

**CPC****COOPERATIVE PATENT CLASSIFICATION****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 (**

containers specially adapted for storing agricultural or horticultural products [A01F 25/14](#) ; containers specially adapted for use in dairies [A01J](#) ; travelling bags or baskets, suitcases [A45C](#) ; travelling or camp equipment [A45F](#) ; { linkable display containers [A47B 87/00C](#) } ; household or table equipment [A47G](#) ; letter-boxes for home use [A47G 29/12](#) ; kitchen equipment [A47J](#) ; associated with vehicles, see the appropriate subclass of [B60](#) to [B64](#) ; machines, apparatus, or devices for, or methods of, packaging articles or materials [B65B](#) ; sack holders [B65B 67/00](#) ; refuse receptacles [B65F 1/00](#) ; handling sheets, webs or filamentary material [B65H](#) ; load-engaging elements or devices attached to lifting or lowering gear of cranes or adapted for connection therewith for transmitting lifting forces [B66C](#) ; liquid handling [B67](#) ; storing gases [F17](#) ; { packaging for photosensitive or like materials [G03](#) , e.g. [G03C 3/00](#) } ; making containers, see subclasses dealing with the working of the material concerned )

**NOTE**

In this subclass, the indexing codes of [B65D 2519/00004](#) - [B65D 2519/00995](#) should be added, if applicable

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](#)

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

In this subclass, groups [B65D 5/00](#) , [B65D 27/00](#) , [B65D 30/00](#) 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

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 [3]

Tamper-indicating means for containers or closures are classified in the group appropriate to the type of container or closure, e.g. [B65D 5/43](#) , [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](#) [5]

### **WARNING**

The following IPC groups are not used in the CPC scheme. Subject matter covered by these groups is classified in the following CPC groups:

[B65D 5/34](#) covered by [B65D 5/325](#)  
[B65D 5/35](#) covered by [B65D 5/32](#)  
[B65D 5/355](#) covered by [B65D 5/0005](#)  
[B65D 5/43](#) covered by [B65D 5/42](#)  
[B65D 5/462](#) covered by [B65D 5/46008](#) to [B65D 5/46032](#)  
[B65D 5/465](#) covered by [B65D 5/46008](#) to [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](#) & subgroups [B65D 19/24](#) covered by [B65D 19/0004](#) & subgroups [B65D 19/26](#) covered by [B65D 19/0004](#) & subgroups [B65D 19/30](#) covered by [B65D 19/0004](#) & subgroups [B65D 19/31](#) covered by [B65D 19/0004](#) & subgroups [B65D 19/34](#) covered by [B65D 19/0004](#) & subgroups  
[B65D 17/28](#) - [B65D 17/48](#) , [B65D 17/52](#) covered by [B65D 17/16](#) to

[B65D 17/26](#)  
[B65D 19/32](#) covered by [B65D 19/0002](#) , [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 21/0211](#)  
[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](#) +s.gr.  
[B65D 41/01](#) covered by [B65D 41/00](#)  
[B65D 43/03](#) covered by [B65D 43/00](#) + [L65D 43/00A](#)  
[B65D 47/22](#) covered by [B65D 47/20](#)  
[B65D 47/34](#) covered by [B05B 11/00](#)  
[B65D 50/06](#) covered by [B65D 55/02E](#)  
[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](#) to  
[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](#) - [B65D 83/74](#) covered by [B65D 83/14](#) , [B65D 83/16](#)  
[B65D 83/18](#) covered by [B65D 83/201](#)  
[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](#) S, [H05K 13/00](#)  
[B65D 91/00](#) covered by [A47G 29/12](#)

**Guidance heading:** General kinds of rigid or semi-rigid containers ( large containers [B65D 88/00](#) )

## **B65D 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](#) )

## **B65D 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](#) } )

## **B65D 1/0207**

- .. { characterised by material, e.g. composition, physical features }

## **B65D 1/0215**

- ... { multilayered ( [B65D 81/3837](#) takes precedence ) }

## **B65D 1/0223**

- .. { characterised by shape }

- B65D 1/023 . . . { Neck construction }
- B65D 1/0238 . . . . { Integral frangible closures }
- B65D 1/0246 . . . . { Closure retaining means, e.g. beads, screw-threads }
- B65D 1/0253 . . . . { Means facilitating removal of the closure, e.g. cams, levers }
- B65D 1/0261 . . . { Bottom construction ( [B65D 1/06](#) takes precedence ) }
- B65D 1/0269 . . . . { Openers }
- B65D 1/0276 . . . . { having a continuous contact surface, e.g. Champagne-type bottom }
- B65D 1/0284 . . . . { having a discontinuous contact surface, e.g. discrete feet }
- B65D 1/0292 . . . { Foldable bottles }
- B65D 1/04 . . Multi-cavity bottles
- B65D 1/06 . . with closable apertures at bottom
- B65D 1/08 . . adapted to discharge drops ( [droppers B65D 47/18](#) )
  
- B65D 1/09 . Ampoules ( [specially adapted for medical or pharmaceutical purposes A61J 1/06](#) )
- B65D 1/095 . . { made of flexible material }
  
- B65D 1/10 . Jars, e.g. for preserving foodstuffs { ( [B65D 81/3837](#) takes precedence ) }
  
- B65D 1/12 . Cans, casks, barrels, or drums
- B65D 1/14 . . characterised by shape
- B65D 1/16 . . . of curved cross-section, e.g. cylindrical
- B65D 1/165 . . . . { Cylindrical cans }
- B65D 1/18 . . . of polygonal cross-section
- B65D 1/20 . . characterised by location or arrangement of filling or discharge apertures
  
