

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 or 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

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(continued)

B65D 5/465	covered by	B65D 5/46008 - B65D 5/46032
B65D 5/468	covered by	B65D 5/4608
B65D 5/472	covered by	B65D 5/46048
B65D 5/475	covered by	B65D 5/46008
B65D 5/478	covered by	B65D 5/46056
B65D 5/4805 - B65D 5/489	covered by	B65D 5/48002
B65D 5/49 - B65D 5/499	covered by	B65D 5/48024
B65D 5/63	covered by	B65D 5/72
B65D 6/00 - B65D 6/40	covered by	B65D 7/00 , B65D 9/00 , B65D 11/00 , B65D 15/00
B65D 8/00 - B65D 8/22	covered by	B65D 7/00 , B65D 9/00 , B65D 11/00 , B65D 15/00
B65D 19/22	covered by	B65D 19/0004
B65D 19/24	covered by	B65D 19/0004
B65D 19/26	covered by	B65D 19/0004
B65D 19/28	covered by	B65D 19/0004
B65D 19/30	covered by	B65D 19/0004
B65D 19/31	covered by	B65D 19/0004
B65D 19/32	covered by	B65D 19/0002 , B65D 19/0004
B65D 19/34	covered by	B65D 19/0004
B65D 21/024	covered by	B65D 21/0201
B65D 21/028	covered by	B65D 21/0204
B65D 21/032	covered by	B65D 21/0209
B65D 21/036	covered by	B65D 21/0217
B65D 25/26	covered by	B65D 81/02
B65D 30/00 - B65D 30/28	covered by	B65D 29/00 , B65D 31/00
B65D 33/17	covered by	B65D 33/1633
B65D 33/36	covered by	B65D 75/58
B65D 33/38	covered by	B65D 75/5861
B65D 35/48 - B65D 35/54	covered by	B65D 47/2018
B65D 39/18	covered by	B65D 39/00
B65D 41/01	covered by	B65D 41/00
B65D 43/03	covered by	B65D 43/00 + B65D 2543/00027
B65D 43/04	covered by	B65D 43/0214
B65D 43/10	covered by	B65D 43/0204
B65D 47/22	covered by	B65D 47/20
B65D 47/34	covered by	B05B 11/00
B65D 50/08	covered by	B65D 55/02
B65D 50/10	covered by	B65D 55/02
B65D 50/12	covered by	B65D 55/02
B65D 50/14	covered by	B65D 55/02
B65D 65/26 - B65D 65/32	covered by	B65D 75/58
B65D 65/34	covered by	B65D 75/66
B65D 65/36	covered by	B65D 75/58
B65D 71/52 - B65D 71/68	covered by	B65D 71/0003 - B65D 71/0077
B65D 75/60 - B65D 75/64	covered by	B65D 75/58
B65D 81/15	covered by	B65D 81/05
B65D 81/17	covered by	B65D 81/02
B65D 83/18	covered by	B65D 83/201 , B65D 83/206
B65D 83/58	covered by	B65D 83/44
B65D 83/76	covered by	B65D 83/0005
B65D 85/57	covered by	G11B 23/00
B65D 85/575	covered by	G11B 23/00
B65D 85/86 - B65D 85/90	covered by	H01L 21/00 , H05K 13/00

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 3/00](#), [B65D 5/00](#); 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. cams, 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 83/0055](#) take precedence) ; containers for pharmaceutical purposes [A61J 1/20](#), [A61M 5/19](#); containers with disinfecting linings [A61L 2/00](#); liquid sprayers [B05B](#); 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 (integrally 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 1/243](#)})
- 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 bending 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}

- 3/263 {and having an attached or applied tearing or reinforcing element}
- 3/264 . . . {forming a longitudinal line of weakness}
- 3/265 {and having an attached or applied tearing or reinforcing element}
- 3/266 . . . {forming a helical line of weakness}
- 3/267 {and having an attached or applied tearing or reinforcing element}
- 3/268 . . {the opening arrangement being located in a container closure}
- 3/28 . Other details of walls
- 3/30 . . Local reinforcements, e.g. metallic rims
- 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 19/02](#))**
- 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 interconnected 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

- 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 ledge 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}

- 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 coacting 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 glueing, 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}

- 5/46104 {at least one of the other closure flaps being provided with a slit which completely encompasses the two handle elements to maintain the handle in position}
- 5/46112 {either the handle elements being formed with lugs which engage with the other side walls or closure flaps, or the other closure flaps folding over a part of the handle to maintain the handle in position}
- 5/4612 {formed by extensions of side flaps or by side flaps of a container formed by folding-up portions connected to a central panel from all sides}
- 5/46128 {two opposite closure flaps being provided with handle elements which are in contact with each other}
- 5/46136 {at least one of the other closure flaps being provided with a slit which completely encompasses the two handle elements to maintain the handle in position}
- 5/46144 {either the handle elements being formed with lugs which engage with the other side walls or closure flaps, or the other closure flaps folding over a part of the handle to maintain the handle in position}
- 5/46152 {formed in closure flaps of a container formed by folding a blank to U-shape to form the base and opposite sides, the remaining sides being formed by extensions of these opposite sides}
- 5/4616 {two opposite closure flaps being provided with handle elements which are in contact with each other}
- 5/46168 {at least one of the other closure flaps being provided with a slit which completely encompasses the two handle elements to maintain the handle in position}
- 5/46176 {either the handle elements being formed with lugs which engage with the other side walls or closure flaps, or the other closure flaps folding over a part of the handle to maintain the handle in position}
- 5/46184 {formed by extensions of parts of the blank, serving also as a partition in the container}
- 5/46192 {formed by incisions in the container or blank forming straps used as handles}
- 5/48 Partitions
- 5/48002 {integral}
- 5/48004 {Squaring, i.e. at least four not aligned compartments}
- 5/48006 {Longitudinal partition provided with cut flaps folded perpendicular to the partition}
- 5/48008 {formed by folding extensions hinged to the upper or lower edges of a tubular body ([B65D 5/48006 takes precedence](#))}
- 5/4801 {formed by folding extensions of side panels of a "cross-like" body blank}
- 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](#))
- 5/5002 {Integral elements for containers having tubular body walls}
- 5/5004 {formed as an extension of the end closures ([hollow or recessed end closures B65D 5/0245](#))}
- 5/5007 {formed by inwardly protruding of folded parts of the body}
- 5/5009 {in combination with the end closures or extensions thereof}
- 5/5011 {formed by folding inwardly of extensions hinged to the upper or lower edges of the body}

- 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 71/72](#); 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)}

- 5/5273 {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 5/58](#) 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 5/566](#))}
- 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 5/6611](#), [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)}

- 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 5/746](#) 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}

5/76	. . . for discharging metered quantities	9/02	. {Containers of curved cross-section, e.g. cylindrical boxes (thermally insulated B65D 81/3813 , B65D 81/3837)}
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)}	9/04	. . {made up of staves, e.g. barrels for liquids (thermally insulated barrels, B65D 81/3802)}
7/02	. {characterised by shape}	9/06	. {Boxes or crates of polygonal cross-section}
7/04	. . {of curved cross-section, e.g. cans of circular or elliptical cross-section (thermally insulated B65D 81/3813 , B65D 81/3837)}	9/08	. . {of drawer-and-shell type}
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)}	9/10	. {Baskets or like containers made in interwoven or intermeshing flexible wooden material or by attaching thin wooden strips to a supporting framework}
7/06	. . {of polygonal cross-section, e.g. tins, boxes}	9/12	. {collapsible, e.g. with all parts detachable}
7/065	. . . {with partitions or compartments}	9/14	. . {with all parts hinged together}
7/08	. . . {Trays or like containers without lids}	9/16	. . . {wire-bound boxes}
7/10	. . . {of drawer-and-shell type}	9/18	. . {with some parts detachable and other parts hinged together}
7/12	. {characterised by wall construction or by connections between walls}	9/20	. . . {wire-bound boxes}
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}	9/22	. . {Fastening devices for holding collapsible containers in erected state, e.g. integral with container walls}
7/16	. . . {made of apertured or perforated sheet metal components}	9/24	. . . {separate from container walls}
7/18	. . . {made up of interconnected spaced bands}	9/26	. {with double end walls, e.g. double bottoms (for thermal insulating purposes B65D 81/3806 , B65D 81/3818 , B65D 81/383)}
7/20	. . . {made of wire}	9/28	. . {with bottoms movable under influence of contents}
7/22	. . {with double walls, e.g. double end walls (for thermal insulating purposes B65D 81/3806 , B65D 81/3818 , B65D 81/383)}	9/30	. {Applications of laminates as wall material, e.g. plywood}
7/24	. . {collapsible, e.g. with all parts detachable}	9/32	. {Details of wooden walls; Connections between walls (other container details B65D 23/00 , B65D 25/00 ; connections between walls and non-removable lids or covers B65D 43/14)}
7/26	. . . {with all parts hinged together}	9/34	. . {Joints; Local reinforcements}
7/28	. . . {with some parts detachable and other parts hinged together}	9/36	. . . {Battens}
7/30	. . . {Fastening devices for holding collapsible containers in erected state, e.g. integral with container walls}	9/38	. . . {Metal bands or strips}
7/32	. . . . {separate from container walls}	11/00	{Containers having bodies formed by interconnecting or uniting two or more rigid, or substantially rigid, components made wholly or mainly of plastics material (specially constructed to be opened by cutting, piercing, or tearing of wall portions B65D 17/00; pallets B65D 19/00)}
7/34	. . {with permanent connections between walls (permanent connections between walls for closing containers after filling B65D 17/06)}	11/02	. {of curved cross-section (thermally insulated B65D 81/3813)}
7/36	. . . {formed by rolling, or by rolling and pressing}	11/04	. . {Bottles or similar containers with necks or like restricted apertures designed for pouring contents (thermally insulated B65D 81/3837)}
7/38	. . . {formed by soldering, welding, or otherwise uniting opposed surfaces}	11/06	. . {Drums or barrels (thermally insulated B65D 81/3802)}
7/40	. . {with walls formed with filling or emptying apertures}	11/08	. . . {Arrangements of filling or discharging 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)}	11/10	. {of polygonal cross-section and all parts being permanently connected to each other (B65D 11/18 takes precedence)}
7/44	. . {Reinforcing or strengthening parts or members}	11/105	. . {the container being formed by two mating U-shaped halves connected to each other after a rotation of 90 degrees}
7/46	. . . {Corrugations}	11/12	. . {of drawer-and-shell type}
7/48	. . {Local reinforcements, e.g. adjacent closures}	11/14	. {of skeleton or apertured construction, e.g. baskets or carriers made up of interconnected spaced bands, rods, or strips}
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 therefor}	11/16	. {with double walls}
		11/18	. {collapsible, i.e. with walls hinged together or detachably connected}

11/1806	. . {comprising two side walls hinged to a base panel and two other side walls being extensions hinged to said side walls}	15/10	. . {with curved, or partially curved, walls made of metal}
11/1813	. . . {and one or more side walls being foldable along a median line}	15/12	. . . {with end walls made of paper}
11/182	. . {comprising two side walls hinged along the sides of a base panel and to an upper frame and two other side walls being hinged only to the upper frame}	15/14	. . . {with end walls made of plastics material}
11/1826	. . . {and one or more side walls being foldable along a median line}	15/16	. . {with curved, or partially curved, walls made of plastics material}
11/1833	. . {whereby all side walls are hingedly connected to the base panel (B65D 11/186 takes precedence)}	15/18	. . . {with end walls made of metal}
11/184	. . . {and one or more side walls being foldable along a median line}	15/20	. . . {with end walls made of paper}
11/1846	. . {whereby all side walls are hingedly connected to each other (B65D 11/186 takes precedence)}	15/22	. {of polygonal cross-section}
11/1853	. . . {and one or more side walls being foldable along a median line}	15/24	. {Connections between walls}
11/186	. . {whereby all side walls are hingedly connected to the base panel and to each other to allow automatic collapsing and reerecting, e.g. by means of folds provided in the side walls and or in the base panel}	17/00	Rigid or semi-rigid containers specially constructed to be opened by cutting or piercing, or by tearing of frangible members or portions (containers made of paper B65D 3/00, B65D 5/00;) frangible inner closure members associated with caps, lids or covers B65D 51/20)
11/1866	. . {with detachable components (B65D 11/1893 takes precedence)}	17/02	. {of curved cross-section, e.g. cans of circular or elliptical cross-section}
11/1873	. . . {all walls are detached from each other to collapse the container}	17/04	. {of polygonal cross-section}
11/188	. . . {the container being formed by two mating halves}	17/06	. {Integral, or permanently secured, end or side closures}
11/1886	. . . . {the two mating halves being U-shaped and connected to each other after a rotation of 90 degrees}	17/08	. . {Closures secured by folding or rolling and pressing}
11/1893	. . {with semidetachable components, i.e. with some side walls hinged to each other or to a base panel and the other side walls being detachable to allow collapsing of the container}	17/10	. . . {with interposed packing rings}
11/20	. {Details of walls made of plastics material}	17/12	. . {Closures secured by soldering, welding, or otherwise uniting opposed surfaces}
11/22	. . {Reinforcing for strengthening parts of members}	17/14	. . . {by cold or hot pressing of plastic sealing material}
11/24	. . . {Corrugations}	17/28	. at lines or points of weakness
11/26	. . . {Local reinforcements, e.g. adjacent to closures}		WARNINGS
11/28	. . . {Metal reinforcements, e.g. metal frames}		1. Group B65D 17/28 is impacted by reclassification into groups B65D 17/30, B65D 17/32, B65D 17/34, B65D 17/347, B65D 17/353, B65D 17/36, B65D 17/38, B65D 17/40, B65D 17/42, B65D 17/44, B65D 17/46, B65D 17/48, and B65D 17/52 .
13/00	Containers having bodies formed by interconnecting two or more rigid, or substantially rigid, components made wholly or mainly of the same material, other than metal, plastics, wood, or substitutes therefor (pallets B65D 19/00)		All groups listed in this Warning should be considered in order to perform a complete search.
13/02	. of glass, pottery, or other ceramic material		2. Groups B65D 17/30 – B65D 17/40 are incomplete pending reclassification of documents from group B65D 17/28 .
13/04	. {of paper (by winding, bending, or folding paper B65D 3/00, B65D 5/00)}		Groups B65D 17/30 – B65D 17/40 and B65D 17/28 should be considered in order to perform a complete search.
15/00	{Containers having bodies formed by interconnecting or uniting two or more rigid, or substantially rigid, sections made of different materials (specially constructed to be opened by cutting, piercing, or tearing, of wall portions B65D 17/00; pallets B65D 19/00)}	17/30	. . using cutting devices
15/02	. {of curved, or partially curved, cross-section, e.g. cans, drums}	17/32	. . having non-detachable members or portions
15/04	. . {with curved, or partially curved, walls made by winding or bending paper}	17/34	. . Arrangement or construction of pull or lift tabs (B65D 17/32 takes precedence)
15/06	. . . {with end walls made of metal}	17/347	. . . characterised by the connection between the tab and a detachable member or portion of the container
15/08	. . . {with end walls made of plastics material}	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

- 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-adjointing 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 frangible 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.

