88/18</td>
<td>bellows-shaped (B65D 88/22 takes precedence; connection of valves to inflatable elastic bodies B64C 20/00)</td>
</tr>
<tr>
<td>88/20</td>
<td>with rigid end-walls (B65D 88/18, B65D 88/22 take precedence)</td>
</tr>
</tbody>
</table>
Large containers

88/22 . . . specially adapted for transport (associated with vehicles, see the relevant subclasses of B60 - B64)

88/24 . . . by air

88/26 . . . Hoppers, i.e. containers having funnel-shaped discharge sections (B65D 88/34 - B65D 88/78 take precedence)

88/28 . . . Construction or shape of discharge section

88/30 . . . specially adapted to facilitate transportation from one utilisation site to another (collapsible hoppers B65D 88/52)

88/32 . . . in multiple arrangement

88/34 . . . having floating covers, e.g. floating roofs or blankets (venting means B65D 90/34)

88/36 . . . with relatively movable sections

88/38 . . . with surface water receiver, e.g. drain

88/40 . . . with support for aground cover

88/42 . . . with sealing means between cover rim and receptacle

88/44 . . . with magnetic means acting on the seal

88/46 . . . with mechanical means acting on the seal

88/48 . . . with fluid means acting on the seal

88/50 . . . with resilient foam or stuffed seal

88/52 . . . collapsible, i.e. with walls hinged together or detachably connected

88/522 . . . [all side walls hingedly connected to each other or to another component of the container]

88/524 . . . [and one or more side walls being foldable along an additional median line]

88/526 . . . [with detachable side walls]

88/528 . . . [all side walls detached from each other]

88/54 . . . characterised by means facilitating filling or emptying ([filling or emptying features for flexible large containers B65B 69/0075; ] construction or shape of discharge section of hoppers B65D 88/28; gates or closures B65D 90/54; filling or emptying bunkers, hoppers, or like containers B65G 65/30)

88/542 . . . [Ramps forming part of the container (ramps perpendicular B65G 69/28; for ambulances A61G 3/061; for vehicles in general B60P 1/43)]

88/544 . . . [for filling from below]

88/546 . . . [Devices for loading or unloading and forming part of the container, e.g. rollers, conveyors (loading or unloading vehicles B65G 67/20)]

88/548 . . . [by pneumatic means (B65D 88/72 takes precedence)]

88/56 . . . by tilting

88/58 . . . by displacement of walls

88/60 . . . of internal walls

88/62 . . . the walls being deformable

88/64 . . . preventing bridge formation

88/66 . . . using vibrating or knocking devices

88/665 . . . [using a resonator, e.g. supersonic generator]

88/68 . . . using rotating devices

88/70 . . . using fluid jets (B65D 88/72 takes precedence)

88/703 . . . [Air blowing devices, i.e. devices for the sudden introduction of compressed air into the container]

88/706 . . . [Aerating means, e.g. one-way check valves]

88/72 . . . Fluidising devices

88/74 . . . having means for heating, cooling, aerating or other conditioning of contents

88/741 . . . [aerating by ambient air through openings in the wall]

88/742 . . . [using ventilating sheaths]

88/744 . . . [heating or cooling through the walls or internal parts of the container, e.g. circulation of fluid inside the walls]

88/745 . . . [blowing or injecting heating, cooling or other conditioning fluid inside the container]

88/747 . . . [dehumidifying, dewatering or draining]

88/748 . . . [for tank containers]

88/76 . . . for use underground (manholes, inspection openings, covers therefor B65D 90/105; [special vessels for collecting or storing rain-water for use in the household E03B 3/03; cesspools E03F 11/00])

88/78 . . . for use in or under water (manholes, inspection openings, covers therefor B65D 90/10)

90/00 Component parts, details or accessories for large containers (B65D 88/34 - B65D 88/78 take precedence)

90/006 . . . [Coupling devices between containers, e.g. ISO-containers (coupling devices between containers and vehicles B60P 7/13)]

90/0013 . . . [Twist lock]

90/002 . . . [Apparatus for manual or automatic installation/removal of twist-lock]

90/0026 . . . [Corner fittings characterised by shape, configuration or number of openings]

90/0033 . . . [Lifting means forming part of the container (B65D 90/0006, B65D 90/0026 take precedence; loading or unloading container on or from a truck B60P 1/6418; lifting the container using a crane B66C 1/663)]

90/004 . . . [Contents retaining means]

90/0046 . . . [fixed on the top of the container (B65D 90/0066, B65D 90/0073 take precedence)]

90/0053 . . . [fixed on the side wall of the container (B65D 90/0066, B65D 90/0073 take precedence)]

90/006 . . . [fixed on the floor of the container (B65D 90/0066, B65D 90/0073 take precedence)]

90/0066 . . . [Partition walls]

90/0073 . . . [Storage racks]

90/008 . . . [Doors for containers, e.g. ISO-containers (locking E05B 83/12)]

90/0086 . . . [rotating or wound around a horizontal axis]

90/0093 . . . [Devices for cleaning the internal surfaces of the container and forming part of the container (cleaning of containers in general B08B 9/08)]
Large containers

90/02 . Wall construction (arrangements of leakage-indicating devices comprising hollow spaces within walls B65D 90/01); arrangements of leakage-indicating devices comprising porous spaces or porous layers in walls B65D 90/05; arrangements of leakage-indicating devices comprising electrically conductive layers in walls B65D 90/153)

**WARNING**

Group B65D 90/02 is impacted by reclassification into groups B65D 90/01, B65D 90/03, B65D 90/05, B65D 90/07, and B65D 90/15.

All groups listed in this Warning should be considered in order to perform a complete search.

90/021 . . [Flexible side walls or doors (B65D 88/125 takes precedence)]

90/022 . . [Laminated structures (B65D 90/029 takes precedence)]

90/023 . . [Modular panels]

90/024 . . . [with features of cylindrical curvature]

90/025 . . . [with features of spheroidal curvature]

90/026 . . . [Parallel slats]

90/027 . . . [Corrugated or zig-zag structures; Folded plate]

90/028 . . . [hollow-walled, e.g. double-walled with spacers (linings B65D 90/04)]

90/029 . . . [Wound structures]

90/04 . . . [Linings (for flexible containers B65D 88/160)]

90/041 . . . . [Rigid liners fixed to the container]

90/042 . . . . . [fixed pointwise or linewise]

90/043 . . . . . . . [the liners being in the form of tiles or panels]

90/044 . . . . . . . . [fixed or supported over substantially the whole interface]

90/045 . . . . . . . . . [the liners being in the form of tiles or panels]

90/046 . . . . . [Flexible liners, e.g. loosely positioned in the container]

90/047 . . . . . [comprising rigid bracing, e.g. bulkheads]

90/048 . . . . . [comprising bracing straps]

90/06 . . . . [Coverings, e.g. for insulating purposes]

90/08 . . . . [Interconnections of wall parts; Sealing means therefor]

90/10 . . . . . . Manholes; Inspection openings; Covers therefor (safety features B65D 90/22; covers or similar closure members, for pressure vessels in general F16J 13/00]

90/105 . . . . . . . . [for underground containers]

90/12 . . . . . . Supports

90/125 . . . . [Docking stations, i.e. for the temporary support of the container]