- B65D 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 ) }
- B65D 1/225 . . { Collapsible boxes }
- B65D 1/24 . . with moulded compartments or partitions
- B65D 1/243 . . . { Crates for bottles or like containers }
- B65D 1/246 . . . . { Cover elements inserted in crates }
- B65D 1/26 . . Thin-walled containers, e.g. formed by deep-drawing operations { ( [B65D 1/165](#) takes precedence ) }
- B65D 1/265 . . . { Drinking cups ( [B65D 81/3865](#) takes precedence, holders for plastic cups [A47G 23/0208](#) ) }
- B65D 1/28 . . . formed of laminated material
- B65D 1/30 . . . Groups of containers joined together end-to-end or side-by-side
  
- B65D 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](#) ; Kaufman type dispensers based on the siphon principle, e.g. for ketchup, [B67D 5/02C](#) ; oil cans [F16N 3/00](#) )
- B65D 1/323 . . { the container comprising internally a dip tube through which the contents pass }
- B65D 1/326 . . { the container comprising an, externally located, integrally formed tube through which the contents pass ( [integrally formed suction tubes B65D 77/286](#) ) }

- B65D 1/34 . Trays or like shallow containers { [B65D 81/3813](#) takes precedence }
- B65D 1/36 . . with moulded compartments or partitions
- B65D 1/38 . Baskets or like containers of skeleton or apertured construction, { ( [crates for bottles or like containers B65D 1/243](#) ) }
- B65D 1/40 . Details of walls ( [other container details B65D 23/00](#) , [B65D 25/00](#) )
- B65D 1/42 . . Reinforcing or strengthening parts or members
- B65D 1/44 . . . Corrugations
- B65D 1/46 . . . Local reinforcements, e.g. adjacent closures
- B65D 1/48 . . . Reinforcements of dissimilar materials, e.g. metal frames in plastic walls
- B65D 3/00 Containers having bodies or peripheral walls of curved or partially curved cross-section made by winding or bending paper without folding along defined lines ( [with end walls of different materials B65D 15/00](#) )**
- B65D 3/02 . characterised by shape
- B65D 3/04 . . essentially cylindrical
- B65D 3/06 . . essentially conical or frusto-conical
- B65D 3/08 . . having a cross-section of varying shape, e.g. circular merging into square or rectangular
- B65D 3/10 . characterised by form of integral or permanently secured end closure
- B65D 3/12 . . Flanged discs permanently secured, e.g. by adhesives, by heat-sealing
- B65D 3/14 . . . Discs fitting within container end and secured by bending, rolling, or folding operations
- B65D 3/16 . . Discs without flanges engaging a groove in the container body
- B65D 3/18 . . . and secured by rolling in the end of the body
- B65D 3/20 . . with end portion of body adapted to be closed, by flattening or folding operations, e.g. formed with crease lines or flaps
- B65D 3/22 . with double walls ; with walls incorporating air-chambers ; with walls made of laminated material { ( [for thermal insulating purposes B65D 81/3818](#) ) }
- B65D 3/24 . with several compartments
- B65D 3/26 . Opening arrangements or devices incorporated in, or attached to, containers
- B65D 3/261 . . { the opening arrangement being located in the container side wall }
- B65D 3/262 . . . { forming a circumferential line of weakness }
- B65D 3/263 . . . . { and having an attached or applied tearing or reinforcing element }
- B65D 3/264 . . . { forming a longitudinal line of weakness }
- B65D 3/265 . . . . { and having an attached or applied tearing or reinforcing element }
- B65D 3/266 . . . { forming a helical line of weakness }
- B65D 3/267 . . . . { and having an attached or applied tearing or reinforcing element }
- B65D 3/268 . . { the opening arrangement being located in a container closure }
- B65D 3/28 . Other details of walls

- B65D 3/30 . . . Local reinforcements, e.g. metallic rims
- B65D 5/00** **Containers of polygonal cross-section, e.g. boxes, cartons, trays, formed by folding or erecting one or more blanks made of paper** ( [pallets B65D 19/00](#) ; 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](#) ; forming foldable or erectable blanks [B31B](#) )
- B65D 5/0005 . { of variable capacity ( in general [B65D 21/08](#) ) }
- B65D 5/001 . { stackable ( in general [B65D 21/02](#) ) }
- B65D 5/0015 . . { the container being formed by folding up portions connected to a central panel }
- B65D 5/002 . . . { having integral corner posts ( [B65D 5/0045](#) and [B65D 5/0065](#) take precedence ) }
- B65D 5/0025 . . . . { the corner posts being formed as a prolongation of a doubled-over extension of the side walls }
- B65D 5/003 . . . { having ledges formed by extensions of the side walls ( [B65D 5/0045](#) and [B65D 5/0065](#) take precedence ) }
- B65D 5/0035 . . . . { the ledges being located between side walls and doubled-over extensions ( [B65D 5/0025](#) takes precedence ) }
- B65D 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 }
- B65D 5/0045 . . . { having both integral corner posts and ledges }
- B65D 5/005 . . { Separate or attached stacking elements }
- B65D 5/0055 . . . { saddling the side walls of the container ( [B65D 5/006](#) takes precedence ) }
- B65D 5/006 . . . { Separate corner posts and like elements ( [B65D 5/0065](#) takes precedence ) }
- B65D 5/0065 . . . { Separate elements inserted in or attached to integral corner posts or ledges }
- B65D 5/007 . . . { Wooden elements affixed to the container blank before or during erection }
- B65D 5/0075 . . . { Paper elements affixed to the container blank before or during erection }
- B65D 5/008 . { the container body having a pyramidal shape }
- B65D 5/0085 . { the container body comprising two mating compartments hinged together ( [B65D 77/006](#) takes precedence ) }
- B65D 5/009 . { the container body comprising a set of interconnected cells, e.g. hinged one to another }
- B65D 5/0095 . { the container body having an L-shaped configuration }
- B65D 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 )
- B65D 5/0209 . . { the tubular body having a curved or partially curved cross-section }
- B65D 5/0218 . . { with end closures having an axially movable end wall; the end wall and body being interconnected by foldable panel-elements }
- B65D 5/0227 . . { with end closures formed by inward folding of flaps and securing them by heat-sealing, adhesive applied to the flaps or staples ( by adhesive tapes [B65D 5/0236](#) ) }