- 17/505 . . . {applied to the external and internal 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.

- 17/52 . . Attachment of opening tools, e.g. slotted keys, to containers
- WARNING**
- Group [B65D 17/52](#) is incomplete pending reclassification of documents from group [B65D 17/28](#).
- Groups [B65D 17/52](#) and [B65D 17/28](#) should be considered in order to perform a complete search.
- 17/521 . . {Attached can-cutting devices}
- 17/523 . . {Attachments of slotted keys to preserving cans or tins}
- 19/00 Pallets or like platforms, with or without side walls, for supporting loads to be lifted or lowered (in devices for lifting or lowering bulky or heavy goods for loading or unloading purposes [B66F 9/12](#))**
- 19/0002 . . {Platforms, i.e. load supporting devices without provision for handling by a forklift}
- 19/0004 . . {Rigid pallets without side walls}
- 19/0006 . . {the load supporting surface being made of a single element}
- 19/0008 . . . {forming a continuous plane contact surface}
- 19/001 . . . {the base surface being made of a single element}
- 19/0012 {forming a continuous plane contact surface}
- 19/0014 {forming discontinuous or non-planar contact surfaces}
- 19/0016 {and each contact surface having a stringer-like shape}
- 19/0018 {and each contact surface having a discrete foot-like shape}
- 19/002 {the base surface being made of more than one element}
- 19/0022 {forming a continuous plane contact surface}
- 19/0024 {forming discontinuous or non-planar contact surfaces}
- 19/0026 {and each contact surface having a stringer-like shape}
- 19/0028 {and each contact surface having a discrete foot-like shape}
- 19/003 . . . {forming discontinuous or non-planar contact surfaces}
- 19/0032 {the base surface being made of a single element}
- 19/0034 {forming a continuous plane contact surface}
- 19/0036 {forming discontinuous or non-planar contact surfaces}
- 19/0038 {and each contact surface having a stringer-like shape}
- 19/004 {and each contact surface having a discrete foot-like shape}
- 19/0042 {the base surface being made of more than one element}
- 19/0044 {forming a continuous plane contact surface}
- 19/0046 {forming discontinuous or non-planar contact surfaces}
- 19/0048 {and each contact surface having a stringer-like shape}
- 19/0051 {and each contact surface having a discrete foot-like shape}
- 19/0053 . . {the load supporting surface being made of more than one element}
- 19/0055 . . . {forming a continuous plane contact surface}
- 19/0057 {the base surface being made of a single element}
- 19/0059 {forming a continuous plane contact surface}
- 19/0061 {forming discontinuous or non-planar contact surfaces}
- 19/0063 {and each contact surface having a stringer-like shape}
- 19/0065 {and each contact surface having a discrete foot-like shape}
- 19/0067 {the base surface being made of more than one element}
- 19/0069 {forming a continuous plane contact surface}
- 19/0071 {forming discontinuous or non-planar contact surfaces}
- 19/0073 {and each contact surface having a stringer-like shape}
- 19/0075 {and each contact surface having a discrete foot-like shape}
- 19/0077 . . . {forming discontinuous or non-planar contact surfaces}
- 19/0079 {the base surface being made of a single element}
- 19/0081 {forming a continuous plane contact surface}
- 19/0083 {forming discontinuous or non-planar contact surfaces}
- 19/0085 {each contact surface having a stringer-like shape}
- 19/0087 {each contact surface having a discrete foot-like shape}
- 19/0089 {the base surface being made of more than one element}
- 19/0091 {forming a continuous plane contact surface}
- 19/0093 {forming discontinuous or non-planar contact surfaces}
- 19/0095 {and each contact surface having a stringer-like shape}
- 19/0097 {and each contact surface having a discrete foot-like shape}
- 19/02 . . Rigid pallets with side walls, e.g. box pallets
- 19/04 . . with bodies moulded or otherwise fabricated in one piece
- 19/06 . . with bodies formed by uniting or interconnecting two or more components
- 19/08 . . . made wholly or mainly of metal
- 19/10 of skeleton construction, e.g. made of wire
- 19/12 Collapsible pallets
- 19/14 . . . made wholly or mainly of wood
- 19/16 Collapsible pallets
- 19/18 . . . made wholly or mainly of plastics material
- 19/20 . . . made wholly or mainly of paper
- 19/36 . . Pallets comprising a flexible load carrier extending between guide elements, e.g. guide tubes
- 19/38 . . Details or accessories
- 19/385 . . {Frames, corner posts or pallet converters, e.g. for facilitating stacking of charged pallets}

- 19/40 . . Elements for spacing platforms from supporting surface
- 19/42 . . . Arrangements or applications of rollers or wheels
- 19/44 . . Elements or devices for locating articles on platforms
- 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](#) take 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](#) take 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 displaceable 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}

- 21/086 . . {Collapsible or telescopic containers
([B65D 1/0292](#) and [B65D 21/068](#) take
precedence)}

**Details of rigid or semi-rigid containers not otherwise provided
for (for pallets [B65D 19/38](#); of large containers [B65D 90/00](#))**

**23/00 Details of bottles or jars not otherwise provided for
(closure-securing elements [B65D 45/00](#))**

- 23/001 . {Supporting means fixed to the container}
23/003 . {Suspension means}
23/005 . . {in the form of a label hanger}
23/006 . {Means for indicating refilling of the container}
23/008 . . {by means of a label, e.g. tearable, light
sensitive}
23/02 . Linings or internal coatings
23/04 . Means for mixing or for promoting flow of contents
(hydro-dynamic means for influencing the flow of
liquids [F15D](#))
23/06 . Integral drip catchers or drip-preventing means
23/065 . . {Loose or loosely-attached drip catchers or drip
preventing means}
23/08 . Coverings or external coatings ([wrappers](#)
[B65D 65/00](#))
23/0807 . . {Coatings}
23/0814 . . . {characterised by the composition of the
material}
23/0821 {consisting mainly of polymeric materials
([B65D 23/0828](#) takes precedence)}
23/0828 {consisting mainly of paints or lacquers}
23/0835 {consisting mainly of metallic compounds}
23/0842 . . {Sheets or tubes applied around the bottle with or
without subsequent folding operations}
23/085 . . . {and glued or otherwise sealed to the bottle
([B65D 23/0857](#), [B65D 23/0864](#), [B65D 23/0871](#)
take precedence)}
23/0857 . . . {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)}
23/0864 . . . {Applied in mould}
23/0871 . . . {Stretched over the bottle ([B65D 23/0892](#) takes
precedence)}
23/0878 . . . {Shrunk on the bottle}
23/0885 . . {Rigid shells for receiving the bottle or part of
it ([B65D 23/0842](#), [B65D 81/3876](#), [B65D 85/302](#)
take precedence)}
23/0892 . . {Net-like covers}
23/10 . Handles
23/102 . . {Gripping means formed in the walls, e.g.
roughening, cavities, projections}
23/104 . . {Handles formed separately}
23/106 . . . {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}
23/108 . . . {Bail handles, i.e. pivoted handles of generally
semi-circular or loop shape}
23/12 . Means for the attachment of smaller articles
23/14 . . of tags {, labels, cards, coupons, decorations or
the like ([B65D 23/008](#) takes precedence)}
23/16 . . of thermometers (feeding bottles with
thermometers [A61J 9/02](#))

**25/00 Details of other kinds or types of rigid or semi-
rigid containers**

- 25/005 . {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)}
- 25/02 . Internal fittings (of containers made by folding or
erecting blanks made of paper [B65D 5/44](#))
- 25/04 . . Partitions
25/06 . . . adapted to be fitted in two or more alternative
positions
25/08 . . . with provisions for removing or destroying, e.g.
to facilitate mixing of contents
25/082 {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)}
25/085 {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)}
25/087 {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)}
25/10 . . Devices to locate articles in containers {(for
protecting articles from mechanical damage
[B65D 81/02](#))}
25/101 . . . {Springs, elastic lips, or other resilient elements
to locate the articles by pressure ([B65D 25/102](#),
[B65D 25/103](#) take precedence)}
25/102 . . . {Straps, bands, strings or other elongate
elements}
25/103 . . . {V-shaped elements, e.g. racks, protuberances
projecting from a supporting surface,
supporting the articles locally at its sides
([B65D 25/107](#) takes precedence)}
25/105 {and retaining it by snap-action, e.g. clips}
25/106 . . . {Elements projecting into a recess or through a
hole in the articles}
25/107 . . . {Grooves, ribs, or the like, situated on opposed
walls and between which the articles are
located}
25/108 . . . {Devices, e.g. plates, presenting apertures
through which the articles project}
25/14 . 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](#))
25/16 . . Loose, or loosely-attached, linings
25/18 . . spaced appreciably from container wall
25/20 . External fittings (of containers made by folding or
erecting blanks made of paper [B65D 5/44](#))
25/205 . . {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)}
25/22 . . for facilitating lifting or suspending of containers
25/24 . . for spacing bases of containers from supporting
surfaces, e.g. legs (for pallets [B65D 19/40](#))
25/28 . 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](#))

- 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
container}
 - 25/325 . . . {integrally 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 . . . {Swivelling 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}

31/00	{Bags or like containers made of paper and having structural provision for thickness of contents (with shock-absorbing properties B65D 81/03)}	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}
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)}	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}
31/02	. {with laminated walls}	33/1641	. . . {Staples, clips or clamps made of metal}
31/04	. {with multiple walls (B65D 81/3881 takes precedence; for shock absorbing purposes B65D 81/03)}	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}
31/06	. {with rigid end walls}	33/1658	. . {Elements for flattening or folding the mouth portion (B65D 33/30 takes precedence)}
31/08	. {with block bottoms}	33/1666	. . . {Slitted tubes with or without a core; U-shaped clips made of one piece}
31/10	. {with gusseted sides}	33/1675	. . . {Hinged clips}
31/12	. {with two or more compartments}	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}
31/14	. {Valve bags, i.e. with valves for filling}	33/1691	. . {using adhesive applied to attached closure elements}
31/142	. . {the filling port being formed by folding a flap connected to a side, e.g. block bottoms}	33/18	. . using adhesive applied to integral parts, e.g. to flaps
31/145	. . {the filling port being provided in a flat upper sealing-edge}	33/20	. . . using pressure-sensitive adhesive
31/147	. . {the filling port being provided in a side wall}	33/22	. . . using heat-activatable adhesive
31/16	. {of special shape}	33/24	. . using self-locking integral or attached closure elements, e.g. flaps (B65D 33/25 takes precedence)
31/18	. . {Triangular or conical bags}	33/243	. . . {Combination of flaps, slits, tongues or apertures, e.g. apertures serving as hand or finger holes}
33/00	Details of, or accessories for, sacks or bags	33/246	. . . {Turn-over flaps co-operating with a separate handle or suspension means}
33/001	. {Blocks, stacks or like assemblies of bags}	33/25	. . Riveting; Dovetailing; Screwing; using press buttons or slide fasteners
33/002	. {Rolls, strips or like assemblies of bags}	33/2508	. . . {using slide fasteners with interlocking members having a substantially uniform section throughout the length of the fastener; Sliders therefor}
33/004	. {Information or decoration elements, e.g. level indicators, detachable tabs or coupons}	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.	
33/005	. {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)}	33/2516	. . . . {comprising tamper-indicating means, e.g. located within the fastener (provided in the slider B65D 33/2585)}
33/01	. Ventilation or drainage of bags	33/2525	. . . . {located between the fastener and the product compartment}
33/02	. Local reinforcements or stiffening inserts, e.g. wires, strings, strips or frames (B65D 33/007 takes precedence)}	33/2533	. . . . {the slide fastener being located between the product compartment and the tamper indicating means}
33/04	. Windows or other apertures, e.g. for viewing contents ({ ventilation apertures B65D 33/01 ; windows for level indication B65D 33/004)}	33/2541	. . . . {characterised by the slide fastener, e.g. adapted to interlock with a sheet between the interlocking members having sections of particular shape}
33/06	. Handles ({ forming part of the closing arrangement B65D 33/16)}	33/255	. . . . {being provided with special visual, audible or tactile indicating means, e.g. indicating proper engagement (B65D 33/2516 takes precedence)}
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 31/14 ; 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)}		