90/14 . . . . . . Legs, e.g. detachable

90/143 . . . . [Detachable individual legs]

90/146 . . . . [Detachable combined legs]

90/16 . . . . . . Skids

90/18 . . . . . . Castors, rolls, or the like; e.g. detachable (castors in general B60B)

90/20 . . . . . . Frames or nets, e.g. for flexible containers

90/205 . . . . . . [for flexible containers, i.e. the flexible container being permanently connected to the frame (B65D 77/061, B65D 88/1612, B65D 90/04); take precedence; unpacking of Flexible Intermediate Bulk Container [FIBC] B65B 69/0075; crane hooks for frames for FIBC B66C 1/226]

90/22 . . . . . . Safety features (floating covers B65D 88/34; arrangements of indicating or measuring devices B65D 90/48; fire-fighting A62C)

90/24 . . . . . . Spillage-retaining means, e.g. recovery ponds

90/26 . . . . . . Overfill prevention (spillage retaining means B65D 90/24; arrangements of indicating or measuring devices B65D 90/48)

90/28 . . . . . . Means for preventing or minimising the escape of vapours

90/30 . . . . . . Recovery of escaped vapours

90/32 . . . . . . Arrangements for preventing, or minimising the effect of, excessive or insufficient pressure (valves per se F16K)

90/325 . . . . . . . . [due to explosion, e.g. inside the container (safely destroying explosive ammunition or similar F42B 39/14; in buildings E04B 1/98)]

90/34 . . . . . . Ventes means (vehicle fuel tanks characterised by venting means B60K 15/05)

90/36 . . . . . . . . Weakened parts

90/38 . . . . . . . . Means for reducing the vapour space or for reducing the formation of vapour within containers

90/40 . . . . . . . . by use of fillings of porous materials

90/42 . . . . . . . . by use of particular materials for covering surface of liquids

90/44 . . . . . . . . by use of inert gas for filling space above liquid or between contents

90/46 . . . . . . . . Arrangements for carrying off, or preventing the formation of electrostatic charges (carrying-off, or preventing the formation of electrostatic charges in general H05F)

90/48 . . . . . . . . Arrangements of indicating or measuring devices

90/50 . . . . . . . . of leakage-indicating devices

**WARNING**

Group B65D 90/50 is impacted by reclassification into groups B65D 90/51 and B65D 90/511.

Groups B65D 90/50, B65D 90/51, and B65D 90/511 should be considered in order to perform a complete search.

90/501 . . . . . . comprising hollow spaces within walls

**WARNING**

Group B65D 90/501 is incomplete pending reclassification of documents from group B65D 90/02.

Group B65D 90/501 is also impacted by reclassification into groups B65D 90/51 and B65D 90/511.

All groups listed in this Warning should be considered in order to perform a complete search.
Large containers

90/503 . . . under pressure or vacuum

**WARNING**

Group **B65D 90/503** is incomplete pending reclassification of documents from group **B65D 90/02**.

Group **B65D 90/503** is also impacted by reclassification into groups **B65D 90/51** and **B65D 90/511**.

All groups listed in this Warning should be considered in order to perform a complete search.

90/505 . . . comprising porous spaces or porous layers in walls

**WARNING**

Group **B65D 90/505** is incomplete pending reclassification of documents from group **B65D 90/02**.

Group **B65D 90/505** is also impacted by reclassification into groups **B65D 90/51** and **B65D 90/511**.

All groups listed in this Warning should be considered in order to perform a complete search.

90/507 . . . under pressure or vacuum

**WARNING**

Group **B65D 90/507** is incomplete pending reclassification of documents from group **B65D 90/02**.

Group **B65D 90/507** is also impacted by reclassification into groups **B65D 90/51** and **B65D 90/511**.

All groups listed in this Warning should be considered in order to perform a complete search.

90/51 . . . characterised by sensors

**WARNING**

Group **B65D 90/51** is incomplete pending reclassification of documents from groups **B65D 90/50**, **B65D 90/501**, **B65D 90/503**, **B65D 90/505**, **B65D 90/507**, and **B65D 90/513**.

All groups listed in this Warning should be considered in order to perform a complete search.

90/511 . . . Float-type indicators

**WARNING**

Group **B65D 90/511** is incomplete pending reclassification of documents from groups **B65D 90/50**, **B65D 90/501**, **B65D 90/503**, **B65D 90/505**, **B65D 90/507**, and **B65D 90/513**.

All groups listed in this Warning should be considered in order to perform a complete search.

90/513 . . . comprising electrically conductive layers in walls

**WARNING**

Group **B65D 90/513** is incomplete pending reclassification of documents from group **B65D 90/02**.

Group **B65D 90/513** is also impacted by reclassification into groups **B65D 90/51** and **B65D 90/511**.

All groups listed in this Warning should be considered in order to perform a complete search.

90/52 . . . Anti-slosh devices (vehicle fuel tanks with means modifying or controlling distribution or motion of fuel, e.g. to prevent noise, surge, splash or fuel starvation **B60K 15/077**)

90/54 . . . Gates or closures (for manholes **B65D 90/10**; covers or similar closure members, for pressure vessels in general **F16J 13/00**; valves per se **F16K**; { doors for containers **B65D 90/008**})

90/545 . . . [Discharge end caps]

90/56 . . . operating by deformation of flexible walls ((**B65D 90/56** takes precedence))

90/58 . . . having closure members sliding in the plane of the opening

90/582 . . . [having a rotational motion]

90/585 . . . {around an axis perpendicular to the valve port}

90/587 . . . [having a linear motion]

90/60 . . . and having one or more openings

90/62 . . . having closure members movable out of the plane of the opening

90/623 . . . [having a rotational motion]

90/626 . . . [having a linear motion]

90/64 . . . having multipart closure members, the parts being brought into closing position one by one according to need

90/66 . . . Operating devices therefor

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**2201/00** Means or constructions for testing or controlling the contents

**2203/00** Decoration means, markings, information elements, contents indicators (see also **B65D 5/4212**, **B65D 33/004**)

**2203/02** . . . Labels

**2203/04** . . . Level indicators (see also **B65D 25/56**, **B65D 33/004**)

**2203/045** . . . using the pivoting movement of the container, when the weight of the contents drops

**2203/06** . . . Arrangements on packages concerning bar-codes

**2203/08** . . . Wrapped groups of articles, the wrapping presenting openings to facilitate the marking or the reading of each article, e.g. individually priced

**2203/10** . . . Transponders

**2203/12** . . . Audible, olfactory or visual signalling means (**B65D 51/248**, **B65D 55/028**, **B65D 79/02** and **B65D 81/24** take precedence)

**2205/00** Venting means

**2205/02** . . . Venting holes
B65D

2205/025 . . having a removable label, sticker or adhesive foil covering the hole
2205/04 . . for venting during the initial insertion of a piston

2207/00 Standing packages

2209/00 Provisions for used articles

2211/00 Anti-theft means

2213/00 Safety means
2213/02 . . Means for preventing build-up of electrostatic charges

2215/00 Child-proof means
2215/02 . . requiring the combination of simultaneous actions
2215/04 . . requiring the combination of different actions in succession
2215/06 . . based on the difference in size between children’s and adults’ hands
2215/08 . . for fooling children, e.g. fake closures