- B65D 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 ) }
- B65D 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](#) ) }
- B65D 5/0254 . . { with end closures formed by inward folding of flaps and securing means of them by means of a tongue integral with one of the flaps }
- B65D 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 }
- B65D 5/0272 . . { with end closures formed by applying a web on the edge of the body, and subsequent inward folding of flaps }
- B65D 5/0281 . . { the tubular body presenting double or multiple walls ( [for thermal insulating purposes B65D 81/3853](#) ) }
- B65D 5/029 . . { the tubular body presenting a special shape ( [pyramidal B65D 5/008](#) ) }
- B65D 5/04 . . the tubular body having no end closures ( [shells of drawer-and-shell type containers B65D 5/38](#) ) }
- B65D 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
- B65D 5/061 . . . { Rectangular containers having a body with gusset-flaps folded inwardly beneath the closure flaps }
- B65D 5/062 . . . . { with supplemental means facilitating the opening, e.g. tear lines, tear tabs }
- B65D 5/063 . . . . { with supplemental clamping elements mounted on the container top }
- B65D 5/064 . . . { Rectangular containers having a body with gusset-flaps folded outwardly or adhered to the side or the top of the container }
- B65D 5/065 . . . . { with supplemental means facilitating the opening, e.g. tear lines, tear tabs }
- B65D 5/066 . . . . { with supplemental clamping elements mounted on the container top }
- B65D 5/067 . . . { Gable-top containers }
- B65D 5/068 . . . . { with supplemental means facilitating the opening, e.g. tear lines, tear tabs }
- B65D 5/069 . . . . { with supplemental clamping elements mounted on the fin of the container-top }
- B65D 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](#) ) }
- B65D 5/10 . . with end closures formed by inward-folding of self-locking flaps hinged to tubular body
- B65D 5/103 . . . { one of the self-locking flaps having a tongue engaging into an opening of an opposite flap }
- B65D 5/106 . . . . { the opening being a slot }
- B65D 5/12 . . with end closures formed separately from tubular body
- B65D 5/14 . . . with inset end closures
- B65D 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](#) ) }
- B65D 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](#) ) }



- B65D 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](#) )
- B65D 5/2004 .. { the container body having hollow side-walls }
- B65D 5/2009 ... { all formed by folding extensions of the side walls }
- B65D 5/2014 .. { the central panel having a non rectangular shape }
- B65D 5/2019 ... { with at least partially curved edges or the like }
- B65D 5/2023 .... { the folded-up portions being folded along non-rectilinear fold-lines }
- B65D 5/2028 ... { triangular }
- B65D 5/2033 ... { polygonal having more than four sides, e.g. hexagonal, octagonal }
- B65D 5/2038 .. { at least two opposed folded-up portions having a non-rectangular shape }
- B65D 5/2042 ... { triangular }
- B65D 5/2047 ... { trapezoidal, e.g. to form a body with diverging side walls ( [B65D 5/2033 takes precedence](#) ) }
- B65D 5/2052 .. { characterised by integral closure-flaps }
- B65D 5/2057 ... { Inter-engaging self-locking flaps ( [B65D 5/4254 takes precedence](#) ) }
- B65D 5/2061 .... { of triangular shape }
- B65D 5/2066 ... { Cooperating flaps fixed together by separate mechanical elements, e.g. staples, clips, straps, labels, tape }
- B65D 5/2071 .... { of triangular shape }
- B65D 5/2076 ... { Cooperating flaps glued together }
- B65D 5/208 .... { of triangular shape }
- B65D 5/2085 .. { the central panel having incisions defining foldable flaps hinged to its edges }
- B65D 5/209 .. { the adjacent edges of folded-up portions being joined by moulding seams in situ }
- B65D 5/2095 .. { a part of the folded-up portions defining an inwardly folded ledge at the edges of the central panel }
- B65D 5/22 .. held erect by extensions of one or more sides being doubled-over to enclose extensions of adjacent sides
- B65D 5/24 .. with adjacent sides interconnected by gusset folds
- B65D 5/241 ... { and the gussets folds connected to the inside of the container body ( [B65D 5/247](#) and [B65D 5/248 take precedence](#) ) }
- B65D 5/242 .... { the gussets folds comprising more than two gusset panels }
- B65D 5/243 .... { the container body comprising a continuous rim or flange }
- B65D 5/244 ... { and the gussets folds connected to the outside of the container body ( [B65D 5/247](#) , [B65D 5/248 take precedence](#) ) }
- B65D 5/245 .... { the gussets folds comprising more than two gusset panels }
- B65D 5/246 .... { the container body comprising a continuous rim or flange }
- B65D 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 5/24B takes precedence](#) ) }
- B65D 5/248 ... { and at least one side being extended and doubled-over to enclose the adjacent gusset flaps }
- B65D 5/26 .. with extensions of opposite sides mutually interlocking to lie against other sides
- B65D 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