33/2558	. . . . . {the slide fastener having a non-constant section throughout the length of the fastener, e.g. slightly undulated interlocking members or castellated stringers}	35/04	. . . made in one piece
33/2566	. . . . . {using two or more independently operable slide fasteners}	35/06	. . . from metallic material
33/2575	. . . . . {the slide fastener providing access to the bag through a bag wall, e.g. intended to be cut open by the consumer}	35/08	. . . from plastics material
33/2583	. . . . . {the slide fastener being attached to one wall only}	35/10	. . . made by uniting or interconnecting two or more components
33/2584	. . . . . {characterized by the slider}	35/12	. . . Connections between body and closure-receiving bush
33/2585	. . . . . {being provided with tamper-indicating means}	35/14	. . . with linings or inserts
33/2586	. . . . . {being provided with a separating plow}	35/16	. . . for minimising or preventing corrosion of body
33/25865	. . . . . {reaching between the interlocking fastener profiles}	35/18	. . . for keeping body in rolled state after partial expulsion of contents
33/2587	. . . . . {the slider being made out of a plurality of pieces}	35/20	. . . for retracting contents
33/2588	. . . . . {being provided with flexing or moving parts}	35/22	. . . with two or more compartments
33/2589	. . . . . {Bag or slide fastener details cooperating with the slider, e.g. details for removing or installing the slider}	35/24	. . . with auxiliary devices (linings or inserts B65D 35/14)
33/259	. . . . . {End stops}	35/242	. . . {for mixing or discharging of two or more components}
33/2591	. . . {using slide fasteners with interlocking members having a substantially uniform section throughout the length of the fastener and operated with a slider}	35/245	. . . {Suspension means integral with, or attached to the container (B65D 51/242 takes precedence)}
(Frozen)		35/247	. . . {the tubular container being provided on its internal surfaces with press buttons or the like for maintaining the container in compressed state}
WARNING		35/26	. . . for filling
Group B65D 33/2591 is no longer used for the classification of documents as of February 1, 2020.		35/28	. . . for expelling contents
The content of this group is being reclassified into groups B65D 33/2508 - B65D 33/259 .		35/285	. . . {Co-operating squeezing supporting rollers}
All groups listed in this Warning should be considered in order to perform a complete search.		35/30	. . . Pistons
33/26	. . . using staples or stitches {(B65D 33/1641 takes precedence)}	35/32	. . . Winding keys
33/28	. . . Strings or strip-like closures {, i.e. draw closures}	35/34	. . . connected to, or associated with, tube holders
33/30	. . . Deformable or resilient metal or like strips or bands {(B65D 33/1616 takes precedence)}	35/36	. . . for applying contents to surfaces (brushes combined or associated with tubular containers A46B 11/00)
33/32	. . . Metallic chain closures	35/38	. . . Nozzles
33/34	. . . with special means for indicating unauthorised opening {(B65D 33/2516 , B65D 33/2585 take precedence)}	35/40	. . . for metering discharge
WARNING		35/42	. . . for preventing loss of removable closure members
Group B65D 33/34 is impacted by reclassification into group B65D 33/2585 .		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)
Groups B65D 33/34 and B65D 33/2585 should be considered in order to perform a complete search.		35/46	. . . with valves (bureau accessories for applying liquids, e.g. adhesive, B43M 11/00)
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	35/56	. . . Holders for collapsible tubes {(B65D 51/249 takes precedence)}
35/02	. . . Body construction	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

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 . . {Bung-rings and bungs for bung-holes}

39/084 . . . {Separated bung-rings made by one element}

39/086	. . . {Separated bung-rings made by several elements}
39/088	. . . {Bungs with special means facilitating handling thereof}
39/10	. . with bayonet cams
39/12	. expandible, 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 41/0457 takes precedence)}
41/045	. . . . . {Disks (B65D 41/0457 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}

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

41/54	. . Caps or cap-like covers made of shrinkable material or formed <u>in situ</u> by dipping, e.g. using gelatine or celluloid	43/0243	. . . . . {leaving friction on both the inside and the outside after removal of the tamper element}
41/545	. . . {with integral internal sealing means}	43/0245	. . . . . {leaving only an inside friction after removal of the tamper element}
41/56	. . Caps or cap-like covers serving as, or incorporating, drinking or measuring vessels	43/0247	. . . . . {leaving only an outside friction after removal of the tamper element}
41/565	. . . {with integral internal sealing means}	43/0249	. . . . . {on both the inside and the outside of the mouth of the container (B65D 43/0239 takes precedence)}
41/58	. . Caps or cap-like covers combined with stoppers	43/0252	. . . . . {leaving only an inside snap after removal of the tamper element}
41/60	. . . Deformable caps combined with resilient stoppers to permit re-use as temporary closures	43/0254	. . . . . {only on the inside, or a part turned to the inside, of the mouth of the container (B65D 43/0239 takes precedence)}
41/62	. Secondary protective cap-like outer covers for closure members	43/0256	. . . . . {only on the outside, or a part turned to the outside, of the mouth of the container (B65D 43/0239 takes precedence)}
43/00	Lids or covers for rigid or semi-rigid containers (for cooking vessels A47J 36/06 ; covers for pressure vessels in general F16J 13/00)	43/0258	. . . . . {leaving friction on both the inside and the outside after removal of the tamper element}
43/02	. Removable lids or covers (with means for piercing, cutting, or tearing a frangible inner closure B65D 51/22)	43/026	. . . . . {leaving only an inside friction after removal of the tamper element}
43/0202	. . {without integral tamper element}	43/0262	. . . . . {leaving only an outside friction after removal of the tamper element}
43/0204	. . . {secured by snapping over beads or projections}	43/0264	. . . {secured only by friction or gravity before removal of the tamper element (B65D 43/0237 takes precedence)}
43/0206	. . . . {inside a peripheral U-shaped channel in the mouth of the container}	43/0266	. . . . . {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)}	43/0268	. . . . . {on both the inside and the outside of the mouth of the container (B65D 43/0266 takes precedence)}
43/021	. . . . {only on the inside, or a part turned to the inside, of the mouth (B65D 43/0206 takes precedence)}	43/027	. . . . . {leaving only an inside friction after removal of the tamper element}
43/0212	. . . . {only on the outside, or a part turned to the outside, of the mouth (B65D 43/0206 takes precedence)}	43/0272	. . . . . {only on the inside, or a part turned to the inside, of the mouth of the container (B65D 43/0266 takes precedence)}
43/0214	. . . {secured only by friction or gravity (B65D 43/0204 takes precedence)}	43/0274	. . . . . {only on the outside, or a part turned to the outside, of the mouth of the container (B65D 43/0266 takes precedence)}
43/0216	. . . . {inside a peripheral U-shaped channel in the mouth of the container}	43/0277	. . . {secured by rotation before removal of the tamper element}
43/0218	. . . . {on both the inside and the outside of the mouth of the container (B65D 43/0216 takes precedence)}	43/0279	. . . . . {inside a peripheral U-shaped channel in the mouth of the container}
43/022	. . . . {only on the inside, or a part turned to the inside, of the mouth of the container (B65D 43/0216 takes precedence)}	43/0281	. . . . . {only on the inside, or a part turned to the inside, of the mouth of the container (B65D 43/0279 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)}	43/0283	. . . . . {only on the outside, or a part turned to the outside, of the mouth of the container (B65D 43/0279 takes precedence)}
43/0225	. . . {secured by rotation}	43/0285	. . . {secured by rolling or other plastic deformation before removal of the tamper element}
43/0227	. . . . {inside a peripheral U-shaped channel in the mouth of the container}	43/0287	. . . . . {only on the outside, or a part turned to the outside, of 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)}	43/0289	. . . . . {leaving only an inside snap after removal of the tamper element}
43/0231	. . . . {only on the outside, or a part turned to the outside, of the mouth of the container (B65D 43/0227 takes precedence)}	43/0291	. . . . . {leaving only an outside snap after removal of the tamper element}
43/0233	. . . {secured by rolling or other plastic deformation}	43/0293	. . . . . {leaving friction on both the inside and the outside after removal of the tamper element}
43/0235	. . {with integral tamper element}	43/0295	. . . . . {leaving only an inside friction after removal of the 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}		

- 43/0297 {leaving only an outside friction after removal of the tamper element}
- 43/06 . . having a peripheral channel embracing the rim of the container
- 43/065 . . . {the peripheral channel having an inverted U-shape}
- 43/08 . . having a peripheral flange fitting over the rim of the container {(not in use, covered by [B65D 43/0222](#) and [B65D 43/0274](#) + [B65D 2543/00](#) codes)}
- 43/12 . . guided for removal by sliding
- 43/14 . Non-removable lids or covers
- 43/16 . . hinged for upward or downward movement ({cigar or cigarette receptacles [A24F 15/00](#); suitcases, étuis [A45C](#); casings for cosmetic substances with hinged covers [A45D 40/22](#); toolboxes [B25H 3/02](#); } hinges of door or similar type [E05D](#) {; boxes for switchboards with hinged covers [H02B 1/066](#)})
- 43/161 . . . {comprising two or more cover sections hinged one to another}
- 43/162 . . . {the container, the lid and the hinge being made of one piece ([B65D 43/161](#) takes precedence)}
- 43/163 . . . {the container and the lid being made separately ([B65D 43/161](#) takes precedence)}
- 43/164 {and connected by interfitting hinge elements integrally with the container and the lid formed respectively}
- 43/165 {these elements being assembled by a separate pin-like member}
- 43/166 {and connected by separate interfitting hinge elements fixed to the container and the lid respectively}
- 43/167 {these elements being assembled by a separate pin-like member}
- 43/168 {and connected by one or more hinges formed by a separate, single container and a flexible, band-like element fixed to the container and the lid}
- 43/169 {the lid, the hinge and the element connecting them to the container being made of one piece}
- 43/18 . . pivoted for movement in plane of container mouth
- 43/20 . . linearly slidable
- 43/22 . . Devices for holding in closed position, e.g. clips
- 43/24 . . Devices for retaining in open position {(holding lids in open position in general [E05C 17/00](#); hinges with means for holding open [E05D 11/10](#))}
- 43/26 . Mechanisms for opening or closing, e.g. pedal-operated {(for refuse receptacles [B65F 1/1623](#))}
- 43/262 . . {pedal-operated}
- 43/265 . . {consisting of levers pivoting perpendicularly to container axis, e.g. butterfly levers}
- 43/267 . . {consisting of levers pivoting radially to container axis}
- 45/00** **Clamping or other pressure-applying devices for securing or retaining closure members** (screw-threaded or bayonet connections between stoppers or caps and containers [B65D 39/08](#), [B65D 41/04](#), [B65D 41/34](#); expansible stoppers [B65D 39/12](#); for pressure vessels in general [F16J 13/00](#))
- 45/02 . for applying axial pressure to engage closure with sealing surface
- 45/025 . . {Closure members opened by lever action and maintained closed by spring action ([B65D 45/04](#) takes precedence)}
- 45/04 . . comprising U-shaped or bifurcated members coacting with containers {these members remaining connected with the closure and with the container when the container is open}, e.g. pivoted bails
- 45/06 . . . associated with toggle levers, e.g. swing stopper arrangements
- 45/08 . . . incorporating springs
- 45/10 . . . incorporating tightening screws
- 45/12 . . . associated with locking levers engaging rack teeth for varying the applied pressure
- 45/14 . . . coacting with inclined grooves in container wall for varying the applied pressure
- 45/16 . . Clips, hooks, or clamps {which are removable, or which remain connected either with the closure or with the container when the container is open}, e.g. C-shaped ([U-shaped or bifurcated members B65D 45/04](#))
- 45/18 . . . of snap-over type
- 45/20 . . . pivoted
- 45/22 resilient
- 45/24 incorporating pressure-applying means, e.g. screws or toggles
- 45/26 incorporating tensioning chains
- 45/28 . . Elongated members, e.g. leaf springs, located substantially at right angles to closure axis and acting between the face of the closure and abutments on container
- 45/30 . . Annular members, e.g. with snap-over action or screw-threaded {([B65D 45/32](#) takes precedence)}
- 45/305 . . . {Screw-threaded or bayonet-type annular members cooperating with an intermediate ring ([B65D 41/08](#), [B65D 51/14](#) takes precedence)}
- 45/32 . for applying radial {or radial and axial} pressure, e.g. contractible bands encircling closure member
- 45/322 . . {the clamping device being an annular member moved axially to clamp the closure by using radial pressure ([B65D 55/0863](#), [B65D 55/0872](#) take precedence)}
- 45/325 . . . {the annular member being screw-threaded or bayonet-type ([B65D 51/14](#) takes precedence)}
- 45/327 . . . {the annular member applying radial pressure against the inner surface of the container wall ([B65D 55/0863](#), [B65D 55/0872](#) take precedence)}
- 45/34 . . lever-operated
- 45/345 . . . {Lever-operated contractible or expansible band, the lever moving in the plane of the band}
- 47/00** **Closures with filling and discharging, or with discharging, devices** (dispensers for liquid soap [A47K 5/12](#); desk equipment for applying liquid by contact with surfaces [B43M 11/00](#); fluid delivery valves in general [F16K 21/00](#))
- 47/02 . for initially filling and for preventing subsequent refilling
- 47/04 . Closures with discharging devices other than pumps
- 47/043 . . {with pouring baffles, e.g. for controlling the flow}