2217/00 Details of mixing containers or closures
2217/02 . . Whereby the mixture can be used several times, e.g. containers which can be resealed after mixing
2217/04 . . Whereby the separation between the different product compartments can be restored, e.g. for reusing

2221/00 Small packaging specially adapted for product samples, single-use packages or échantillons

2231/00 Means for facilitating the complete expelling of the contents
2231/001 . . the container being a bag
2231/002 . . comprising strips forming channels or liquid passageways
2231/004 . . comprising rods or tubes provided with radial openings, ribs or the like, e.g. dip-tubes, spiral rods
2231/005 . . the container being rigid
2231/007 . . Funnels or the like
2231/008 . . integral with the container wall
2231/02 . . Precut holes or weakened zones
2231/022 . . for permitting the insertion of a tubular contents-removing device, e.g. a drinking straw
2231/025 . . for draining or discharging the liquid contents, e.g. soup, milk
2231/027 . . for discharging a solidified or gelatinous products, e.g. pudding, ice-cream, from the package

2251/00 Details relating to container closures (lids or covers for box-like containers B65D 43/00; see also B65D 43/00)
2251/0003 . . Two or more closures
2251/0006 . . Upper closure
2251/0009 . . of the 17-type
2251/0012 . . of the 39-type
2251/0015 . . of the 41-type
2251/0018 . . of the 43-type
2251/0021 . . of the B65D 43/16-type
2251/0025 . . of the 47-type
2251/0028 . . of the 51-type
2251/0031 . . Membrane
2251/0034 . . integral with the container
2251/0037 . . Intermediate closure(s)
2251/004 . . of the 17-type
2251/0043 . . of the 39-type
2251/0046 . . of the 41-type
2251/005 . . of the 43-type
2251/0053 . . of the B65D 43/16 type
2251/0056 . . of the 47-type
2251/0059 . . of the 51-type
2251/0062 . . Membrane
2251/0065 . . integral with the container
2251/0068 . . Lower closure
2251/0071 . . of the 17-type
2251/0075 . . of the 39-type
2251/0078 . . of the 41-type
2251/0081 . . of the 43-type
2251/0084 . . of the B65D 43/16-type
2251/0087 . . of the 47-type
2251/009 . . of the 51-type
2251/0093 . . Membrane
2251/0096 . . integral with the container
2251/0097 . . making a sound upon actuation
2251/012 . . Grip means
2251/023 . . Ribs or recesses
2251/026 . . made of material having a high friction coefficient and preventing slippage during removal by hand, e.g. band, coating
2251/04 . . Orienting or positioning means
2251/06 . . Special configurations; Closures simulating or provided with another item, e.g. puppet, animal, vehicle, building (B65D 81/366 takes precedence)
2251/065 . . the external skirt having a non-circular cross-section, e.g. square, elliptical
2251/07 . . Closures specially adapted for closing bottle-necks of non-circular cross-section
2251/08 . . Closures specially adapted for closing container mouths of differing size or configuration, e.g. screw/snap combination
2251/09 . . Reversible caps or lids, e.g. with threads on one side and a plug on the other
2251/10 . . Details of hinged closures
2251/1008 . . Means for locking the closure in open position
2251/1016 . . Means for locking the closure in closed position
2251/1025 . . Integral locking elements penetrating in an opening, e.g. a flap through a slit, a hook in an opening
2251/1033 . . Protuberances and cavities provided on a horizontal flange respectively of the container or base and the closure, and penetrating one into the other, e.g. of the press-button type
2251/1041 . . The closure having a part penetrating in the dispensing aperture and retained by snapping over integral beads or projections
2251/105 . . The closure having a part fitting over the rim of the container or spout and retained by snapping over integral beads or projections
2251/1058 . . Latching mechanisms
2251/1066 . . Actuating means
2251/1075 . . Levers
2251/1083 . . Closures formed of several sections hinged to the container or base
2251/1091 . . Closures made integrally with the base element at a point remote from the hinge
2251/20 . . Sealing means
2251/205 . . Inserted
2255/00  Containers having bodies formed in one piece
2255/06  Use of seals
2255/20  with coating elements, e.g. ratchet and pawl, formed integrally in the container and closure or dispensing device, e.g. spout, for permanently preventing removal of the latter

2275/00  Details of sheets, wrappers or bags
2275/02  Sheets wrappers or bags provided with protective or puncture resistant patches, specially adapted for meat on the bone, e.g. patch bags

2301/00  Details of blanks
2301/10  Blanks mutually positioned to minimise waste material upon cutting out the individual blank from a continuous or large sheet
2301/20  made of plastic material

2303/00  Orienting or positioning means for containers

2313/00  Connecting or fastening means
2313/02  of hook-and-loop type
2313/04  of magnetic type
2313/06  using vacuum suction cups
2313/08  Double sided adhesive tape, e.g. for suspension of the container (B65D 2313/10 takes precedence)
2313/10  Adhesive or cohesive means for holding the contents attached to the container

2401/00  Tamper-indicating means (relating to aerosol containers B65D 83/224)
2401/05  Tearable non-integral strips
2401/10  Tearable part of the container (B65D 2401/60 takes precedence)
2401/15  Tearable part of the closure (B65D 2401/60 takes precedence)
2401/20  Frangible elements completely enclosed in closure skirt (tear-off strips B65D 2401/25)
2401/25  Non-metallic tear-off strips
2401/30  Tamper-ring remaining connected to closure after initial removal
2401/35  Vertical or axial lines of weakness
2401/40  Bridges having different cross-sections
2401/45  Windows in external skirts for viewing tamper-element
2401/50  Tamper-band co-operating with intermediate ring connected to the container
2401/55  based on a change or a contrast in colour
2401/60  Tearable part both of the container and of the closure

2501/00  Containers having bodies formed in one piece
2501/0009  Bottles or similar containers with necks or like restricted apertures designed for pouring contents
2501/0018  ribs
2501/0027  Hollow longitudinal ribs
2501/0036  Hollow circumferential ribs
2501/0045  Solid ribs
2501/0054  Lines of weakness
2501/0063  Additional discharging means (B65D 1/06 takes precedence)
2501/0072  Means for facilitating filling of the bottle
2501/0081  Bottles of non-circular cross-section
2501/009  Necks of non-circular cross-section

2501/24  Boxes or like containers with moulded compartments or partitions
2501/24006  Details relating to bottle crates
2501/24012  Materials
2501/24019  Mainly plastics
2501/24025  Mainly metal
2501/24031  Mainly wood
2501/24038  Mainly a single material other than plastics, metal or wood
2501/24044  Two or more different materials
2501/2405  Construction
2501/24057  Basket-type
2501/24063  of the walls
2501/2407  Apertured
2501/24076  Grid or mesh
2501/24082  Plain
2501/24089  Height of the side walls
2501/24095  corresponding to the full height of the bottles
2501/24101  higher than the bottles
2501/24108  corresponding to part of the height of the bottles
2501/24114  Walls of varying height
2501/24121  of the bottom
2501/24127  Apertured
2501/24133  Grid, mesh
2501/2414  Plain
2501/24146  Connection between walls or of walls with bottom