- B65D 5/30      ..      with tongue-and-slot or like connections between sides and extensions of other sides
- B65D 5/301      ...      { the tongue being a part of a lateral extension of a side wall }
- B65D 5/302      ....      { combined with a slot provided in an adjacent side wall }
- B65D 5/304      .....      { the tongue being folded over after being introduced in the slot }
- B65D 5/305      ....      { combined with a slot provided at the fold line between an adjacent side wall and a lateral extension thereof }
- B65D 5/307      ....      { combined with a tongue provided in an adjacent side wall }
- B65D 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 }
  
- B65D 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 }
- B65D 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 }
- B65D 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 }
- B65D 5/323      ...      { and two further opposed body panels formed from two essentially planar blanks }
- B65D 5/324      ...      { at least two container body parts, each formed by folding a single blank to essentially U-shape }
- B65D 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 }
- B65D 5/326      ..      { at least one container body part formed by folding a single blank to a permanently assembled tube }
- B65D 5/327      ...      { at least two container body parts, each formed by folding a single blank to a permanently assembled tube }
- B65D 5/328      ....      { and the tubular body parts being aligned axially to form a container }
  
- B65D 5/36      .      specially constructed to allow collapsing and re-erecting without disengagement of side or bottom connections
- B65D 5/3607      ..      { formed by folding or erecting a single blank }
- B65D 5/3614      ...      { to form a tubular body, at least one of the ends of the body remaining connected }
- B65D 5/3621      ....      { collapsed along two fold lines of the tubular body }
- B65D 5/3628      ....      { collapsed along median lines of two opposite sides of the rectangular tubular body }
- B65D 5/3635      ...      { by folding-up portions connected to a central panel from all sides to form a container body }
- B65D 5/3642      ....      { the secured corners presenting diagonal, bisecting or similar folding lines, the central panel presenting no folding line }
- B65D 5/365      .....      { the extensions of one or more sides being doubled-over to enclose extensions of adjacent sides }
- B65D 5/3657      .....      { the adjacent sides being interconnected by gusset folds }
- B65D 5/3664      .....      { and at least one side being extended and doubled-over to enclose the adjacent gusset flaps }
- B65D 5/3671      .....      { the sides being connected to extensions of other sides by tongue-and-slot connections }

- B65D 5/3678 . . . . { collapsed along median lines of two opposite sides and the central panel }
- B65D 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 }
- B65D 5/3692 . . { Devices formed separately from container body for holding in erected state, e.g. rubber bands, carton strips }
  
- B65D 5/38 . Drawer-and-shell type containers
  
- B65D 5/40 . specially constructed to contain liquids
  
- B65D 5/42 . Details of containers or of foldable or erectable container blanks
- B65D 5/4204 . . { Inspection openings or windows }
- B65D 5/4208 . . { Means facilitating suspending, lifting, handling, or the like of containers ( [handles B65D 5/46](#) ) }
- B65D 5/4212 . . { Information or decoration elements, e.g. content indicators, or for mailing ( [B65D 5/522 takes precedence](#) ) }
- B65D 5/4216 . . . { Cards, coupons or the like formed integrally with, or printed directly on, the container or lid }
- B65D 5/422 . . . . { as an extra panel or panels folded against or inside the container ( [B65D 5/4237 takes precedence](#) ) }
- B65D 5/4225 . . . . { as an extra panel or panels projecting out of the plane of the container ( [B65D 5/4241 takes precedence](#) ) }
- B65D 5/4229 . . . . { in the form of a detachable panel }
- B65D 5/4233 . . { Cards, coupons, labels or the like formed separately from the container or lid }
- B65D 5/4237 . . . . { located in a compartment formed by a container wall and additional panel or panels formed integrally with the container }
- B65D 5/4241 . . . . { located in a compartment formed by a double-walled panel projecting out of the plane of the container }
- B65D 5/4245 . . . . { Bands covering at least 3 adjacent faces of a container ( [B65D 5/4262 takes precedence](#) ) }
- B65D 5/425 . . { Decoration elements }
- B65D 5/4254 . . . . { formed by two or mating closure panels, e.g. forming a butterfly, bow-tie, etc. }
- B65D 5/4258 . . . . { providing 3-dimensional perspective images by means of two or more spaced apart images }
- B65D 5/4262 . . . . { Bands covering at least 3 adjacent faces of a container provided with a decoration, e.g. bow }
- B65D 5/4266 . . { Folding lines, score lines, crease lines }
- B65D 5/427 . . { Individual packages joined together, e.g. by means of integral tabs ( [B65D 5/5495 takes precedence](#) ) }
- B65D 5/4275 . . { by bonding, adhesive, hook and loop-type fastener or the like }
- B65D 5/4279 . . { Joints, seams, leakproof joints or corners, special connections between panels ( [B65D 5/209 takes precedence](#) ) }
- B65D 5/4283 . . { Connections formed by separate elements, e.g. clips, bands, straps ( [B65D 5/0227](#) , [B65D 5/0236 take precedence](#) ) }
- B65D 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 }