- 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 pivotable 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}
- 47/08 . . . having articulated or hinged closures ([B65D 55/16](#) takes precedence)}
- 47/0804 {integrally 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; Droppers ([droppers 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 taps 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}

- 47/2075 {in which the stem is raised by the pressure of the contents and thereby opening the valve}
- 47/2081 {in which the deformation raises or lowers the valve port}
- 47/2087 {the port being formed by a slidable rigid cap-like element which is moved linearly by the pressure of the contents}
- 47/2093 {slide valve type (slide valves not opened by deformation [B65D 47/26](#))}
- 47/24 . . . with poppet valves {or lift valves, i.e. valves opening or closing a passageway by a relative motion substantially perpendicular to the plane of the seat}
- 47/241 {the valve being opened or closed by actuating a cap-like element}
- 47/242 {moving helically}
- 47/243 {moving linearly, i.e. without rotational motion}
- 47/244 {being rotated without axial translation, whilst transmitting axial motion to an internal valve stem or valve seat}
- 47/245 {the valve being opened or closed by actuating a stopper-type element}
- 47/246 {moving helically, e.g. screw tap}
- 47/247 {moving linearly, i.e. without rotational motion}
- 47/248 {the valve being opened or closed by imparting a motion to the valve stem ([B65D 47/244](#), [B65D 47/245](#) take precedence)}
- 47/249 {by means of a lever mechanism}
- 47/26 . . . with slide valves {, i.e. valves that open and close a passageway by sliding over a port}, e.g. formed with slidable spouts
- 47/261 {having a rotational or helicoidal movement ([B65D 47/30](#) takes precedence)}
- 47/263 {between tubular parts}
- 47/265 {between planar parts ([B65D 47/24](#) takes precedence)}
- 47/266 {the rotational movement being transmitted by displacement of an additional external element, e.g. overcap ([B65D 47/265](#) takes precedence)}
- 47/268 {the valve member pivoting about an axis perpendicular to the container mouth axis ([B65D 47/266](#) takes precedence)}
- 47/28 having linear movement
- 47/283 {between tubular parts}
- 47/286 {between planar parts}
- 47/30 . . . with plug valves {, i.e. valves that open and close a passageway by turning a cylindrical or conical plug without axial passageways}
- 47/305 {provided with a spout, e.g. "escargot"-type valve}
- 47/32 . . . with means for venting
- 47/36 . . . Closures with frangible parts adapted to be pierced, torn, or removed, to provide discharge openings ([B65D 51/18](#) takes precedence; caps with piercable membranes [B65D 41/20](#), [B65D 41/50](#))
- 47/38 . . . with piercing means arranged to act subsequently as a valve to control the opening
- 47/40 . . . with drip catchers or drip-preventing means
- 47/42 . . . with pads or like contents-applying means ({contents-applying means associated to aerosol container nozzles [B65D 83/285](#); } brushes combined or associated with containers [A46B 11/00](#); swabs for applying media to the human body from an integral supply [A61F13/40](#))
- 47/44 . . . combined with slits opening when container is deformed or when pad is pressed against surface to which contents are to be applied (pliable tubular containers with valves opening when closure is pressed against surfaces ([B65D 47/2018](#)))
- 49/00 Arrangements or devices for preventing refilling of containers** (integral, or permanently secured, closures for containers specially adapted to be opened by cutting, piercing, or tearing of wall portions [B65D 17/00](#); for initial filling and for preventing subsequent refilling [B65D 47/02](#))
 - 49/02 . One-way valves
 - 49/04 . . . Weighted valves
 - 49/06 . . . with additional loading weights
 - 49/08 . . . Spring-loaded valves
 - 49/10 . . . Arrangements of several valves
 - 49/12 . . . by destroying, in the act of opening the container, an integral portion thereof
- 50/00 Closures with means for discouraging unauthorised opening or removal thereof, with or without indicating means, e.g. child-proof closures** (tamper-indicating closures without means for discouraging, see the relevant groups, e.g. [B65D 41/32](#), [B65D 51/20](#))
 - 50/02 . . . openable or removable by the combination of plural actions
 - 50/04 . . . requiring the combination of simultaneous actions, e.g. depressing and turning, lifting and turning, maintaining a part and turning another one ({[B65D 55/02](#)} takes precedence; caps or covers secured by rotation with bayonet cams [B65D 41/06](#), [B65D 41/36](#))
 - 50/041 . . . {the closure comprising nested inner and outer caps or an inner cap and an outer coaxial annular member, which can be brought into engagement to enable removal by rotation}
 - 50/043 . . . {the closure comprising a screw cap whose threads are shaped to accommodate blocking elements and the closure is removed after first applying axial force to unblock it and allow it to be unscrewed}
 - 50/045 . . . {where one action elastically deforms or deflects at least part of the closure, the container or an intermediate element, e.g. a ring ([B65D 50/041](#), [B65D 50/043](#) take precedence)}
 - 50/046 {and such deformation causes the disengagement of locking means, e.g. the release of a pawl-like element from a tooth or abutment, to allow removal of the closure by simultaneous rotation}
 - 50/048 {and such deformation causes the engagement of means, e.g. threads, to allow removal of the closure by simultaneous rotation}
 - 50/06 . . . requiring the combination of different actions in succession

- 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 [F16J 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 51/223](#) 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}

- 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 [B65D 339/00](#), or in the groups [B65D 41/005](#), [B65D 41/0435](#)

- 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](#))}

- 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](#)); Use of seals {, e.g. destructible locking pins ([B65D 55/022](#) takes precedence)}
- 55/063 . . . {Muzzlets}
- 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 . . . Annular elements encircling container necks
- 55/0809 {Destructible filamentary elements (non-destructible elements [B65D 45/322](#))}
- 55/0818 {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}
- 55/0854 {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 . Plugs
 - 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

- 63/08 . . . Joints using buckles, wedges, or like locking members attached to the ends of the elements
- 63/10 . Non-metallic straps, tapes, or bands; Filamentary elements, e.g. strings, threads or wires; Joints between ends thereof
- 63/1009 . . {Adhesive tapes}
- 63/1018 . . {Joints produced by application of integral securing members, e.g. buckles, wedges, tongue and slot, locking head and teeth or the like}
- 63/1027 . . . {the integral securing member being formed as a female and male locking member, e.g. locking head and locking teeth, or the like}
- 63/1036 {the female locking member being provided with at least one metal barb}
- 63/1045 {the barb having a plurality of serrations}
- 63/1054 {with barbs situated on opposite sides of, or concentrically in, the female locking member}
- 63/1063 {the female locking member being provided with at least one plastic barb}
- 63/1072 {the barb having a plurality of serrations}
- 63/1081 {with barbs situated on opposite sides of, or concentrically in, the female locking member}
- 63/109 . . {Application of elastics or like elements}
- 63/12 . . Joints produced by deformation or tying of ends of elements
- 63/14 . . Joints produced by application of separate securing members
- 63/16 . . . Joints using buckles, wedges, or like locking members attached to the end of the element
- 63/18 . Elements provided with handles or other suspension means

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 packaging [B65B 17/02](#))
- 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**
- 71/0003 . {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}

- 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 more 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 7/10 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](#))}

- 73/0085 . . {within a window, hole or cut-out portion}
- 73/0092 . . . {combined with a preformed enclosure, e.g. a bulb}
- 73/02 . Articles, e.g. small electrical components, attached to webs
- 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)**
- 75/002 . {in shrink films (B65D 71/08 takes precedence)}
- 75/004 . . {with auxiliary packaging elements, e.g. protective pads or frames, trays}
- 75/006 . {in stretch films}
- 75/008 . {Standing pouches, i.e. "Standbeutel"}
- 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
- 75/08 . . . 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 27/00)}

- 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](#) take 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](#), [B42F](#); 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}
- 77/0413 . . {the inner and outer containers being rigid or
semi-rigid and the outer container being of
polygonal cross-section formed by folding or
erecting one or more blanks, e.g. carton}
- 77/042 . . . {the inner container being of polygonal cross-
section formed by folding or erecting one or
more blanks, e.g. carton}
- 77/0426 . . . {the inner container being a bottle, canister or
like hollow container}
- 77/0433 . . . {the inner container being a tray or like shallow
container, not formed by folding or erecting
one or more blanks ([B65D 81/3862](#) takes
precedence)}
- 77/044 . . . {the inner container being a filled deformable
tube}
- 77/0446 . . {the inner and outer containers being rigid or
semi-rigid and the outer container being of
polygonal cross-section not formed by folding or
erecting one or more blanks ([B65D 81/3825](#) takes
precedence)}
- 77/0453 . . . {the inner container having a polygonal cross-
section}
- 77/046 {and being a tray or like shallow container}
- 77/0466 {the containers being mounted on a pallet}
- 77/0473 . . . {the inner container being a filled deformable
tube}
- 77/048 . . {the inner and outer containers being rigid and the
outer container being of curved cross-section, e.g.
cylindrical ([B65D 81/3825](#) takes precedence)}
- 77/0486 . . . {the inner container being coaxially disposed
within the outer container ([B65D 81/3876](#) takes
precedence)}
- 77/0493 {and retained at a distance of the inner side-
wall of the outer container, e.g. within a
bottle neck}
- 77/06 . . Liquids or semi-liquids {or other materials or
articles} enclosed in flexible containers disposed
within rigid containers
- 77/061 . . . {the containers being mounted on a pallet}
- 77/062 . . . {Flexible containers disposed within polygonal
containers formed by folding a carton blank}
- 77/064 {comprising discharging means formed by
cutting a part, e.g. a corner, of the flexible
container}
- 77/065 {Spouts, pouring necks or discharging
tubes fixed to or integral with the flexible
container}
- 77/067 {combined with a valve, a tap or a piercer}
- 77/068 {Spouts formed separately from the
container}
- 77/08 . Materials, e.g. different materials, enclosed in
separate compartments formed during filling of a
single container
- 77/10 . Container closures formed after filling
- 77/12 . . by collapsing and flattening the mouth portion
of the container and securing without folding,
e.g. by pressure-sensitive adhesive, heat-sealing,
welding or applying separate securing members
- 77/14 . . by flattening and subsequently folding or rolling
the mouth portion
- 77/16 . . by collapsing and twisting mouth portion
- 77/18 . . . and securing by a deformable clip or binder
- 77/185 {with means for discouraging or for
indicating unauthorised opening or removal}

- 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**
Group [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, or materials presenting particular transport, storage, or dispensing problems**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 5/50](#); 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 [F25D](#))
- 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)}
- 81/203 {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 at 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 repellants (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 83/0055](#))}
- 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 repellants

- 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 5/4258](#); 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 [F24H 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}

- 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](#) take 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. blisters, 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}

- 83/06 {comprising a cantilevered actuator element, e.g. a lever pivoting about a living hinge}
- 83/08 {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)}
- 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 19/065; marking-out on finished paving by spraying from aerosol containers E01C 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}

- 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 [B01F](#))}
- 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}

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 33/06 ; 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)	85/1054	. . . . . {combined with an outer sleeve connected to the lid}
	NOTE		WARNING
	Attention is drawn to Note (5) following the title of this subclass.		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.
85/02	. 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	. . rod-shaped or tubular		
85/10	. . . for cigarettes	85/10564	. . . . . {having means for holding the lid in a closed position}
85/1009	. . . . {provided with proffering means (B65D 85/1054 takes precedence)}	85/10566	. . . . . {having means for holding the lid in an open position}
85/1018	. . . . {Container formed by a flexible material, i.e. soft-packages}	85/10568	. . . . . {opening of the lid opens simultaneously an inner package within the container}
85/1027	. . . . . {Opening devices}		
85/1036	. . . . {Containers formed by erecting a rigid or semi-rigid blank}	85/1063	. . . . . {so as to form two cigarette-compartments interconnected by a hinge-portion}
85/1045	. . . . . {having a cap-like lid hinged to an edge}	85/1072	. . . . . {Bundle of cigarette packs}
	WARNING	85/1081	. . . . . {Inserts or accessories added or joined to the container, e.g. coins, pens, cards, spacers (B65D 85/1009 takes precedence)}
	Group B65D 85/1045 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.	85/109	. . . . . {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 61/06)}
85/1048	. . . . . {characterized by the shape of the container}	85/187	. . {for footwear}
	WARNING	85/20	. for incompressible or rigid rod-shaped or tubular articles
	Groups B65D 85/1048 and B65D 85/10484 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.	85/22	. . 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}
85/10484	. . . . . {having rounded corners}	85/322	. . . {Trays made of pressed material, e.g. paper pulp}

- 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 packages [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.

85/8058 {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.

85/8061 {Filters}

WARNING

Group [B65D 85/8061](#) is incomplete pending reclassification of documents from groups [B65D 85/8043](#) and [B65D 85/8046](#).

Groups [B65D 85/8043](#), [B65D 85/8046](#), and [B65D 85/8061](#) should be considered in order to perform a complete search.