2501/24152  Integral (B65D 2501/24184 takes precedence)
2501/24159  Non-integral
2501/24165  Welded or glued
2501/24171  Interlocked (B65D 2501/24184 takes precedence)
2501/24178  Nailed, screwed, riveted (B65D 2501/24184 takes precedence)
2501/24184  Collapsible
2501/24191  Divisible into subparts
2501/24197  Arrangements for locating the bottles
2501/24203  Construction of locating arrangements
2501/2421  Partitions
2501/24216  forming square or rectangular cells
2501/24222  forming cells having a curved shape
2501/24229  forming other polygonal shaped cells, e.g. honeycomb shaped
2501/24235  Pillars
2501/24242  or circular cross-section
2501/24248  of square or rectangular cross-section
2501/24254  of star-like cross-section
2501/24261  ribs on the side walls
2501/24267  Cells in the bottom wall
2501/24273  Cells or apertures in a top wall
2501/2428  Others
2501/24286  Adjustable or removable constructions
2501/24292  Means for locking the bottles in place
2501/24299  Rigid
2501/24305  Resilient
2501/24312  Means for preventing bottle breakage (B65D 2501/24292 takes precedence)
2501/24318  Means for maintaining the bottles in an oblique position
Means for accommodating grouped bottles, e.g. in a wrapper.

Adapted for holding the bottle in an upside-down position.

Means for accommodating bottles of different sizes.

Position pattern.

Columns and rows.

Staggered.

Handles.

Fixed, i.e. non swingable.

provided on a local area of the side walls horizontally, e.g. U-shaped.

vertical, e.g. U-shaped.

fixed by means of one or more collars.

provided on a local area near to or at the upper edge or rim.

centrally located in open container.

provided vertically and fixed to the upper and lower rims or edges.

Swingable handles.

provided on a local area of the side wall(s) horizontally, e.g. U-shaped.

vertical, e.g. U-shaped.

fixed by means of one or more collars.

provided on a local area near to or at the upper edge or rim.

centrally located in open container.

provided vertically and fixed to the upper and lower edges or rims.

provided vertically and fixed to the upper and the lower rim and to the side wall.

Integral handles.

provided on the side wall.

provided near to or at the upper edge or rim.

centrally located in open container.

formed in the walls, e.g. roughnings, cavities or projections.

Hand holes.

Telescopic.

Stacking means (B65D 2501/24694 takes precedence).

for stacking or joining side-by-side (e.g. also containers stacked by being laid on one side).

and loosely interengaged by integral complementary shapes.

and joined together by interconnecting formations forming part of the container.

and joined together by bonding, adhesive or the like.

for stacking or joining the crates together one upon the other, in the upright or upside-down position.

Crates presenting local stacking elements protruding from the upper or lower edge of a side wall.

Crates presenting a continuous stacking profile along the upper edge of at least two opposite side walls.

Crates with stacking feet or corner elements.

Crates with stacking ribs on the side walls.

Crates with a closure presenting stacking elements.

the closure presenting projecting peripheral elements receiving or surrounding the bottom or peripheral elements projecting from the bottom of a superimposed crate.

the bottom presenting projecting peripheral elements receiving or surrounding the closure or peripheral elements projecting therefrom.

the closure and the bottom presenting cooperating peripheral ribs and grooves.

the closure and the bottom presenting local cooperating elements.

Auxiliary removable stacking elements other than covers.

these elements being (part of) the contents.

with movable parts adapted to be placed in alternative positions for stacking the crates at different levels.

Crates joined together by bonding, adhesive or the like.

Crates joined together by screw-, bayonet, snap-fit or the like.

for stacking or joining the crates together in a staggered configuration.

Nesting means (B65D 2501/24694 takes precedence).

Crates shaped to be nested when empty and superposed when full.

Identical stackable crates adapted for nesting after rotation around a vertical axis.

about 180 degrees only.

about 90 degrees.

Identical stackable crates specially adapted for retaining the same orientation when nested.

with movable parts adapted to be placed in alternative positions for nesting the containers when empty and for stacking them when full.

the movable parts being attached or integral and displaceable into a position overlying the top of the crate.

the movable parts being an attached or integral cover.

the movable parts being supports or feet.

the movable parts consisting of walls or parts thereof, i.e. deformable containers.

the movable parts being (part of) the contents.

Reinforcements.

Parts reinforced.

Side walls.

Bottom.

Means used for reinforcing.

Plain integral ribs.
Containers specially constructed to be opened by cutting, piercing or tearing of wall portions, e.g., preserving cans or tins

- Details
- Location of opening
- in can base, i.e. the part on which the container stands
- and also in top wall
- in a separate cover
- in side wall
- Action for opening container
- push-down tear panel
- pull-out tear panel, e.g. by means of a tear-tab
- pivot tab and push-down tear panel
- pivot tab, push-down and pull-out tear panel
- linearly sliding tear panel
- Tear panel rolled about the tab
- Unusual opening actions
- Means for preventing insects from entering container
- formed as part of the tab and moved into position

- connected to the rivet and rotated into position, but formed separately from the tab
- Means for preventing loss of removable element
- the element being part of the tab
- the element being part of the pull-out panel
- Reclosable openings
- the tab reclosing the opening
- by means of the hand grip alone, e.g., rotating hand grip into opening
- the tab and torn out panel together closing the opening, e.g. by sliding
- the tape being resealable
- the plug being reinsertable into the opening
- by means of an additional element
- in the form of a cover
- in the form of a plug
- attached to the tear tab
- Unusual reclosable openings
- Provided with additional elements other than for closing the opening
- Straws, spouts, funnels, or other devices facilitating pouring or emptying
- formed as part of the tab
- Prizes, tokens, badges or other information carrying devices
- forming part of, or connected to, the tab
- provided with a buoyancy chamber, e.g., for floating in water
- Unusual elements
- Other details of container end panel
- General cross-sectional shape of container end panel
- and provided with an additional U-shaped peripheral channel
- inverted U-shaped
- convex shaped end panel
- concave shaped end panel
- located within tear-out-push-in panel
- located externally of tear-out-push-in panel or preformed opening
- located under tab hand grip to facilitate initial lifting of the tab
- Local recess in container end panel
- located beneath tab contact point
- located externally of tear-out-push-in panel or preformed opening
- located beneath tab hand grip to facilitate initial lifting
- Materials of container end panel
- Coated or laminated metal
- Rigid plastic
- Foil-like, e.g. paper or cardboard
- laminated
- with plastic overmoulded onto foil
- Unusual details
- Means for venting upon initial opening
- formed as a partial score line located close to the tab connection
- formed as a separate opening
- formed as a protuberance, contiguous with the opening
2517/0097 . . . Permeable membrane located proximate to opening region
2517/0098 . . . Means for preventing dust contacting pouring opening, e.g. a cover over the tear panel
2517/50 . . . Non-integral frangible members applied to, or inserted in, a preformed opening
2517/5002 . . . Details of flexible tape or foil-like material
2517/5005 . . . with a part of the tape melted through the opening
2517/5008 . . . with a sealing coat
2517/501 . . . with the tape, or one layer thereof, being folded to cover both the top and bottom of container end panel
2517/5013 . . . the tape covering almost the whole of the container end panel
2517/5016 . . . with means for maintaining the tape fixed to the upper surface after initial opening
2517/5018 . . . the other side of the tape being attached to the container to keep the tear panel in the open position
2517/5021 . . . Spiral shaped tear-out tape
2517/5024 . . . Material
2517/5027 . . . Single layer
2517/5029 . . . and connected to container by local areas of adhesive
2517/5032 . . . Laminated
2517/5035 . . . and connected to container by local areas of adhesive
2517/5037 . . . Unusual details
2517/504 . . . Details of preformed openings
2517/5043 . . . provided with a flange
2517/5045 . . . Down-turned flange, i.e. extending into container
2517/5048 . . . rolled or folded back, e.g. to avoid sharp edges
2517/5051 . . . Up-turned flange, i.e. extending away from container
2517/5054 . . . rolled or folded back, e.g. to avoid sharp edges
2517/5056 . . . the edge of the preformed opening having a covering element or coating, e.g. to prevent cutting or for sealing purposes
2517/5059 . . . provided with a plurality of openings
2517/5062 . . . the edge of the preformed opening being provided with incisions or notches for facilitating removal
2517/5064 . . . the punched-out part of the preformed opening is re-inserted in the preformed opening and forming part of the tear panel
2517/5067 . . . provided with a "tongue"
2517/507 . . . Unusual details
2517/5072 . . . Details of hand grip, tear- or lift-tab
2517/5075 . . . Hand grip with finger opening
2517/5078 . . . finger opening edge rolled or folded over
2517/5081 . . . the hand grip formed as an annular or U-shaped element
2517/5083 . . . with means facilitating initial lifting of tape, e.g. lift or pull-tabs
2517/5086 . . . Tape having a U-shaped peripheral section which forms the pull-tab
2517/5089 . . . Lift- or tear-tab formed as a separate piece from flexible tape of foil-like material
2517/5091 . . . Unusual details
2517/5094 . . . Details of frangible member hinge
2517/5097 . . . Hinge line off-set from longitudinal axis of opening, i.e. 0 deg.<angle<90 deg.