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| B65D 5/4291  | ..    | { Containers provided with an acoustic device, e.g. for indicating opening of the package }  |
| B65D 5/4295  | ..    | { Ventilating arrangements, e.g. openings, space elements }  |
| B65D 5/44    | ..    | Integral, inserted or attached portions forming internal or external fittings { not used, see subgroups }  |
| B65D 5/441   | ...   | { Reinforcements ( linings <a href="#">B65D 5/56</a> ) }   |
| B65D 5/443   | ....  | { Integral reinforcements, e.g. folds, flaps ( double walls <a href="#">B65D 5/02</a> ) }  |
| B65D 5/445   | ....  | { Reinforcements formed separately from the container }  |
| B65D 5/446   | ..... | { Wooden reinforcements }  |
| B65D 5/448   | ..... | { Metal or wire reinforcements }   |
| B65D 5/46    | ...   | Handles  |
| B65D 5/46008 | ....  | { formed separately from the container body }  |
| B65D 5/46016 | ..... | { Straps used as handles fixed to the container by glueing, stapling, heat-sealing ( for packages in wrappers <a href="#">B65D 75/56</a> ) }   |
| B65D 5/46024 | ..... | { Straps used as handles with anchoring elements fixed in slots }  |
| B65D 5/46032 | ..... | { Handles with anchoring elements, e.g. formed by folding a blank ( <a href="#">B65D 5/46064</a> takes precedence; straps <a href="#">B65D 5/46024</a> ) }   |
| B65D 5/4604  | ..... | { not formed by folding a blank }  |
| B65D 5/46048 | ..... | { made of metal wire }   |
| B65D 5/46056 | ..... | { made of cord }   |
| B65D 5/46064 | ..... | { formed by folding a blank serving also as a partition in the container }   |
| B65D 5/46072 | ....  | { integral with the container }  |
| B65D 5/4608  | ..... | { Handgrip holes }   |
| B65D 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 }   |
| B65D 5/46096 | ..... | { two opposite closure flaps being provided with handle elements which are in contact with each other }  |
| B65D 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 }   |
| B65D 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 } |
| B65D 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 }   |
| B65D 5/46128 | ..... | { two opposite closure flaps being provided with handle elements which are in contact with each other }  |
| B65D 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 }   |
| B65D 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 } |
| B65D 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 }                    |
| B65D 5/4616  | ..... | { two opposite closure flaps being provided with handle elements }   |

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|              |       | which are in contact with each other }   |
| B65D 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 }   |
| B65D 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 } |
| B65D 5/46184 | ..... | { formed by extensions of parts of the blank, serving also as a partition in the container }   |
| B65D 5/46192 | ..... | { formed by incisions in the container or blank forming straps used as handles }   |
| B65D 5/48    | ...   | Partitions   |
| B65D 5/48002 | ..... | { integral }   |
| B65D 5/48004 | ..... | { Squaring, i.e. at least four not aligned compartments }  |
| B65D 5/48006 | ..... | { Longitudinal partition provided with cut flaps folded perpendicular to the partition }   |
| B65D 5/48008 | ..... | { formed by folding extensions hinged to the upper or lower edges of a tubular body ( <a href="#">B65D 5/48006</a> takes precedence ) }  |
| B65D 5/4801  | ..... | { formed by folding extensions of side panels of a "cross-like" body blank }   |
| B65D 5/48012 | ..... | { combined with inserted partitions }  |
| B65D 5/48014 | ..... | { formed by folding extensions hinged to the side edges of a tubular body ( <a href="#">B65D 5/48004</a> takes precedence; partition separated by erecting the body <a href="#">B65D 5/48048</a> ) }           |
| B65D 5/48016 | ..... | { formed by folding extensions hinged to the upper or lower edges of a tubular body ( <a href="#">B65D 5/48008</a> takes precedence ) }  |
| B65D 5/48018 | ..... | { formed by folding extensions of side panels of a "cross-like" body blank ( <a href="#">B65D 5/4801</a> takes precedence ) }  |
| B65D 5/4802  | ..... | { formed by folding inwardly portions cut in the body ( <a href="#">B65D 5/48006</a> takes precedence ) }  |
| B65D 5/48022 | ..... | { formed by two parallel panels located in the base of a tray being folded up towards each other }   |
| B65D 5/48024 | ..... | { inserted }   |
| B65D 5/48026 | ..... | { Squaring or like elements, e.g. honeycomb element, i.e. at least four not aligned compartments ( <a href="#">B65D 5/48012</a> takes precedence ) }   |
| B65D 5/48028 | ..... | { formed by folding a single blank ( <a href="#">B65D 5/48034</a> takes precedence ) }   |
| B65D 5/4803  | ..... | { not made of paper, e.g. of moulded plastic }   |
| B65D 5/48032 | ..... | { made of paper, provided with an at least partial bottom }  |
| B65D 5/48034 | ..... | { by folding a single blank }  |
| B65D 5/48036 | ..... | { Longitudinal partition provided with cut flaps folded perpendicular to the partition }   |
| B65D 5/48038 | ..... | { Strips crossing each other }   |
| B65D 5/4804  | ..... | { formed by folding strips essentially in tubes, U- or S-shape }   |
| B65D 5/48042 | ..... | { Strip provided with series of folding lines forming the partitions }   |
| B65D 5/48044 | ..... | { Blank provided with cut flaps folded perpendicular to the blank ( <a href="#">B65D 5/48026</a> takes precedence ) }  |