85/8064 {Sealing means for the interface with the processing machine}

WARNING

Group [B65D 85/8064](#) is incomplete pending reclassification of documents from groups [B65D 85/8043](#) and [B65D 85/8046](#).

Groups [B65D 85/8043](#), [B65D 85/8046](#), and [B65D 85/8064](#) should be considered in order to perform a complete search.

85/8067 {Packages for several ingredients}

WARNING

Group [B65D 85/8067](#) is incomplete pending reclassification of documents from groups [B65D 85/8043](#) and [B65D 85/8046](#).

Groups [B65D 85/8043](#), [B65D 85/8046](#), and [B65D 85/8067](#) should be considered in order to perform a complete search.

85/808 . . . for immersion in the liquid {to release part or all of their contents}, e.g. tea bags

85/8085 {characterised by an outer package, e.g. wrappers or boxes for enclosing tea-bags}

85/812 with features facilitating their {manipulation or} suspension {([B65D 85/8085](#) takes precedence)}

85/816 . . . into which liquid is added {and the resulting preparation is retained}, e.g. cups preloaded with powder or dehydrated food

85/82 . . for poisons

85/84 . . for corrosive chemicals

88/005 . {of variable capacity, e.g. with movable or adjustable walls or wall parts, modular}

88/02 . 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](#)})

88/022 . . {in multiple arrangement, e.g. stackable, nestable, connected or joined together side-by-side}

88/025 . . . {Nestable containers or nestable container parts forming a receptacle when one part is inverted upon the other}

88/027 . . . {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)}88/04 . . spherical ([B65D 88/12](#) takes precedence)88/06 . . cylindrical ([B65D 88/12](#) takes precedence)

88/08 . . . with a vertical axis

88/10 . . parallelepipedic ([B65D 88/12](#) takes precedence)88/12 . . specially adapted for transport (associated with vehicles, see the relevant subclasses of [B60](#) - [B64](#))

88/121 . . . {ISO containers}

88/122 . . . {with access from above}

88/123 {open top}

88/124 {closable top}

88/125 {by flexible element, e.g. canvas}

88/126 {by rigid element, e.g. lid}

88/127 . . . {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)}

88/128 . . . {tank containers, i.e. containers provided with supporting devices for handling}

88/129 . . . {Transporter frames for containers}

88/14 . . . by air

88/16 . flexible ([B65D 88/34](#) - [B65D 88/78](#) take precedence; hoppers [B65D 88/26](#))88/1606 . . {double-walled or with linings ([B65D 88/1612](#) takes precedence; linings for container walls in general [B65D 90/04](#))}

88/1612 . . {Flexible intermediate bulk containers [FIBC]}

88/1618 . . . {double-walled or with linings}

88/1625 {with stiffening rigid means between the walls}

88/1631 . . . {with shape keeping flexible elements}

88/1637 {cables or straps from top to bottom}

88/1643 . . . {with multiple compartments}

88/165 . . . {with electrically conductive properties}

88/1656 . . . {for liquids}

88/1662 . . . {surrounded by a net}

88/1668 . . . {closures for top or bottom openings}

88/1675 . . . {Lifting fittings}

88/1681 {Flexible, e.g. loops, or reinforcements therefor}

88/1687 {specially adapted for the forks of a forklift}

88/1693 {Rigid ([B65D 90/205](#) takes precedence)}88/18 . . bellows-shaped ([B65D 88/22](#) takes precedence; connection of valves to inflatable elastic bodies [B60C 29/00](#))88/20 . . with rigid end-walls ([B65D 88/18](#), [B65D 88/22](#) take precedence)**Large containers**

88/00 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 [E04H 7/00](#); gas holders of variable capacity [F17B](#); vessels for containing or storing compressed, liquefied or solidified gases [F17C](#))

- 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 to collapse the container}
- 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 \(ramps per se B65G 69/28; for ambulances A61G 3/061; for vehicles in general B60P 1/43\)](#)}
- 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](#))**
- 90/0006 . {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](#))}

- 90/02 . Wall construction (arrangements of leakage-indicating devices comprising hollow spaces within walls [B65D 90/501](#); arrangements of leakage-indicating devices comprising porous spaces or porous layers in walls [B65D 90/505](#); arrangements of leakage-indicating devices comprising electrically conductive layers in walls [B65D 90/513](#))
- WARNING**
- Group [B65D 90/02](#) is impacted by reclassification into groups [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.
- 90/021 . . {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 88/1606](#))}
- 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 90/046](#) 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 . . . Venting means (vehicle fuel tanks characterised by venting means [B60K 15/035](#))
- 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.

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. 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 90/58](#) 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

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

- 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 reuse
- 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
- 2251/01 . . . making a sound upon actuation
- 2251/02 . . . 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	Locking devices (for actuation of aerosol containers B65D 83/226 ; for lids B65D 2251/1008 , B65D 2251/1016)	2501/24	. Boxes or like containers with moulded compartments or partitions
2255/06	. Use of seals	2501/24006	. . Details relating to bottle crates
2255/20	. with coacting 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	2501/24012	. . . Materials
2275/00	Details of sheets, wrappers or bags	2501/24019	. . . . Mainly plastics
2275/02	. Sheets wrappers or bags provided with protective or puncture resistant patches, specially adapted for meat on the bone, e.g. patch bags	2501/24025	. . . . Mainly metal
2301/00	Details of blanks	2501/24031	. . . . Mainly wood
2301/10	. Blanks mutually positioned to minimise waste material upon cutting out the individual blank from a continuous or large sheet	2501/24038	. . . . Mainly a single material other than plastics, metal or wood
2301/20	. made of plastic material	2501/24044	. . . . Two or more different materials
2303/00	Orienting or positioning means for containers	2501/2405	. . . Construction
2313/00	Connecting or fastening means	2501/24057	. . . . Basket-type
2313/02	. of hook-and-loop type	2501/24063	. . . . of the walls
2313/04	. of magnetic type	2501/2407	. . . . . Apertured
2313/06	. using vacuum suction cups	2501/24076	. . . . . Grid or mesh
2313/08	. Double sided adhesive tape, e.g. for suspension of the container (B65D 2313/10 takes precedence)	2501/24082	. . . . . Plain
2313/10	. Adhesive or cohesive means for holding the contents attached to the container	2501/24089	. . . . . Height of the side walls
2401/00	Tamper-indicating means (relating to aerosol containers B65D 83/224)	2501/24095	. . . . . corresponding to the full height of the bottles
2401/05	. Tearable non-integral strips	2501/24101	. . . . . higher than the bottles
2401/10	. Tearable part of the container (B65D 2401/60 takes precedence)	2501/24108	. . . . . corresponding to part of the height of the bottles
2401/15	. Tearable part of the closure (B65D 2401/60 takes precedence)	2501/24114	. . . . . Walls of varying height
2401/20	. . Frangible elements completely enclosed in closure skirt (tear-off strips B65D 2401/25)	2501/24121	. . . . . of the bottom
2401/25	. . Non-metallic tear-off strips	2501/24127	. . . . . Apertured
2401/30	. . Tamper-ring remaining connected to closure after initial removal	2501/24133	. . . . . Grid, mesh
2401/35	. . Vertical or axial lines of weakness	2501/2414	. . . . . Plain
2401/40	. . Bridges having different cross-sections	2501/24146	. . . . . Connection between walls or of walls with bottom
2401/45	. Windows in external skirts for viewing tamper-element	2501/24152	. . . . . Integral (B65D 2501/24184 takes precedence)
2401/50	. Tamper-band co-operating with intermediate ring connected to the container	2501/24159	. . . . . Non-integral
2401/55	. based on a change or a contrast in colour	2501/24165	. . . . . Welded or glued
2401/60	. Tearable part both of the container and of the closure	2501/24171	. . . . . Interlocked (B65D 2501/24184 takes precedence)
2501/00	Containers having bodies formed in one piece	2501/24178	. . . . . Nailed, screwed, riveted (B65D 2501/24184 takes precedence)
2501/0009	. Bottles or similar containers with necks or like restricted apertures designed for pouring contents	2501/24184	. . . . . Collapsible
2501/0018	. . Ribs	2501/24191	. . . . . Divisible into subparts
2501/0027	. . . Hollow longitudinal ribs	2501/24197	. . . Arrangements for locating the bottles
2501/0036	. . . Hollow circumferential ribs	2501/24203	. . . . Construction of locating arrangements
2501/0045	. . . Solid ribs	2501/2421	. . . . . Partitions
2501/0054	. . Lines of weakness	2501/24216	. . . . . forming square or rectangular cells
2501/0063	. . Additional discharging means (B65D 1/06 takes precedence)	2501/24222	. . . . . forming cells having a curved shape
2501/0072	. . Means for facilitating filling of the bottle	2501/24229	. . . . . forming other polygonal shaped cells, e.g. honeycomb shaped
2501/0081	. . Bottles of non-circular cross-section	2501/24235	. . . . . Pillars
2501/009	. . Necks of non-circular cross-section	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

- 2501/24324 Means for accommodating grouped bottles, e.g. in a wrapper
- 2501/24331 Adapted for holding the bottle in an upside-down position
- 2501/24337 Means for accommodating bottles of different sizes
- 2501/24343 Position pattern
- 2501/2435 Columns and rows
- 2501/24356 Staggered
- 2501/24363 . . . Handles
- 2501/24369 Fixed, i.e. non swingable
- 2501/24375 provided on a local area of the side walls
- 2501/24382 horizontal, e.g. U-shaped
- 2501/24388 vertical, e.g. U-shaped
- 2501/24394 fixed by means of one or more collars
- 2501/24401 provided on a local area near to or at the upper edge or rim
- 2501/24407 centrally located in open container
- 2501/24414 provided vertically and fixed to the upper and lower rims or edges
- 2501/2442 provided vertically and fixed to the upper and lower rim and to the side wall
- 2501/24426 Swingable handles
- 2501/24433 provided on a local area of the side wall(s)
- 2501/24439 horizontal, e.g. U-shaped
- 2501/24445 vertical, e.g. U-shaped
- 2501/24452 fixed by means of one or more collars
- 2501/24458 provided on a local area near to or at the upper edge or rim
- 2501/24464 centrally located in open container
- 2501/24471 provided vertically and fixed to the upper and the lower edges or rims
- 2501/24477 provided vertically and fixed to the upper and the lower rim and to the side wall
- 2501/24484 with respective ends fixed to local areas of two opposite sides or wall-parts
- 2501/2449 Rope or string
- 2501/24496 Straps or slings
- 2501/24503 Wire-like
- 2501/24509 Integral handles
- 2501/24515 provided on the side wall
- 2501/24522 provided near to or at the upper edge or rim
- 2501/24528 centrally located in open container
- 2501/24535 formed in the walls, e.g. roughnings, cavities or projections
- 2501/24541 Hand holes
- 2501/24547 Telescopic
- 2501/24554 . . . Stacking means ([B65D 2501/24694 takes precedence](#))
- 2501/2456 for stacking or joining side-by-side (e.g. also containers stacked by being laid on one side)
- 2501/24566 and loosely interengaged by integral complementary shapes
- 2501/24573 and joined together by interconnecting formations forming part of the container
- 2501/24579 and joined together by bonding, adhesive or the like
- 2501/24585 for stacking or joining the crates together one upon the other, in the upright or upside-down position
- 2501/24592 Crates presenting local stacking elements protruding from the upper or lower edge of a side wall
- 2501/24598 Crates presenting a continuous stacking profile along the upper edge of at least two opposite side walls
- 2501/24605 Crates with stacking feet or corner elements
- 2501/24611 Crates with stacking ribs on the side walls
- 2501/24617 Crates with a closure presenting stacking elements
- 2501/24624 the closure presenting projecting peripheral elements receiving or surrounding the bottom or peripheral elements projecting from the bottom of a superimposed crate
- 2501/2463 the bottom presenting projecting peripheral elements receiving or surrounding the closure or peripheral elements projecting therefrom
- 2501/24636 the closure and the bottom presenting cooperating peripheral ribs and grooves
- 2501/24643 the closure and the bottom presenting local cooperating elements
- 2501/24649 Auxiliary removable stacking elements other than covers
- 2501/24656 these elements being (part of) the contents
- 2501/24662 with movable parts adapted to be placed in alternative positions for stacking the crates at different levels
- 2501/24668 Crates joined together by bonding, adhesive or the like
- 2501/24675 Crates joined together by screw-, bayonet, snap-fit or the like
- 2501/24681 for stacking or joining the crates together in a staggered configuration
- 2501/24687 . . . Nesting means ([B65D 2501/24694 takes precedence](#))
- 2501/24694 . . . Crates shaped to be nested when empty and superposed when full
- 2501/247 Identical stackable crates adapted for nesting after rotation around a vertical axis
- 2501/24707 about 180 degrees only
- 2501/24713 about 90 degrees
- 2501/24719 Identical stackable crates specially adapted for retaining the same orientation when nested
- 2501/24726 with movable parts adapted to be placed in alternative positions for nesting the containers when empty and for stacking them when full
- 2501/24732 the movable parts being attached or integral and displaceable into a position overlying the top of the crate
- 2501/24738 the movable parts being an attached or integral cover
- 2501/24745 the movable parts being supports or feet
- 2501/24751 the movable parts consisting of walls or parts thereof, i.e. deformable containers
- 2501/24757 the movable parts being (part of) the contents
- 2501/24764 . . . Reinforcements
- 2501/2477 Parts reinforced
- 2501/24777 Side walls
- 2501/24783 Bottom
- 2501/24789 Means used for reinforcing
- 2501/24796 Plain integral ribs