2519/00 Pallets or like platforms, with or without side walls, for supporting loads to be lifted or lowered
2519/00004 . . . Details relating to pallets
2519/00009 . . . Materials
2519/00014 . . . for the load supporting surface
2519/00019 . . . Paper
2519/00024 . . . Metal
2519/00029 . . . Wood
2519/00034 . . . Plastic
2519/00039 . . . Agglomerates, i.e. different materials mixed together
2519/00044 . . . Combination, e.g. different elements made of different materials, laminates
2519/00049 . . . for the base surface
2519/00054 . . . Paper
2519/00059 . . . Metal
2519/00064 . . . Wood
2519/00069 . . . Plastic
2519/00074 . . . Agglomerates, i.e. different materials mixed together
2519/00079 . . . Combination, e.g. different elements made of different materials, laminates
2519/00084 . . . for the non-integral separating spacer
2519/00089 . . . Paper
2519/00094 . . . Metal
2519/00099 . . . Wood
2519/00104 . . . Plastic
2519/00109 . . . Agglomerates, i.e. different materials mixed together
2519/00114 . . . Combination, e.g. different elements made of different materials, laminates
2519/00119 . . . for the construction of the reinforcements (not used for the integral reinforcements)
2519/00124 . . . Paper
2519/00129 . . . Metal
2519/00134 . . . Wood
2519/00139 . . . Plastic
2519/00144 . . . Agglomerates, i.e. different materials mixed together
2519/00149 . . . Combination, e.g. different elements made of different materials, laminates
2519/00154 . . . for the side walls
2519/00159 . . . Paper
2519/00164 . . . Metal
2519/00169 . . . Wood
2519/00174 . . . Plastic
2519/00179 . . . Agglomerates, i.e. different materials mixed together
2519/00184 . . . Combination, e.g. different elements made of different materials, laminates
2519/00189 . . . for the lid or cover
2519/00194 . . . Paper
2519/00199 . . . Metal
2519/00203 . . . Wood
2519/00208 . . . Plastic
2519/00213 . . . Agglomerates, i.e. different materials mixed together
2519/00218 . . . Combination, e.g. different elements made of different materials, laminates
Connections

Agglomerates, i.e. different materials mixed together

Combination, e.g. different elements made of different materials, laminates

Overall construction

of the pallet

made of one piece

made of more than one piece

the load supporting surface and the base surface being identical

of the load supporting surface

made of one piece

made of more than one piece

Cell type, e.g. honeycomb

grid type, e.g. perforated plate

of the base surface

made of one piece

made of more than one piece

shape of the contact surface of the base

contact surface having a stringer-like shape

contact surface having a discrete foot-like shape

contact surface being substantially in the form of a panel

contact surface of other form

skeleton type

type, e.g. honeycomb

grid type, e.g. perforated plate

of the non-integral separating spacer

whereby at least one spacer is made of one piece

whereby at least one spacer is made of two or more pieces

Cell type, e.g. honeycomb

grid type, e.g. perforated plate

reinforcements

Integral, e.g. ribs

on the load supporting surface

on the base surface

on the non-integral separating spacer

on the walls

on the lid or cover

Non-integral, e.g. inserts \( \text{B65D 2519/00462 takes precedence} \)

on the load supporting surface

on the base surface

on the non-integral separating spacer

on the walls

on the lid or cover

Applied in mold, e.g. bi-injection molded reinforcement

on or in the load supporting surface

on or in the base surface

on or in the non-integral separating spacer

on or in the lid or cover

of the side walls

whereby at least one side wall is made of one piece

whereby at least one side wall is made of two or more pieces

shape of the wall, i.e. other than rectangular

skeloton type

cell type, e.g. honeycomb

grid type, e.g. perforated plate

Hollow walls

Frame structures

of the lid or cover

of the corner posts

structures connecting side walls, including corner posts, to each other

structures intended to be disassembled, i.e. collapsible or dismountable

side walls directly connected to each other

by means of hinges

integally formed

separately formed

side walls connected via corner posts

side walls maintained connected to each other by means of auxiliary locking elements, e.g. spring loaded locking pins

structures not intended to be disassembled

sidewalls directly connected to each other

sidewalls connected via corner posts

sidewalls not connected to each other, e.g. spaced apart frames

structures connecting side walls to the pallet

Structures intended to be disassembled

by means of hinges

integally formed

separately formed

side walls maintained connected to pallet by means of auxiliary locking elements, e.g. spring loaded locking pins

Structures not intended to be disassembled

structures connecting corner posts to the pallet

Structures intended to be disassembled

Hinges

integally formed

separately formed

corner posts maintained connected to pallet by means of auxiliary locking elements, e.g. spring loaded locking pins

Structures not intended to be disassembled

structures connecting the lid or cover to the side walls or corner posts

removable lid or covers
Details relating to closures arranged within necks or pouring openings or in discharge apertures, e.g. stoppers

2539/001 . . . . . . Details of closures arranged within necks or pouring opening or in discharge apertures, e.g. stoppers
2539/003 . . . . . . provided with sealing flanges or ribs
2539/005 . . . . . . provided with slits or gaps for increasing the elasticity
2539/006 . . . . . . provided with separate sealing rings
2539/008 . . . . . . with coatings or coverings

2543/00 Lids or covers essentially for box-like containers

2543/00009 . . . . . . Details of lids or covers for rigid or semi-rigid containers
2543/00018 . . . . . . Overall construction of the lid
2543/00027 . . . . . . Stackable lids or covers
2543/00037 . . . . . . Disc closures
2543/00046 . . . . . . Drinking-through lids
Lids serving as, or incorporating, drinking or measuring vessels