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| B65D 5/48046 | ..... | { Plain strips not fixed by gluing or other fastening elements ( <a href="#">B65D 5/48048</a> takes precedence ) }   |
| B65D 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 ( <a href="#">B65D 5/4804</a> takes precedence ) }   |
| B65D 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 <a href="#">B65D 5/06</a> ; partitions <a href="#">B65D 5/48</a> )                         |
| B65D 5/5002  | ....  | { Integral elements for containers having tubular body walls }   |
| B65D 5/5004  | ..... | { formed as an extension of the end closures ( hollow or recessed end closures <a href="#">B65D 5/0245</a> ) }   |
| B65D 5/5007  | ..... | { formed by inwardly protruding of folded parts of the body }  |
| B65D 5/5009  | ..... | { in combination with the end closures or extensions thereof }   |
| B65D 5/5011  | ..... | { formed by folding inwardly of extensions hinged to the upper or lower edges of the body }  |
| B65D 5/5014  | ..... | { and with an integral end closure ( <a href="#">B65D 5/5004</a> takes precedence ) }  |
| B65D 5/5016  | ..... | { formed by folding inwardly of extensions hinged to the side edges of the body }  |
| B65D 5/5019  | ..... | { formed by openings in the body walls }   |
| B65D 5/5021  | ....  | { Integral elements for containers formed by folding-up portions connected to a central panel from all sides }   |
| B65D 5/5023  | ....  | { Integral elements for containers of other type, e.g. formed by folding a blank to U-shape }  |
| B65D 5/5026  | ..... | { Hollow frame-like elements surrounding the object }  |
| B65D 5/5028  | ....  | { Elements formed separately from the container body }   |
| B65D 5/503   | ..... | { Tray-like elements formed in one piece ( formed by folding a blank <a href="#">B65D 5/5038</a> ) }   |
| B65D 5/5033  | ..... | { Corner pads or corner posts }  |
| B65D 5/5035  | ..... | { Paper elements ( in combination with wooden elements <a href="#">B65D 5/5095</a> ) }   |
| B65D 5/5038  | ..... | { Tray-like elements formed by folding a blank and presenting openings or recesses ( without external box <a href="#">B65D 71/00E1</a> ; external face of container provided with opening for receiving object in display position <a href="#">B65D 5/5286</a> ) } |
| B65D 5/504   | ..... | { Racks having upstanding ridges formed by folds, and provided with slits or recesses }  |
| B65D 5/5042  | ..... | { Hollow tubular elements provided with slits or openings }  |
| B65D 5/5045  | ..... | { Tubular lining and supporting elements }   |
| B65D 5/5047  | ..... | { Blocks }   |
| B65D 5/505   | ..... | { formed by folding up one or more blanks to form a hollow block }   |
| B65D 5/5052  | ..... | { and provided with slits or recesses in which at least a part of the contents are located ( <a href="#">B65D 5/504</a> takes precedence ) }   |
| B65D 5/5054  | ..... | { formed by a plurality of layers contacting each other, e.g. multiple layers of corrugated cardboard }  |
| B65D 5/5057  | ..... | { and provided with slits or recesses in which at least a part of the contents are located }   |
| B65D 5/5059  | ..... | { Paper panels presenting one or more openings or recesses in which at least a part of the contents are located ( <a href="#">B65D 5/5038</a> , <a href="#">B65D 5/5052</a> , <a href="#">B65D 5/5057</a> and <a href="#">B65D 5/5286</a> take precedence ) }      |

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| B65D 5/5061 | ..... | { the openings or recesses being located in different panels of a single blank ( <a href="#">B65D 5/5066</a> takes precedence ) }   |
| B65D 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 ( <a href="#">B65D 5/504</a> and <a href="#">B65D 5/5052</a> takes precedence ) } |
| B65D 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 }   |
| B65D 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 }  |
| B65D 5/5071 | ..... | { each capping element being formed by assembling two or more blanks }  |
| B65D 5/5073 | ..... | { U-shaped elements supporting the articles locally at their sides }  |
| B65D 5/5076 | ..... | { U-shaped elements supporting the articles along substantially their whole length, e.g. a cradle ( <a href="#">B65D 5/508</a> takes precedence ) }   |
| B65D 5/5078 | ..... | { Pockets whereby the articles are inserted into the pockets, e.g. inverted U-shaped elements ( <a href="#">B65D 5/508</a> takes precedence ) }   |
| B65D 5/508  | ..... | { Combination of U-shaped and inverted U-shaped elements }  |
| B65D 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 }   |
| B65D 5/5085 | ..... | { the elements forming grooves, ribs, or the like, situated on opposed walls and between which the articles are located ( for rigid containers <a href="#">B65D 25/107</a> ) }                                  |
| B65D 5/5088 | ..... | { Plastic elements ( trays <a href="#">B65D 5/503</a> ) }   |
| B65D 5/509  | ..... | { Foam plastic elements }   |
| B65D 5/5092 | ..... | { Wooden elements }   |
| B65D 5/5095 | ..... | { Wooden elements in combination with paper elements }  |
| B65D 5/5097 | ..... | { Central hubs or shafts }  |
| B65D 5/52   | ...   | External stands or display elements for contents { ( adjustable or foldable display stands made of cardboard, paper or the like, without packaging function <a href="#">A47F 5/11</a> ) }                       |
| B65D 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 }  |
| B65D 5/5213 | ....  | { Internal elements supporting the contents and movable for displaying them, e.g. movable bottoms or trays }  |
| B65D 5/522  | ....  | { Containers provided with decoration or information elements which are displaced to display the contents }   |
| B65D 5/5226 | ..... | { formed integrally with the container or lid ( <a href="#">B65D 5/526</a> takes precedence ) }   |
| B65D 5/5233 | ..... | { Display panels located within the upper surface of the container and being raised to simultaneously provide a dispensing opening }  |
| B65D 5/524  | ..... | { the panel in the raised position being folded about itself }  |
| B65D 5/5246 | ..... | { formed separately from the container or lid }   |
| B65D 5/5253 | ....  | { Containers initially closed but folded about a central axis to display the contents in two or more cells }  |
| B65D 5/526  | ....  | { Containers with means for displaying items at different heights }   |
| B65D 5/5266 | ..... | { in tiered or stepped relationship ( <a href="#">B65D 5/5206</a> takes precedence ) }  |