2501/24802	. . . . .	Hollow integral ribs	2517/0025	. . .	connected to the rivet and rotated into position, but formed separately from the tab
2501/24808	. . . . .	The wall being reinforced by making it thicker or double-walled	2517/0026	. .	Means for preventing loss of removable element
2501/24815	. . . . .	The wall being reinforced by making it corrugated	2517/0028	. . .	the element being part of the tab
2501/24821	. . . . .	Reinforcing elements made from a material different to the one of the part being reinforced	2517/0029	. . .	the element being part of the pull-out panel
2501/24828	. . . . .	Location of the reinforcing means	2517/0031	. .	Reclosable openings
2501/24834	. . . . .	Inside the crate	2517/0032	. . .	the tab reclosing the opening
2501/2484	. . . . .	Outside the crate	2517/0034	. . . .	by means of the hand grip alone, e.g. rotating hand grip into opening
2501/24847	. . . . .	Oriented mainly vertically	2517/0035	. . . .	the tab and torn out panel together closing the opening, e.g. by sliding
2501/24853	. . . . .	Oriented mainly horizontally	2517/0037	. . .	the tape being resealable
2501/24859	. . .	Covers	2517/0038	. . .	the plug being reinsertable into the opening
2501/24866	. . .	Other details	2517/004	. . .	by means of an additional element
2501/24872	. . . . .	Information, identification or detection means	2517/0041	. . . .	in the form of a cover
2501/24878	. . . . .	Labels	2517/0043	. . . .	in the form of a plug
2501/24885	. . . . .	with special means for removing the labels	2517/0044	. . . .	attached to the tear tab
2501/24891	. . . . .	Mechanical means, e.g. cams	2517/0046	. . .	Unusual reclosable openings
2501/24898	. . . . .	Matter printed directly on the crate	2517/0047	. .	Provided with additional elements other than for closing the opening
2501/24904	. . . . .	Engraved or moulded indicia	2517/0049	. . .	Straws, spouts, funnels, or other devices facilitating pouring or emptying
2501/2491	. . . . .	Transponders	2517/005	. . . .	formed as part of the tab
2501/24917	. . . .	Integral or attached bottle openers	2517/0052	. . .	Prizes, tokens, badges or other information carrying devices
2501/24923	. . . .	Bottle closures collecting means	2517/0053	. . . .	forming part of, or connected to, the tab
2501/24929	. . . .	Drainage means (B65D 2501/24127 and B65D 2501/24133 take precedence)	2517/0055	. . .	provided with a buoyancy chamber, e.g. for floating in water
2501/24936	. . . .	Means for handling (handles B65D 2501/24363)	2517/0056	. . .	Unusual elements
2501/24942	. . . .	Means for suspending or lifting (B65D 2501/24949 takes precedence)	2517/0058	. .	Other details of container end panel
2501/24949	. . . . .	Roughened bottom or side surfaces	2517/0059	. . .	General cross-sectional shape of container end panel
2501/24955	. . . .	Means for inserting or extracting the bottles	2517/0061	. . . .	U-shaped
2501/24961	. . . . .	Through a side wall	2517/0062	. . . . .	and provided with an additional U-shaped peripheral channel
2501/24968	. . . . .	Through the bottom	2517/0064	. . . .	inverted U-shaped
2501/24974	. . . . .	Bottle extracting means	2517/0065	. . . .	convex shaped end panel
2501/2498	. . . . .	Movable bottom	2517/0067	. . . .	concave shaped end panel
2501/24987	. . . .	Wheels	2517/0068	. . .	Ribs or projections in container end panel
2501/24993	. . . .	Means for indicating full or empty bottles	2517/007	. . . .	located within tear-out/push-in panel
2517/00		Containers specially constructed to be opened by cutting, piercing or tearing of wall portions, e.g. preserving cans or tins	2517/0071	. . . .	located externally of tear-out/push-in panel or preformed opening
2517/0001	. .	Details	2517/0073	. . . .	located under tab hand grip to facilitate initial lifting of the tab
2517/0002	. .	Location of opening	2517/0074	. . .	Local recess in container end panel
2517/0004	. . .	in can base, i.e. the part on which the container stands	2517/0076	. . . .	located beneath tab contact point
2517/0005	. . . .	and also in top wall	2517/0077	. . . .	located externally of tear-out/push-in panel or preformed opening
2517/0007	. . .	in a separate cover	2517/0079	. . . .	located beneath tab hand grip to facilitate initial lifting
2517/0008	. . .	in side wall	2517/008	. . .	Materials of container end panel
2517/001	. .	Action for opening container	2517/0082	. . . .	Coated or laminated metal
2517/0011	. . .	push-down tear panel	2517/0083	. . . .	Rigid plastic
2517/0013	. . .	pull-out tear panel, e.g. by means of a tear-tab	2517/0085	. . . .	Foil-like, e.g. paper or cardboard
2517/0014	. . .	pivot tab and push-down tear panel	2517/0086	. . . . .	laminated
2517/0016	. . .	pivot tab, push-down and pull-out tear panel	2517/0088	. . . . .	with plastic overmoulded onto foil
2517/0017	. . .	linearly sliding tear panel	2517/0089	. . .	Unusual details
2517/0019	. . .	Tear panel rolled about the tab	2517/0091	. .	Means for venting upon initial opening
2517/002	. . .	Unusual opening actions	2517/0092	. . .	formed as a partial score line located close to the tab connection
2517/0022	. .	Means for preventing insects from entering container	2517/0094	. . .	formed as a separate opening
2517/0023	. . .	formed as part of the tab and moved into position	2517/0095	. . .	formed as a protuberance, contiguous with the opening

2517/0097	. . .	Permeable membrane located proximate to opening region	2517/5094	. .	Details of frangible member hinge
2517/0098	. .	Means for preventing dust contacting pouring opening, e.g. a cover over the tear panel	2517/5097	. . .	Hinge line off-set from longitudinal axis of opening, i.e. 0 deg.<angle<90 deg.
2517/50	. .	Non-integral frangible members applied to, or inserted in, a preformed opening	2519/00		Pallets or like platforms, with or without side walls, for supporting loads to be lifted or lowered
2517/5002	. .	Details of flexible tape or foil-like material	2519/00004	. .	Details relating to pallets
2517/5005	. . .	with a part of the tape melted through the opening	2519/00009	. .	Materials
2517/5008	. . .	with a sealing coat	2519/00014	. . .	for the load supporting surface
2517/501	. . .	with the tape, or one layer thereof, being folded to cover both the top and bottom of container end panel	2519/00019	. . . .	Paper
2517/5013	. . .	the tape covering almost the whole of the container end panel	2519/00024	. . . .	Metal
2517/5016	. . .	with means for maintaining the tape fixed to the upper surface after initial opening	2519/00029	. . . .	Wood
2517/5018	. . . .	the other side of the tape being attached to the container to keep the tear panel in the open position	2519/00034	. . . .	Plastic
2517/5021	. . .	Spiral shaped tear-out tape	2519/00039	. . . .	Agglomerates, i.e. different materials mixed together
2517/5024	. . .	Material	2519/00044	. . . .	Combination, e.g. different elements made of different materials, laminates
2517/5027	. . . .	Single layer	2519/00049	. . .	for the base surface
2517/5029	. . . . .	and connected to container by local areas of adhesive	2519/00054	. . . .	Paper
2517/5032	. . . .	Laminated	2519/00059	. . . .	Metal
2517/5035	. . . . .	and connected to container by local areas of adhesive	2519/00064	. . . .	Wood
2517/5037	. . .	Unusual details	2519/00069	. . . .	Plastic
2517/504	. .	Details of preformed openings	2519/00074	. . . .	Agglomerates, i.e. different materials mixed together
2517/5043	. . .	provided with a flange	2519/00079	. . . .	Combination, e.g. different elements made of different materials, laminates
2517/5045	. . . .	Down-turned flange, i.e. extending into container	2519/00084	. . .	for the non-integral separating spacer
2517/5048	. . . . .	rolled or folded back, e.g. to avoid sharp edges	2519/00089	. . . .	Paper
2517/5051	. . . . .	Up-turned flange, i.e. extending away from container	2519/00094	. . . .	Metal
2517/5054	. . . . .	rolled or folded back, e.g. to avoid sharp edges	2519/00099	. . . .	Wood
2517/5056	. . .	the edge of the preformed opening having a covering element or coating, e.g. to prevent cutting or for sealing purposes	2519/00104	. . . .	Plastic
2517/5059	. . .	provided with a plurality of openings	2519/00109	. . . .	Agglomerates, i.e. different materials mixed together
2517/5062	. . .	the edge of the preformed opening being provided with incisions or notches for facilitating removal	2519/00114	. . . .	Combination, e.g. different elements made of different materials, laminates
2517/5064	. . .	the punched-out part of the preformed opening is re-inserted in the preformed opening and forming part of the tear panel	2519/00119	. . .	for the construction of the reinforcements (not used for the integral reinforcements)
2517/5067	. . .	provided with a "tongue"	2519/00124	. . . .	Paper
2517/507	. . .	Unusual details	2519/00129	. . . .	Metal
2517/5072	. .	Details of hand grip, tear- or lift-tab	2519/00134	. . . .	Wood
2517/5075	. . .	Hand grip with finger opening	2519/00139	. . . .	Plastic
2517/5078	. . . .	finger opening edge rolled or folded over	2519/00144	. . . .	Agglomerates, i.e. different materials mixed together
2517/5081	. . . .	the hand grip formed as an annular or U-shaped element	2519/00149	. . . .	Combination, e.g. different elements made of different materials, laminates
2517/5083	. . .	with means facilitating initial lifting of tape, e.g. lift or pull-tabs	2519/00154	. . .	for the side walls
2517/5086	. . . .	Tape having a U-shaped peripheral section which forms the pull-tab	2519/00159	. . . .	Paper
2517/5089	. . . .	Lift- or tear-tab formed as a separate piece from flexible tape of foil-like material	2519/00164	. . . .	Metal
2517/5091	. . .	Unusual details	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

2519/00223	. . .	for the corner elements or corner frames	2519/00482	. . . . .	on or in the walls
2519/00228	. . . .	Paper	2519/00487	. . . . .	on or in the lid or cover
2519/00233	. . . .	Metal	2519/00492	. . .	of the side walls
2519/00238	. . . .	Wood	2519/00497	. . . .	whereby at least one side wall is made of one piece
2519/00243	. . . .	Plastic	2519/00502	. . . .	whereby at least one side wall is made of two or more pieces
2519/00248	. . . .	Agglomerates, i.e. different materials mixed together	2519/00507	. . . .	shape of the wall, i.e. other than rectangular
2519/00253	. . . .	Combination, e.g. different elements made of different materials, laminates	2519/00512	. . . .	skeleton type
2519/00258	. .	Overall construction	2519/00517	. . . .	cell type, e.g. honeycomb
2519/00263	. . .	of the pallet	2519/00522	. . . .	grid type, e.g. perforated plate
2519/00268	. . . .	made of one piece	2519/00527	. . . .	Hollow walls
2519/00273	. . . .	made of more than one piece	2519/00532	. . . .	Frame structures
2519/00278	. . . .	the load supporting surface and the base surface being identical	2519/00537	. . .	of the lid or cover
2519/00283	. . .	of the load supporting surface	2519/00542	. . .	of the corner posts
2519/00288	. . . .	made of one piece	2519/00547	. .	Connections
2519/00293	. . . .	made of more than one piece	2519/00552	. . .	Structures connecting the constitutive elements of the pallet to each other, i.e. load supporting surface, base surface and/or separate spacer
2519/00298	. . . .	skeleton type	2519/00557	. . . .	without separate auxiliary elements
2519/00303	. . . .	Cell type, e.g. honeycomb	2519/00562	. . . . .	chemical connection, e.g. glued, welded, sealed
2519/00308	. . . .	grid type, e.g. perforated plate	2519/00567	. . . . .	mechanical connection, e.g. snap-fitted
2519/00313	. . .	of the base surface	2519/00572	. . . .	with separate auxiliary element, e.g. screws, nails, bayonets
2519/00318	. . . .	made of one piece	2519/00577	. . .	structures connecting side walls, including corner posts, to each other
2519/00323	. . . .	made of more than one piece	2519/00582	. . . .	structures intended to be disassembled, i.e. collapsible or dismountable
2519/00328	. . . .	shape of the contact surface of the base	2519/00587	. . . . .	side walls directly connected to each other
2519/00333	. . . . .	contact surface having a stringer-like shape	2519/00592	. . . . .	by means of hinges
2519/00338	. . . . .	contact surface having a discrete foot-like shape	2519/00597	. . . . .	integrally formed
2519/00343	. . . . .	contact surface being substantially in the form of a panel	2519/00601	. . . . .	separately formed
2519/00348	. . . . .	contact surface of other form	2519/00606	. . . . .	side walls connected via corner posts
2519/00353	. . . .	skeleton type	2519/00611	. . . . .	side walls maintained connected to each other by means of auxiliary locking elements, e.g. spring loaded locking pins
2519/00358	. . . .	Cell type, e.g. honeycomb	2519/00616	. . . .	structures not intended to be disassembled
2519/00363	. . . .	grid type, e.g. perforated plate	2519/00621	. . . . .	sidewalls directly connected to each other
2519/00368	. . .	of the non-integral separating spacer	2519/00626	. . . . .	sidewalls connected via corner posts
2519/00373	. . . .	whereby at least one spacer is made of one piece	2519/00631	. . . .	sidewalls not connected to each other, e.g. spaced apart frames
2519/00378	. . . .	whereby at least one spacer is made of two or more pieces	2519/00636	. . .	structures connecting side walls to the pallet
2519/00383	. . . .	skeleton type	2519/00641	. . . .	Structures intended to be disassembled
2519/00388	. . . .	Cell type, e.g. honeycomb	2519/00646	. . . . .	by means of hinges
2519/00393	. . . .	grid type, e.g. perforated plate	2519/00651	. . . . .	integrally formed
2519/00398	. . .	reinforcements	2519/00656	. . . . .	separately formed
2519/00402	. . . .	Integral, e.g. ribs	2519/00661	. . . . .	side walls maintained connected to pallet by means of auxiliary locking elements, e.g. spring loaded locking pins
2519/00407	. . . . .	on the load supporting surface	2519/00666	. . . .	Structures not intended to be disassembled
2519/00412	. . . . .	on the base surface	2519/00671	. . .	structures connecting corner posts to the pallet
2519/00417	. . . . .	on the non-integral separating spacer	2519/00676	. . . .	Structures intended to be disassembled
2519/00422	. . . . .	on the walls	2519/00681	. . . . .	Hinges
2519/00427	. . . . .	on the lid or cover	2519/00686	. . . . .	integrally formed
2519/00432	. . . .	Non-integral, e.g. inserts (B65D 2519/00462 takes precedence)	2519/00691	. . . . .	separately formed
2519/00437	. . . . .	on the load supporting surface	2519/00696	. . . . .	corner posts maintained connected to pallet by means of auxiliary locking elements, e.g. spring loaded locking pins
2519/00442	. . . . .	on the base surface	2519/00701	. . . .	Structures not intended to be disassembled
2519/00447	. . . . .	on the non-integral separating spacer	2519/00706	. . .	structures connecting the lid or cover to the side walls or corner posts
2519/00452	. . . . .	on the walls	2519/00711	. . . .	removable lid or covers
2519/00457	. . . . .	on the lid or cover			
2519/00462	. . . .	Applied in mold, e.g. bi-injection molded reinforcement			
2519/00467	. . . . .	on or in the load supporting surface			
2519/00472	. . . . .	on or in the base surface			
2519/00477	. . . . .	on or in the non-integral separating spacer			