Shape of the outer periphery

curved (combined with straight sides)

oval

circular

square-like or rectangular-like

triangular-like, i.e. three curved sides

having straight sides, e.g. with curved corners

two straight sides and at least one curved side

with one curved side

two curved sides

three straight sides

and at least one curved side

four straight sides, e.g. trapezium or diamond

and at least one curved side

square or rectangular (with curved sides)
specifically square

more than four sides

Hollow and made of one piece

made of several pieces

two pieces, one forming at least the whole skirt, the other forming at least the whole upper part

Multi-position closures

Materials used

Paper

Metal

Wood

Plastic

Other

Combination, e.g. laminates, several different materials

Lids integrally moulded with the container, or with a connecting piece, and separated therefrom by rupturing the connection before the first use

Not reusable, e.g. destroyed on opening

Central part of the lid

Dome-like

placed on a tray like container

Flexible or deformable

hinged or articulated, i.e. made of two or more parts hinged one to another

Bent or angled, i.e. central part presents two main planes

Reinforcing ribs in the central part of the closure

radial

circular

Lids or covers welded or adhered to the container

Lids secured to an intermediate ring or like annular member fixed to the container mouth

Contact between the container and the lid

in a peripheral U-shaped channel of the container

peripheral U-shaped channel of the lid

Skirt

on the inside or the outside of the container

on the inside, or a part turned to the inside of the mouth of the container

both cup and skirt

Cup

Skirt

NO contact

NO contact

indirect by means of a gasket or similar intermediate ring

secured locally, i.e. a lot less than half the periphery

Means for limiting the axial insertion of the lid on the container

Snaping means

Profiles

Groove or hollow bead

Massive bead

Rolled edge

Flange or lip

U-shaped or inverted U

Hole

Periphery concerned

Totality

Segments

Dots

Means for facilitating removing of the closure

Integral tabs, tongues, handles or similar

outside of the lid

on the central part of the lid

Non-integral tabs, tongues, handles or similar

outside of the lid

on the central part of the lid

by applying lever forces

by means of a coin or other tool in recesses or similar on container or lid

directly on two elements of container and lid respectively, i.e. using the fingers

downward vertical pressure in order to tilt the opposite side of the lid

by applying inwardly directed pressure at two horizontally opposed points

by depressing the central part at least locally

Located only on the container, e.g. recesses

Sealing means

inserted
B65D

2543/00972 . . . . Collars or rings
2543/00981 . . . . Discs
2543/00999 . . . . Integral supplemental sealing lips

2547/00 Closures with filling and discharging, or with discharging, devices
2547/04 . . . . Closures with discharging devices other than pumps
2547/06 . . . . with pouring spouts or tubes; with discharge nozzles or passages
2547/063 . . . . Details of spouts
2547/066 . . . . inserted in or attached to the base element

2555/00 Accessories for container closures not otherwise provided for
2555/02 . . . . Locking devices; Means for discouraging or indicating unauthorised opening or removal of closure
2555/025 . . . . Applied tearing or cutting means, e.g. tear-strings

2563/00 Flexible elongated elements, e.g. straps for bundling or supporting articles
2563/10 . . . . Non-metallic straps, tapes or bands; Filamentary elements, e.g. strings, threads, wires; Joints between ends thereof
2563/101 . . . . Details of non-metallic straps, tapes or bands
2563/102 . . . . having an integral securing member with only one locking position, i.e. the strap cannot be tightened
2563/103 . . . . details of the male locking member, e.g. locking teeth on the strap
2563/105 . . . . formed as spheres, cones, pyramids or the like
2563/106 . . . . formed as a ladder-like structure
2563/107 . . . . having a release mechanism, e.g. reusable bundling straps
2563/108 . . . . Appendages formed with/on the strap for purposes other than joining, releasing or bundling, e.g. for fixing the strap to a wall, label plates

2565/00 Wrappers or flexible covers; Packaging materials of special type or form
2565/38 . . . . Packaging materials of special type or form
2565/381 . . . . Details of packaging materials of special type or form
2565/382 . . . . made of special paper
2565/383 . . . . made of recycled paper
2565/384 . . . . made of recycled material (B65D 2565/383 takes precedence)
2565/385 . . . . especially suited for or with means facilitating recycling
2565/386 . . . . packaging containers consisting of two or more parts made of the same material
2565/387 . . . . Materials used as gas barriers
2565/388 . . . . Materials used for their gas-permeability

2571/00 Bundles of articles held together by packaging elements for convenience of storage or transport, e.g. portable segregating carrier for plural receptacles such as beer cans, pop bottles; Bales of material
2571/00006 . . . . Palletisable loads, i.e. loads intended to be transported by means of a fork-lift truck
2571/00012 . . . . Bundles surrounded by a film
2571/00018 . . . . under tension
2571/00024 . . . . Mechanical characteristics of the shrink film

2571/0003 . . . . Mechanical characteristics of the stretch film
2571/00037 . . . . Bundles surrounded by carton blanks
2571/00043 . . . . Intermediate plates or the like
2571/00049 . . . . placed vertically
2571/00055 . . . . Clapping elements, also placed on the side
2571/00061 . . . . Special configuration of the stack
2571/00067 . . . . Local maintaining elements, e.g. partial packaging, shrink packaging, shrink small bands
2571/00074 . . . . Stabilising or reinforcing columns
2571/0008 . . . . Load supporting elements
2571/00086 . . . . Feet or isolated supports, not formed by the articles
2571/00092 . . . . formed by specially placed articles or parts thereof
2571/00098 . . . . Devices for transporting the load also from above
2571/00104 . . . . Forms or jigs for use in making the load
2571/00111 . . . . Arrangements of lexible binders
2571/00117 . . . . with protecting or supporting elements arranged between binder and articles or materials, e.g. for preventing chafing of binder
2571/00123 . . . . Bundling wrappers or trays
2571/00129 . . . . Wrapper locking means (end walls locking means B65D 2571/00722)
2571/00135 . . . . integral with the wrapper
2571/00141 . . . . glued
2571/00148 . . . . heat sealed or welded
2571/00154 . . . . interlocked
2571/0016 . . . . by tabs protruding from one end and co-operating with openings at the other end
2571/00166 . . . . . . and serving as contents separators or locators
2571/00172 . . . . by tabs cut within one end and facing towards the other end when blank is unfolded, and co-operating with openings at the other end
2571/00179 . . . . . . and serving as contents separators or locators
2571/00185 . . . . by tabs cut within one end and facing away from the other end when blank is unfolded, and co-operating with openings at the other end
2571/00191 . . . . . . and serving as contents separators or locators
2571/00197 . . . . by tabs cut within one end and facing laterally or diagonally and co-operating with openings at the other end
2571/00203 . . . . . . and serving as contents separators or locators
2571/00209 . . . . . . locked at least a part of the contents
2571/00216 . . . . . . non integral with the wrapper
2571/00222 . . . . . . Adhesive members, e.g. tape
2571/00228 . . . . . . Interlocking members
2571/00234 . . . . . . Staples
2571/0024 . . . . . . Strings, cords bands
2571/00246 . . . . . . Locating elements for the contents
2571/00253 . . . . . . integral with the wrapper
2571/00259 . . . . . . inwardly folded tabs, i.e. elements substantially narrower than the corresponding package dimension
2571/00265 . . . . . . extending from the upper or lower wall
2571/00271 . . . . . . extending from at least a side wall
2571/00277 . . . . . . Slits or openings formed along a fold line
2571/00283 . . . . . . Openings in at least a side wall
Other details of wrappers