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| B65D 5/5273 | ....  | { Containers provided with an inclined surface on which the contents are located ( <a href="#">B65D 5/5213</a> , <a href="#">B65D 5/5266</a> take precedence ) }   |
| B65D 5/528  | ....  | { Contents attached to or resting on the external surface of the container }   |
| B65D 5/5286 | ..... | { the container being provided with an opening or weakened area in which an item is inserted }   |
| B65D 5/5293 | ..... | { the container being provided with U- or V-shaped racks on which the items rest }   |
| B65D 5/54   | ..    | Lines of weakness to facilitate opening of container or dividing it into separate parts by cutting or tearing ( { <a href="#">B65D 5/06</a> , <a href="#">B65D 5/5233</a> , <a href="#">B65D 5/5253</a> take precedence } ; break-in flaps, or members adapted to be torn-off, to provide pouring openings <a href="#">B65D 5/70</a> ) |
| B65D 5/5405 | ...   | { for opening containers formed by erecting a blank in tubular form }  |
| B65D 5/541  | ....  | { the lines of weakness being provided in one or more closure flaps }  |
| B65D 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 }  |
| B65D 5/542  | ....  | { the lines of weakness being provided in the container body }   |
| B65D 5/5425 | ..... | { and defining after rupture a lid hinged to the upper edge of the container body }  |
| B65D 5/543  | ..... | { the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction }   |
| B65D 5/5435 | ..... | { and defining after rupture a lid hinged to the side edge of the container body }   |
| B65D 5/544  | ..... | { and defining after rupture a lid hinged about a line located in the top surface of the container }   |
| B65D 5/5445 | ...   | { for dividing a tubular body into separate parts }  |
| B65D 5/545  | ...   | { for opening containers formed by erecting a "cross-like" blank }   |
| B65D 5/5455 | ....  | { the lines of weakness being provided in a closure hinged to an edge of the container body }  |
| B65D 5/546  | ....  | { the lines of weakness being provided in an extension panel or tab of a hinged closure }  |
| B65D 5/5465 | ....  | { the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction }   |
| B65D 5/547  | ....  | { and defining after rupture a lid hinged about a line located in the top surface of the container }   |
| B65D 5/5475 | ...   | { for dividing a "cross-like" container body into separate parts }   |
| B65D 5/548  | ...   | { for opening containers formed by erecting a blank to U-shape }   |
| B65D 5/5485 | ....  | { the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction }   |
| B65D 5/549  | ....  | { and defining after rupture a lid hinged about a line located in the top surface of the container }   |
| B65D 5/5495 | ...   | { for separating interconnected containers }   |
| B65D 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 <a href="#">B65D 81/127</a> )   |
| B65D 5/563  | ...   | { Laminated linings; Coatings }  |
| B65D 5/566  | ...   | { Linings made of relatively rigid sheet material, e.g. carton ( <a href="#">B65D 5/0281</a> and <a href="#">B65D 5/58</a> takes precedence; combined with a flexible lining <a href="#">B65D 5/56</a> , <a href="#">B65D 5/60</a> ; for thermal insulating purposes <a href="#">B65D 81/3858</a> ; for shock                          |

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|                             |       | absorbing purposes <a href="#">B65D 81/1275</a> ) }   |
| <a href="#">B65D 5/58</a>   | ...   | Linings spaced appreciably from container wall { ( for thermal insulating purposes <a href="#">B65D 81/3853</a> ) }   |
| <a href="#">B65D 5/60</a>   | ...   | Loose, { or loosely attached } , linings { ( made only of relatively rigid sheet material <a href="#">B65D 5/566</a> ) }  |
| <a href="#">B65D 5/603</a>  | ....  | { Flexible linings loosely glued to the wall of the container ( <a href="#">B65D 5/0272</a> takes precedence ) }  |
| <a href="#">B65D 5/606</a>  | ..... | { Bags or bag-like tubes loosely glued to the wall of a "tubular" container }   |
| <a href="#">B65D 5/62</a>   | ..    | External coverings or coatings { ( <a href="#">B65D 5/4245</a> , <a href="#">B65D 5/4262</a> take precedence ) }  |
| <a href="#">B65D 5/64</a>   | ..    | Lids  |
| <a href="#">B65D 5/643</a>  | ...   | { held in closed position by application of separate elements, e.g. clips, straps ( <a href="#">B65D 5/6611</a> , <a href="#">B65D 5/6673</a> take precedence ) }                                 |
| <a href="#">B65D 5/646</a>  | ...   | { comprising a slidable panel or wall ( <a href="#">B65D 5/723</a> takes precedence ) }   |
| <a href="#">B65D 5/66</a>   | ...   | Hinged lids ( { <a href="#">B65D 5/325</a> } takes precedence )   |
| <a href="#">B65D 5/6602</a> | ....  | { formed by folding one or more extensions hinged to the upper edge of a tubular container body }   |
| <a href="#">B65D 5/6605</a> | ..... | { the lid being formed by two mating halves joined to opposite edges of the container body }  |
| <a href="#">B65D 5/6608</a> | ..... | { the lid being held in closed position by self-locking integral flaps }  |
| <a href="#">B65D 5/6611</a> | ..... | { the lid being held in closed position by application of separate elements, e.g. clips, hooks, elastics }  |
| <a href="#">B65D 5/6614</a> | ..... | { with means for retaining the lid in open position }   |
| <a href="#">B65D 5/6617</a> | ..... | { the container body sliding in an outer sleeve ( <a href="#">B65D 85/1054</a> takes precedence ) }   |
| <a href="#">B65D 5/662</a>  | ..... | { the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction }  |
| <a href="#">B65D 5/6623</a> | ..... | { the lid being hinged about a line located in the top surface of the container }   |
| <a href="#">B65D 5/6626</a> | ....  | { formed by folding extensions of a side panel of a container body formed by erecting a "cross-like" blank }  |
| <a href="#">B65D 5/6629</a> | ..... | { the lid being formed by two mating halves joined to opposite edges of the container body }  |
| <a href="#">B65D 5/6632</a> | ..... | { the lid-halves being held in closed position by flaps or tabs provided at their side edges only ( <a href="#">B65D 5/6644</a> , <a href="#">B65D 5/6647</a> take precedence ) }                 |
| <a href="#">B65D 5/6635</a> | ..... | { the lid-halves being held in closed position by flaps or tabs provided at their edge opposite to their hinge ( <a href="#">B65D 5/6644</a> , <a href="#">B65D 5/6647</a> take precedence ) }    |
| <a href="#">B65D 5/6638</a> | ..... | { combined with flaps or tabs provided at the side edges of the lid-halves }  |
| <a href="#">B65D 5/6641</a> | ..... | { and connected to one another in order to form an uninterrupted flange }   |
| <a href="#">B65D 5/6644</a> | ..... | { 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 } |
| <a href="#">B65D 5/6647</a> | ..... | { the lid-halves being held in closed position by application of separate elements, e.g. clips, hooks, cords }  |
| <a href="#">B65D 5/665</a>  | ..... | { the lid being held in closed position by self-locking integral flaps or tabs }  |