- 2519/00716 non-removable lid or covers
- 2519/00721 hinged lids
- 2519/00726 integrally formed
- 2519/00731 separately formed
- 2519/00736 . . Details
- 2519/00741 . . . Dimensional aspects of the pallet
- 2519/00746 divisible into sub-pallets of smaller dimensions
- 2519/00751 joined together by integral breakable elements
- 2519/00756 joined together by removable elements, e.g. bands encircling the feed
- 2519/00761 the surface being variable, e.g. extendable pallets ([B65D 2519/00746 takes precedence](#))
- 2519/00766 with one set of interchangeable elements to adapt the surface to different dimensions
- 2519/00771 smaller than "standard"
- 2519/00776 . . . Accessories for manipulating the pallet
- 2519/00781 for moving on a surface, e.g. wheels, pads ([B65D 2519/00825 takes precedence](#))
- 2519/00786 for lifting, e.g. hooks, loops
- 2519/00791 handles, handgrip holes
- 2519/00796 Guiding means for fork-lift
- 2519/008 . . . Drainage means
- 2519/00805 . . . Means for facilitating the removal of the load
- 2519/0081 . . . Elements or devices for locating articles
- 2519/00815 on the pallet
- 2519/0082 in the side wall
- 2519/00825 . . . Finishing of the external surfaces
- 2519/0083 Anti-slip means
- 2519/00835 Integral
- 2519/0084 Separated elements, e.g. including in-moulded elements
- 2519/00845 Slip means
- 2519/0085 Integral
- 2519/00855 Separated elements, e.g. including in-moulded elements
- 2519/0086 . . . Protection against environmental hazards, e.g. humidity, bacteria, fire
- 2519/00865 . . . Collapsible, i.e. at least two constitutive elements remaining hingedly connected
- 2519/0087 collapsible pallet
- 2519/00875 collapsible side walls
- 2519/0088 comprising two side walls hinged to a base panel and two other side walls being extensions hinged to said side walls
- 2519/00885 and one or more side walls being foldable along a median line
- 2519/0089 comprising two side walls hinged along the sides of a base panel and to an upper frame and two other side walls being hinged only to the upper frame
- 2519/00895 and one or more side walls being foldable along a median line
- 2519/009 whereby all side walls are hingedly connected to the base panel
- 2519/00905 and one or more side walls being foldable along a median line
- 2519/0091 whereby all side walls are hingedly connected to each other
- 2519/00915 and one or more side walls being foldable along a median line
- 2519/0092 whereby all side walls are hingedly connected to the base panel and to each other to allow automatic collapsing and re-erecting, e.g. by means of folds provided in the side walls and or in the base panel
- 2519/00925 with semi-detachable components, i.e. with some side walls hinged to each other or to a base panel and the other side walls being detachable to allow collapsing of the container
- 2519/0093 structures for maintaining the pallet in a collapsed state
- 2519/00935 . . . with special means for nesting or stacking
- 2519/0094 nestable
- 2519/00945 when upside down
- 2519/0095 when loaded
- 2519/00955 stackable
- 2519/0096 when empty
- 2519/00965 when loaded
- 2519/0097 through corner posts
- 2519/00975 through the side walls
- 2519/0098 . . . Dismountable elements
- 2519/00985 the pallet being not usable as a pallet after dismounting
- 2519/0099 single dismountable pallet element, e.g. for replacement
- 2519/00995 detachable elements of the side wall, i.e. not the whole wall
- 2525/00 Details of other kinds or types of rigid or semi-rigid containers**
- 2525/28 . . Handles
- 2525/281 . . Details relating to handles
- 2525/282 . . . combined with content- dispensing means, e.g. spouts
- 2525/283 . . . combined with container closing means, e.g. stopper
- 2525/284 . . . combined with closure retaining means
- 2525/285 . . . removable or detachable
- 2525/286 . . . movable between two or more stable positions, e.g. a retracted and an extended position
- 2525/287 by sliding action
- 2525/288 by pivoting action
- 2525/289 . . . Handgrip-element made separately from the handle
- 2539/00 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 ([for container closures in general B65D 2251/00](#))**
- 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

2543/00055	. . .	Lids serving as, or incorporating, drinking or measuring vessels	2543/00481	. . .	on the inside or the outside of the container
2543/00064	. . .	Shape of the outer periphery	2543/0049	. . . .	on the inside, or a part turned to the inside of the mouth of the container
2543/00074	. . . .	curved (combined with straight sides B65D 2543/0012)	2543/005	. . . . .	both cup and skirt
2543/00083	. . . . .	oval	2543/00509	. . . . .	Cup
2543/00092	. . . . .	circular	2543/00518	. . . . .	Skirt
2543/00101	. . . . .	square-like or rectangular-like	2543/00527	. . . . .	NO contact
2543/00111	. . . . .	triangular-like, i.e. three curved sides	2543/00537	. . . .	on the outside, or a part turned to the outside of the mouth of the container
2543/0012	. . . .	having straight sides, e.g. with curved corners	2543/00546	. . . . .	NO contact
2543/00129	. . . . .	two straight sides and at least one curved side	2543/00555	. . . . .	on both the inside and the outside
2543/00138	. . . . .	with one curved side	2543/00564	. . .	indirect by means of a gasket or similar intermediate ring
2543/00148	. . . . .	with two curved sides	2543/00574	. . .	secured locally, i.e. a lot less than half the periphery
2543/00157	. . . . .	three straight sides	2543/00583	. . .	Means for limiting the axial insertion of the lid on the container
2543/00166	. . . . .	and at least one curved side	2543/00592	. . .	Snapping means
2543/00175	. . . . .	four straight sides, e.g. trapezium or diamond	2543/00601	. . . .	on the container
2543/00185	. . . . .	and at least one curved side	2543/00611	. . . . .	Profiles
2543/00194	. . . . .	square or rectangular (with curved sides B65D 2543/00101)	2543/0062	. . . . .	Groove or hollow bead
2543/00203	. . . . .	specifically square	2543/00629	. . . . .	Massive bead
2543/00212	. . . . .	more than four sides	2543/00638	. . . . .	Rolled edge
2543/00222	. . .	Hollow and made of one piece	2543/00648	. . . . .	Flange or lip
2543/00231	. . .	made of several pieces	2543/00657	. . . . .	U-shaped or inverted U
2543/0024	. . . .	two pieces, one forming at least the whole skirt, the other forming at least the whole upper part	2543/00666	. . . . .	Hole
2543/0025	. . .	Multi-position closures	2543/00675	. . . . .	Periphery concerned
2543/00259	. . .	Materials used	2543/00685	. . . . .	Totality
2543/00268	. . . .	Paper	2543/00694	. . . . .	Segments
2543/00277	. . . .	Metal	2543/00703	. . . . .	Dots
2543/00287	. . . .	Wood	2543/00712	. . . .	on the lid
2543/00296	. . . .	Plastic	2543/00722	. . . . .	Profiles
2543/00305	. . . .	Other	2543/00731	. . . . .	Groove or hollow bead
2543/00314	. . . .	Combination, e.g. laminates, several different materials	2543/0074	. . . . .	Massive bead
2543/00324	. . .	Lids integrally moulded with the container, or with a connecting piece, and separated therefrom by rupturing the connection before the first use	2543/0075	. . . . .	Rolled edge
2543/00333	. . .	Not reusable, e.g. destroyed on opening	2543/00759	. . . . .	Flange or lip
2543/00342	. .	Central part of the lid	2543/00768	. . . . .	U-shaped or inverted U
2543/00351	. . .	Dome-like	2543/00777	. . . . .	Hole
2543/00361	. . . .	placed on a tray like container	2543/00787	. . . . .	Periphery concerned
2543/0037	. . .	Flexible or deformable	2543/00796	. . . . .	Totality
2543/00379	. . . .	hinged or articulated, i.e. made of two or more parts hinged one to another	2543/00805	. . . . .	Segments
2543/00388	. . .	Bent or angled, i.e. central part presents two main planes	2543/00814	. . . . .	Dots
2543/00398	. . .	Reinforcing ribs in the central part of the closure	2543/00824	. .	Means for facilitating removing of the closure
2543/00407	. . . .	radial	2543/00833	. . .	Integral tabs, tongues, handles or similar
2543/00416	. . . .	circular	2543/00842	. . . .	outside of the lid
2543/00425	. .	Lids or covers welded or adhered to the container	2543/00851	. . . .	on the central part of the lid
2543/00435	. .	Lids secured to an intermediate ring or like annular member fixed to the container mouth	2543/00861	. . .	Non-integral tabs, tongues, handles or similar
2543/00444	. .	Contact between the container and the lid	2543/0087	. . . .	outside of the lid
2543/00453	. . .	in a peripheral U-shaped channel of the container	2543/00879	. . . .	on the central part of the lid
2543/00462	. . . .	peripheral U-shaped channel of the lid	2543/00888	. . .	by applying lever forces
2543/00472	. . . .	Skirt	2543/00898	. . . .	by means of a coin or other tool in recesses or similar on container or lid
			2543/00907	. . . .	directly on two elements of container and lid respectively, i.e. using the fingers
			2543/00916	. . . .	downward vertical pressure in order to tilt the opposite side of the lid
			2543/00925	. . .	by applying inwardly directed pressure at two horizontally opposed points
			2543/00935	. . .	by depressing the central part at least locally
			2543/00944	. . .	Located only on the container, e.g. recesses
			2543/00953	. .	Sealing means
			2543/00962	. . .	inserted

- 2543/00972 Collars or rings
- 2543/00981 Discs
- 2543/0099 . . . 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