- **2571/00864**: Openings in top or bottom walls
- **2571/00851**: consisting of at least a part of a wall conforming to the contents shape
- **2571/00845**: consisting of an inward deformation of at least a wall, e.g. embossed, keels
- **2571/00827**: consisting of inwardly bent panels or flaps
- **2571/0082**: with locating holes or cuts
- **2571/00814**: inserted the wrapper
- **2571/00808**: the articles being glued to the wrapper
- **2571/00802**: Partitions, i.e. elements contacting a major part of each article or extending across the whole length of the wrapper
- **2571/0079**: extending from the upper or lower wall
- **2571/00783**: Squarings or the like
- **2571/00771**: Two rows of two cells
- **2571/00765**: Four rows of more than two cells
- **2571/00759**: extended from at least a side wall
- **2571/00753**: Squarings or the like
- **2571/0074**: Two rows of two cells
- **2571/00734**: Four rows of more than two cells
- **2571/00728**: inserted the wrapper
- **2571/00722**: extending from at least a side wall
- **2571/00716**: Squarings or the like
- **2571/0071**: Two rows of two cells
- **2571/00708**: Four rows of more than two cells
- **2571/00702**: inserted the wrapper
- **2571/00697**: Squarings or the like
- **2571/00691**: Two rows of two cells
- **2571/00685**: Four rows of more than two cells
- **2571/00679**: Handles or suspending means
- **2571/00673**: for fingers
- **2571/00666**: for hands
- **2571/00662**: integral with the wrapper
- **2571/00656**: Straps made by two slits in a wall
- **2571/00649**: Straps made between two handholes
- **2571/00647**: and extending ion a substantially vertical plane
- **2571/00644**: and formed by portions of the top wall being cut out and folded upwardly
- **2571/00643**: attached to the wrapper
- **2571/00635**: the handle being a part of one of the articles
- **2571/00629**: the handle being formed integrally with an attached partition
- **2571/00623**: movable or foldable between an extended and a retracted position
- **2571/00617**: with reinforcements
- **2571/00613**: integral
- **2571/00607**: attached
- **2571/00601**: with stress relieving means
- **2571/00595**: consisting of cut-outs, slits, or the like
- **2571/00589**: consisting of fold lines
- **2571/00583**: Wrapper opening devices
- **2571/00576**: Lines of weakness (B65D 2571/00864 takes precedence)
- **2571/00572**: defining a narrow removable strip
- **2571/00566**: whereby contents can still be carried after the line has been torn
- **2571/00560**: The tear line defining a dispensing aperture provided with means for preventing the articles from freely exiting the wrapper, e.g. by rolling out
- **2571/00554**: the means being elastically deformed for removing an object
- **2571/00548**: with means for reclosing
- **2571/00542**: The tearable part having a specific use
- **2571/00536**: for supporting the wrapper in a dispensing position, e.g. inclined
- **2571/00530**: for holding an article, e.g. insulating
- **2571/00524**: combined with means for assisting dispensing not made by the tearable dispensing part
- **2571/00518**: for preventing the contents from exiting freely
- **2571/00512**: for supporting the wrapper in a dispensing position
- **2571/00506**: Means for unlocking, e.g. for grasping and tearing the glued overlapping edge
- **2571/00499**: Inserted cutting bands or strings
- **2571/00493**: Elements used to form the wrapper
- **2571/00487**: Blanks
- **2571/00481**: formed from one single sheet
- **2571/00475**: formed from two or more sheets
- **2571/00470**: Films
- **2571/00463**: Shrink films
- **2571/00457**: Stretch films
- **2571/00451**: Nets
- **2571/00445**: Other elements
- **2571/00439**: Two or more different elements
- **2571/00433**: Shape of the formed wrapper, i.e. shape of each formed element if the wrapper is made from more than one element
- **2571/00427**: tubular without end walls
- **2571/00421**: tubular with end walls, e.g. walls not extending on the whole end surface
- **2571/00415**: the end walls being closed by gluing
- **2571/00411**: the end walls being closed by heat sealing
- **2571/00406**: the end walls being closed by applying tape
- **2571/00401**: the end walls being closed by staples
- **2571/00395**: the end walls being closed by applying tape
- **2571/00390**: the end walls being closed by interlocking
- **2571/00384**: the end walls having a part tucked between side, top or bottom wall and contents or between two articles
- **2571/00378**: the end walls being retained in closed position by their own rigidity
- **2571/00372**: the end walls being locked to at least a part of the contents
- **2571/00366**: with inserted end walls
- **2571/00360**: the end walls forming the bottom or upper wall
- **2571/00354**: U-shaped
- **2571/00348**: cross-like
- **2571/00342**: Other shapes
- **2571/00336**: Inserts
- **2571/00330**: for reinforcing
- **2571/00324**: Supplementary bundling elements, e.g. straps
- **2571/00318**: Cards, coupons
- **2571/00312**: Other details of wrappers
- **2571/00306**: Integral reinforcements
- **2571/00299**: Windows
- **2571/00293**: Detachable cards, coupons
- **2571/00285**: Devices for locating the wrapped bundle in a container, e.g. in a bottle crate
- **2571/00279**: Lines of weakness for separating into subgroups
B65D

2571/0087 . . . Special features for machine processing, e.g. gripper apertures
2571/00876 . . . Frangible bridges left into cut lines for facilitating folding operations
2571/00882 . . . Supporting members
2571/00888 . . . Stacking elements
2571/00895 . . . for stacking one upon the other
2571/00901 . . . for stacking side by side
2571/00907 . . . for accommodating articles in different positions or arrangements
2571/00913 . . . for accommodating articles of varying size
2571/00919 . . . Informative or decorative surfaces
2571/00925 . . . for packaging together a set of dissimilar articles
2571/00932 . . . Flattenable or foldable packages
2571/00938 . . . Means for maintaining collapsible packages in erected state (B65D 2571/00129 takes precedence)
2571/00944 . . . Hooks
2571/0095 . . . . . . engaging a side wall
2571/00956 . . . . . . engaging the bottom wall
2571/00962 . . . . . . by unfolding a wall beyond a dead point
2571/00969 . . . . . . Glue tabs
2571/00975 . . . . . . Locking tabs
2571/00981 . . . . . . External accessories
2571/00987 . . . . . . Straps, strings, or similar elements
2571/00993 . . . . . . Outer wrappers

2575/00 Packages comprising articles or materials partially or wholly enclosed in strips, sheets, blanks, tubes or webs of flexible sheet material, e.g. in folded wrappers

2575/28 . . . Articles or materials wholly enclosed in composite wrappers, i.e. wrappers formed by association or interconnecting two or more sheets or blanks

2575/30 . . . Articles or materials enclosed between two opposed sheets or blanks having their margins united, e.g. by pressure-sensitive adhesive, crimping, heat-sealing, or welding