- 2571/0029 Openings in top or bottom walls
- 2571/00296 consisting of at least a part of a wall conforming to the contents shape
- 2571/00302 consisting of an inward deformation of at least a wall, e.g. embossed, keels
- 2571/00308 consisting of inwardly bent panels or flaps
- 2571/00314 with locating holes or cuts
- 2571/0032 inserted the wrapper
- 2571/00327 the articles being glued to the wrapper
- 2571/00333 . . Partitions, i.e. elements contacting a major part of each article or extending across the whole length of the wrapper
- 2571/00339 extending from the upper or lower wall
- 2571/00345 Squarings or the like
- 2571/00351 Two rows of two cells
- 2571/00358 Two rows of more than two cells
- 2571/00364 Four rows of more than two cells
- 2571/0037 extending from at least a side wall
- 2571/00376 Squarings or the like
- 2571/00382 Two rows of two cells
- 2571/00388 Two rows of more than two cells
- 2571/00395 Four rows of more than two cells
- 2571/00401 inserted the wrapper
- 2571/00407 Squarings or the like
- 2571/00413 Two rows of two cells
- 2571/00419 Two rows of more than two cells
- 2571/00425 Four rows of more than two cells
- 2571/00432 . . Handles or suspending means
- 2571/00438 Holes
- 2571/00444 for fingers
- 2571/0045 for hands
- 2571/00456 integral with the wrapper
- 2571/00462 Straps made by two slits in a wall
- 2571/00469 Straps made between two handholes
- 2571/00475 and extending on a substantially vertical plane
- 2571/00481 and formed by portions of the top wall being cut out and folded upwardly
- 2571/00487 and formed integrally with a partition
- 2571/00493 attached to the wrapper
- 2571/005 the handle being a part of one of the articles
- 2571/00506 the handle being formed integrally with an attached partition
- 2571/00512 movable or foldable between an extended and a retracted position
- 2571/00518 with reinforcements
- 2571/00524 integral
- 2571/0053 attached
- 2571/00537 with stress relieving means
- 2571/00543 consisting of cut-outs, slits, or the like
- 2571/00549 consisting of fold lines
- 2571/00555 . . Wrapper opening devices
- 2571/00561 Lines of weakness ([B65D 2571/00864 takes precedence](#))
- 2571/00567 defining a narrow removable strip
- 2571/00574 whereby contents can still be carried after the line has been torn
- 2571/0058 The tear line defining a dispensing aperture provided with means for preventing the articles from freely exiting the wrapper, e.g. by rolling out
- 2571/00586 the means being elastically deformed for removing an object
- 2571/00592 with means for reclosing
- 2571/00598 The tearable part having a specific use
- 2571/00604 for supporting the wrapper in a dispensing position, e.g. inclined
- 2571/00611 for holding an article, e.g. insulating
- 2571/00617 combined with means for assisting dispensing not made by the tearable dispensing part
- 2571/00623 for preventing the contents from exiting freely
- 2571/00629 for supporting the wrapper in a dispensing position
- 2571/00635 Means for unlocking, e.g. for grasping and tearing the glued overlapping edge
- 2571/00641 Inserted cutting bands or strings
- 2571/00648 Elements used to form the wrapper
- 2571/00654 Blanks
- 2571/0066 formed from one single sheet
- 2571/00666 formed from two or more sheets
- 2571/00672 Films
- 2571/00679 Shrink films
- 2571/00685 Stretch films
- 2571/00691 Nets
- 2571/00697 Other elements
- 2571/00703 Two or more different elements
- 2571/00709 . . Shape of the formed wrapper, i.e. shape of each formed element if the wrapper is made from more than one element
- 2571/00716 tubular without end walls
- 2571/00722 tubular with end walls, e.g. walls not extending on the whole end surface
- 2571/00728 the end walls being closed by gluing
- 2571/00734 the end walls being closed by heat sealing
- 2571/0074 the end walls being closed by applying tape
- 2571/00746 the end walls being closed by staples
- 2571/00753 the end walls being closed by interlocking
- 2571/00759 the end walls having a part tucked between side, top or bottom wall and contents or between two articles
- 2571/00765 the end walls being retained in closed position by their own rigidity
- 2571/00771 the end walls being locked to at least a part of the contents
- 2571/00777 with inserted end walls
- 2571/00783 the end walls forming the bottom or upper wall
- 2571/0079 U-shaped
- 2571/00796 cross-like
- 2571/00802 Other shapes
- 2571/00808 Inserts
- 2571/00814 for reinforcing
- 2571/0082 Supplementary bounding elements, e.g. straps
- 2571/00827 Cards, coupons
- 2571/00833 Other details of wrappers
- 2571/00839 Integral reinforcements
- 2571/00845 Windows
- 2571/00851 Detachable cards, coupons
- 2571/00858 Devices for locating the wrapped bundle in a container, e.g. in a bottle crate
- 2571/00864 Lines of weakness for separating into subgroups

- 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 . . . Reinforcing 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

- 2581/055 Plastic in general, e.g. foamed plastic, molded plastic, extruded plastic
- 2581/056 Other materials, e.g. metals, straw, coconut fibre
- 2581/057 Edge protectors adapted to protect the circular edge of rolls of material, e.g. coils of sheet metal
- 2581/058 Edge or corner protectors connected to each other by separate elements
- 2581/34 for packaging foodstuffs or other articles intended to be cooked or heated within
- 2581/3401 Cooking or heating method specially adapted to the contents of the package
- 2581/3402 characterised by the type of product to be heated or cooked
- 2581/3404 Cooking pasta dishes, e.g. noodles
- 2581/3405 Cooking bakery products
- 2581/3406 Pizza or bread
- 2581/3408 Cakes and the like, e.g. muffins, cupcakes
- 2581/3409 Brewing coffee or tea
- 2581/341 Cooking eggs
- 2581/3412 Cooking fried food ([B65D 2581/3416 and B65D 2581/3417 take precedence](#))
- 2581/3413 Fish sticks or french fries
- 2581/3414 Heating an adhesive or a glue
- 2581/3416 Cooking meat products, e.g. hot-dogs, hamburgers
- 2581/3417 Bacon
- 2581/3418 Poultry
- 2581/342 Ham
- 2581/3421 Cooking pop-corn
- 2581/3422 Cooking rice dishes
- 2581/3424 Cooking fish or shellfish ([B65D 2581/3413 takes precedence](#))
- 2581/3425 Cooking a complete meal, e.g. TV-dinners ([trays with moulded compartments B65D 1/36](#))
- 2581/3427 Cooking vegetables
- 2581/3428 Cooking unusual food, i.e. none of the above foods
- 2581/3429 Packages containing a secondary product to be cooked and discharged over the primary product
- 2581/3431 the secondary product, e.g. fudge, being heated over ice-cream
- 2581/3432 the secondary product, e.g. flavouring sauce, being enclosed in a second package
- 2581/3433 to add moisture to the product, e.g. steaming ([B65D 81/3438 takes precedence](#))
- 2581/3435 Package specially adapted for defrosting the contents by microwave heating
- 2581/3436 Doneness indicators, e.g. to indicate whether the food is cooked
- 2581/3437 specially adapted to be heated by microwaves
- 2581/3439 Means for affecting the heating or cooking properties
- 2581/344 Geometry or shape factors influencing the microwave heating properties
- 2581/3441 3-D geometry or shape factors, e.g. depth-wise
- 2581/3443 Shape or size of microwave reactive particles in a coating or ink
- 2581/3444 Packages having devices which convert microwave energy into movement
- 2581/3445 Microwave reactive adhesives, e.g. also used in valves or lids
- 2581/3447 Heat attenuators, blocking agents or heat insulators for temperature control
- 2581/3448 Binders for microwave reactive materials, e.g. for inks or coatings
- 2581/345 Chemical browning agents or aroma adding agents, e.g. smoked flavour
- 2581/3451 Microwave reactive fibres, i.e. microwave reactive material in the form of fibres
- 2581/3452 Packages having a plurality of microwave reactive layers, i.e. multiple or overlapping microwave reactive layers
- 2581/3454 Microwave reactive layer having a specified optical density
- 2581/3455 Packages having means for improving the internal circulation of air
- 2581/3456 Means for holding the contents at a distance from the base of the package, e.g. raised islands or protrusions ([B65D 2581/3459 takes precedence](#))
- 2581/3458 Convective heating chambers, e.g. hot air channels
- 2581/3459 Means for holding the package at a distance from the microwave oven floor, e.g. stands
- 2581/346 integral to the package, e.g. the package is transformed into a stand
- 2581/3462 separate from the package, e.g. separate stands
- 2581/3463 Means for applying microwave reactive material to the package
- 2581/3464 Microwave reactive material applied by ink printing
- 2581/3466 Microwave reactive material applied by vacuum, sputter or vapor deposition
- 2581/3467 Microwave reactive layer shaped by delamination, demetallizing or embossing
- 2581/3468 Microwave reactive material directly applied on paper substrate
- 2581/347 Microwave reactive material moulded with the container, e.g. as a filler in thermoplastics
- 2581/3471 Microwave reactive substances present in the packaging material
- 2581/3472 Aluminium or compounds thereof
- 2581/3474 Titanium or compounds thereof
- 2581/3475 Titanium nitride
- 2581/3477 Iron or compounds thereof
- 2581/3478 Stainless steel
- 2581/3479 Other metallic compounds, e.g. silver, gold, copper, nickel
- 2581/3481 Silicon or oxides thereof
- 2581/3482 Ceramic compositions, e.g. vermiculite, bentonite
- 2581/3483 Carbon, carbon black, or graphite
- 2581/3485 Other unusual non-metallic substances, e.g. ivory, wood
- 2581/3486 Dielectric characteristics of microwave reactive packaging
- 2581/3487 Reflection, Absorption and Transmission [RAT] properties of the microwave reactive package

2581/3489	. . . . Microwave reflector, i.e. microwave shield (B65D 2581/3487 takes precedence)	2585/363	. . . . specific products
2581/349	. . . . . attached to the lid	2585/366	. . . . . Pizza
2581/3491	. . . . . attached to the side walls	2585/54	. for articles of special shape not otherwise provided for
2581/3493	. . . . . attached to the base surface	2585/545	. . Contact lenses
2581/3494	. . . . . Microwave susceptor (B65D 2581/3487 takes precedence)	2585/56	. for medicinal tablets or pills
2581/3495	. . . . . attached to the lid	2585/64	. for bulky articles
2581/3497	. . . . . attached to the side walls	2585/641	. . specific articles
2581/3498	. . . . . attached to the base surface	2585/642	. . . bathroom and toilet devices
2583/00	Containers or packages with special means for dispensing contents	2585/643	. . . . toilet cisterns, seats, etc
2583/005	. Dispensers provided with a replaceable cartridge, recharge or pouch located within the dispenser	2585/644	. . . . . bathtubs
2583/04	. For dispensing annular, disc-shaped or spherical or like small articles or tablets	2585/645	. . . . . kitchen sinks
2583/0404	. . Indications, e.g. directions for use	2585/646	. . . pianos or organs
2583/0409	. . . of dates or follow-numbers	2585/647	. . . furniture
2583/0413	. . . Tactile indication, e.g. Braille	2585/648	. . . . chairs and armchairs
2583/0418	. . . of different sizes, or kinds, in different compartments	2585/649	. . . other bulky articles
2583/0422	. . . of variable doses of the same articles	2585/68	. for machines, engines, or vehicles in assembled or dismantled form
2583/0427	. . . Illuminating means	2585/6802	. . specific machines, engines or vehicles (not used)
2583/0431	. . Disc-like articles arranged in a pile on their flat side	2585/6805	. . . air treatment devices
2583/0436	. . Receiving device other than a removable closure	2585/6807	. . . . fans
2583/044	. . . Receiving post	2585/681	. . . . heaters
2583/0445	. . characterised by the shape of the container	2585/6812	. . . . coolers or air conditioners
2583/045	. . . Pen-like with pocket-clip	2585/6815	. . . kitchen devices, including unspecified devices, e.g. Haushaltgeräte
2583/0454	. . . Flat container with slide cover, i.e. the thickness of the container is slightly more than the thickness of one article	2585/6817	. . . . refrigerators
2583/0459	. . . Flat circular container with rotating parts	2585/682	. . . . cookers or dryers
2583/0463	. . . of special configuration, e.g. simulating an animal	2585/6822	. . . . juicers
2583/0468	. . . of drawer-and-shell type	2585/6825	. . . . gas tables
2583/0472	. . characterised by the dispensing action	2585/6827	. . . . toasters
2583/0477	. . . the container is maintained in the same position during the dispensing of several successive articles or doses	2585/683	. . . . rice cookers
2583/0481	. . . . One reciprocating action, e.g. to or from	2585/6832	. . . . rice cake machines
2583/0486	. . . . . Linear action transformed in a rotational movement of the dispensing element	2585/6835	. . . audio-visual devices
2583/049	. . . . . One rotational action of a cylindrical, disc-like or sphere-like element around its own axis, e.g. step-by-step, reciprocating	2585/6837	. . . . tv or computers
2583/0495	. . . . . the element being alveolate	2585/684	. . . . stereo hi-fi sets or speakers
2583/08	. for dispensing thin flat articles in succession	2585/6842	. . . . radios, walkmans
2583/082	. . Details relating to containers for dispensing thin flat articles in succession	2585/6845	. . . other household devices (B65D 2585/6815 and B65D 2585/6835 take precedence)
2583/085	. . . Details relating to the cutting means	2585/6847	. . . . vacuum cleaners
2583/087	. . . . with cutting edges being impregnated or coated	2585/685	. . . . irons
2585/00	Containers, packaging elements or packages specially adapted for particular articles or materials	2585/6852	. . . . sewing machines
2585/08	. for compressible or flexible rod-shaped or tubular article	2585/6855	. . . . washing machine
2585/085	. . Shirred sausage casings	2585/6857	. . . . domestic water storage heaters
2585/30	. for articles particularly sensitive to damage by shock or pressure	2585/686	. . . vehicles
2585/36	. . for biscuits or other bakery products	2585/6862	. . . . bicycles
		2585/6865	. . . . motor cycles
		2585/6867	. . . . automobiles
		2585/687	. . . . aircrafts
		2585/6872	. . . . tractors
		2585/6875	. . . engines, motors, machines and vehicle parts
		2585/6877	. . . . engines or motors
		2585/688	. . . . agricultural or horticultural machines
		2585/6882	. . . . vehicle parts
		2585/6885	. . . . . wiper blades
		2585/6887	. . . . . body parts, e.g. doors, body panels
		2585/689	. . . office or shop equipment
		2585/6892	. . . . photocopiers
		2585/6895	. . . . typewriters
		2585/6897	. . . others

- 2585/86 . . 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](#))
- 2585/88 . . . Batteries
- 2588/00 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
- 2590/00 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
- 2590/666 . . . Locking devices, e.g. for maintaining an open or position
- 2590/668 . . . Controlling devices