2575/32 . . . one or both sheets or blanks being recessed to accommodate contents

2575/3209 . . . . . Details
2575/3218 . . . . . with special means for gaining access to the contents

2575/3227 . . . . . Cuts or weakening lines
2575/3236 . . . . . . for initiating or facilitating subsequent peeling off of the non-rigid sheet
2575/3245 . . . . . . by peeling off the non-rigid sheet
2575/3254 . . . . . Integral means for assisting piercing or tearing

2575/3263 . . . . . Means or construction allowing stacking, bundling or interfitting of packages
2575/3272 . . . . . Special suspension means for the package
2575/3281 . . . . . Tear lines dividing the package into a plurality of packages
2575/329 . . . . . Fixing or supporting means for the contents

2575/36 . . . One sheet or blank being recessed and the other formed or relatively stiff flat sheet material, e.g. blister packages
2575/361 . . . . . . Details
2575/362 . . . . . . with special means for gaining access to the contents
2575/363 . . . . . . by sliding one sheet relative to the other

2575/365 . . . . . . . . . . partially or totally releasing one sheet from the other

2575/366 . . . . . . . . . . through a preformed opening in the recessed sheet, e.g. the opening being defined by weakened lines

2575/367 . . . . . . . . . . through a preformed opening in the flat sheet, e.g. the opening being defined by weakened lines

2575/368 . . . . . . . . . . with reclosing means

2575/52 . . . . . Details

2575/54 . . . . . Cards, coupons, or other inserts or accessories

2575/56 . . . . . Handles or other suspension means

2575/565 . . . . . means explicitly used for suspending

2575/58 . . . . . Opening or contents-removing devices added or incorporated during package manufacture

2575/583 . . . . . the non-integral spout having an elongate cross-sectional shape, e.g. canoe or boat shaped

2575/586 . . . . . with means for reclosing

2577/00 Packages formed by enclosing articles or materials in preformed containers, e.g. boxes, cartons, sacks, bags

2577/04 . . . Articles or materials enclosed in two or more containers disposed one within another

2577/041 . . . . . Details of two or more containers disposed one within another

2577/042 . . . . . Comprising several inner containers

2577/043 . . . . . arranged side by side

2577/045 . . . . . stacked

2577/046 . . . . . . with intermediate trays, plates

2577/047 . . . . . . . . . . stacked and arranged side by side

2577/048 . . . . . . . . . . with intermediate trays, plates

2577/10 . . . . . Container closures formed after filling

2577/20 . . . . . by applying separate lids or covers

2577/2008 . . . . . . Rigid cutting or tearing devices

2577/2016 . . . . . . Reinscribing ribs in the central part of the closure

2577/2025 . . . . . . Multi-layered container, e.g. laminated, coated

2577/2033 . . . . . . with one or more layers of container being torn off upon initial opening

2577/2041 . . . . . . Pull tabs

2577/205 . . . . . . . . . . integral with the closure

2577/2058 . . . . . . . . . . attached to the closure

2577/2066 . . . . . . Means on, or attached to, container flange facilitating opening, e.g. non-bonding region, cut-out

2577/2075 . . . . . . Lines of weakness or apertures

2577/2083 . . . . . . in container flange

2577/2091 . . . . . . in cover

2581/00 Containers, packaging elements, or packages, for contents presenting particular transport or storage problems, or adapted to be used for non-packaging purposes after removal of contents

2581/02 . . . . . specially adapted to protect contents from mechanical damage

2581/05 . . . . . maintaining contents at spaced relation from package walls, or from other contents

2581/051 . . . . . Details of packaging elements for maintaining contents at spaced relation from package walls, or from other contents

2581/052 . . . . . Materials

2581/053 . . . . . Paper in general, e.g. paperboard, carton, molded paper
Cooking or heating method specially adapted to be heated by microwaves

Properties of the food are used to control the cooking or heating process, e.g. the food is cooked

Doneness indicators, e.g. to indicate whether the food is cooked

Packaging material is used to hold the food, e.g. as a stand

Convective heating chamber

Means for applying microwave reactive material to the package

Microwave reactive material applied by ink printing

Microwave reactive material applied by vacuum, sputter or vapor deposition

Microwave reactive material directly applied to paper substrate

Microwave reactive material moulded with the container, e.g. as a filler in thermoplastics

Microwave reactive substances present in the packaging material

Other metallic compounds, e.g. silver, gold, copper, nickel

Silicon or oxides thereof

Carbon, carbon black, or graphite

Other unusual non-metallic substances, e.g. ivory, wood

Dielectric characteristics of microwave reactive materials

Reflection, Absorption and Transmission [RAT] properties of the microwave reactive package
2585/30 . . . for articles particularly sensitive to damage by shock or pressure

2585/36 . . . for biscuits or other bakery products

2585/08 . . . for compressible or flexible rod-shaped or tubular article

2585/085 . . . Shirred sausage casings

2585/30 . . . for articles particularly sensitive to damage by shock or pressure

2585/36 . . . for biscuits or other bakery products
for electrical components (small electrical components attached to cards, sheets or webs B65D 73/02; for articles particularly sensitive to damage by shock or pressure B65D 2585/30; for ampoules, lamp bulbs, electronic valves or tubes B65D 85/42)

Batteries

**Large container**

- **2588/02** rigid
- **2588/12** specially adapted for transport
- **2588/125** Intermediate bulk container [IBC]
- **2588/16** flexible
- **2588/162** Flexible intermediate bulk containers [FIBC]
- **2588/165** FIBC on a pallet base
- **2588/167** FIBC in multiple arrangement
- **2588/54** characterised by means facilitating filling or emptying
  - **2588/545** Dip tubes
  - **2588/64** preventing bridge formation
  - **2588/645** through walls being deformable
  - **2588/74** having means for heating, cooling, aerating or other conditioning of contents
  - **2588/743** blowing or injecting heating, cooling or other conditioning fluid inside the container
  - **2588/746** with additional treatment function

**Component parts, details or accessories for large containers**

- **2590/0008** Coupling device between containers
- **2590/0016** Lashings means
- **2590/0025** Twist lock
- **2590/0033** Semi or fully automatic twist lock, i.e. semi or fully automatic locking/unlocking
- **2590/0041** Contents retaining means
- **2590/005** adaptable to the size of the transport goods
- **2590/0058** for cylindrical transport goods
- **2590/0066** Containers inside the container
- **2590/0075** Repairing or refitting kit
- **2590/0083** Computer or electronic system, e.g. GPS systems
- **2590/0091** Ladders
- **2590/02** Wall construction
- **2590/023** Special coating or treatment of the internal surface
- **2590/026** Special coating or treatment of the external surface
- **2590/04** Linings
- **2590/043** Flexible liners
- **2590/046** Bladders
- **2590/22** Safety features
- **2590/24** Spillage-retaining means
- **2590/245** using self-sealing means
- **2590/54** Gates or closures
- **2590/542** special sealing means or means for improving sealing
- **2590/545** flexible gates
- **2590/547** in multiple arrangement
- **2590/66** Operating devices therefor
- **2590/662** allowing a particular motion, e.g. combination of rotational and linear
- **2590/664** actuating mechanism other than manual, e.g. pneumatic, electropneumatic, hydraulic, electromagnetic