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|-------------|-------|--|
| B65D 5/6652 | ..... | { Flaps or tabs provided at the side edges of the lid }  |
| B65D 5/6655 | ..... | { Local flaps or tabs provided at the lid edge opposite to the hinge }   |
| B65D 5/6658 | ..... | { combined with flaps or tabs provided at the side edges of the lid }  |
| B65D 5/6661 | ..... | { Flaps provided over the total length of the lid edge opposite to the hinge }   |
| B65D 5/6664 | ..... | { combined with flaps or tabs provided at the side edges of the lid }  |
| B65D 5/6667 | ..... | { and connected to one another in order to form an uninterrupted telescoping flange ( <a href="#">B65D 5/667</a> takes precedence ) }                    |
| B65D 5/667  | ..... | { Lids in the form of an inverted tray }   |
| B65D 5/6673 | ..... | { the lid being held in closed position by application of separate elements, e.g. clips, hooks, cords ( <a href="#">B65D 5/6647</a> takes precedence ) } |
| B65D 5/6676 | ..... | { with means for retaining the lid in open position }  |
| B65D 5/6679 | ..... | { the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction }                           |
| B65D 5/6682 | ..... | { the lid being hinged about a line located in the top surface of the container }  |
| B65D 5/6685 | ....  | { formed by extensions hinged to the upper edge of a container body formed by erecting a blank to U-shape }  |
| B65D 5/6688 | ..... | { the container body sliding in an outer sleeve ( <a href="#">B65D 85/1054</a> takes precedence ) }  |
| B65D 5/6691 | ..... | { the container being provided with an internal frame or the like for maintaining the lid in the closed position by friction }                           |
| B65D 5/6694 | ..... | { the lid being hinged about a line located in the top surface of the container }  |
| B65D 5/6697 | ....  | { Separate lids attached to the container body by a hinge element }  |
| B65D 5/68   | ...   | Telescope flanged lids   |
| B65D 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 }               |
| B65D 5/70   | ..    | Break-in flaps, or members adapted to be torn-off, to provide pouring openings ( <a href="#">B65D 5/74</a> takes precedence )                            |
| B65D 5/701  | ...   | { Tearable flaps defined by score-lines or incisions provided in the closure flaps of a tubular container made of a single blank }                       |
| B65D 5/703  | ....  | { the score-lines or incisions extending in the body of the tubular container }  |
| B65D 5/705  | ...   | { Tearable flaps defined by score-lines or incisions provided in the body of a tubular container made of a single blank }                                |
| B65D 5/706  | ...   | { Tearable flaps defined by score-lines or incisions provided in a separate end closure of a tubular container }   |
| B65D 5/708  | ...   | { Separate tearable flexible elements covering a discharge opening of a container, e.g. adhesive tape }  |
| B65D 5/72   | ..    | Contents-dispensing means  |
| B65D 5/721  | ...   | { consisting of mobile elements forming part of the containers or attached to the containers }   |
| B65D 5/722  | ....  | { having an alternating movement co-operating with incised or scored openings near the bottom-edges of the bodies of tubular containers }                |
| B65D 5/723  | ....  | { Sliding elements for covering and uncovering discharge openings of containers, e.g. slide-closures }   |
| B65D 5/724  | ...   | { Internal fittings facilitating the discharge of contents, e.g. guiding panels,   |

|                  |       |  |
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|                  |       | movable bottoms or lifting strips }  |
| B65D 5/725       | ...   | { Incised or pre-scored openings or windows provided in the side wall of containers }  |
| B65D 5/726       | ...   | { Means for discharging contents through the bottom of containers }  |
| B65D 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 }  |
| B65D 5/728       | ...   | { for drawer-and-shell-type containers }   |
| B65D 5/74        | ...   | Spouts   |
| B65D 5/741       | ....  | { for containers having a tubular body ( <a href="#">B65D 5/746</a> takes precedence ) }   |
| B65D 5/742       | ..... | { Spouts formed by deforming or tearing the closure flaps or severed or incised parts of the closure flaps ( <a href="#">B65D 5/06</a> takes precedence ) }  |
| B65D 5/743       | ..... | { Spouts formed by deforming or tearing scored or incised parts of the side-wall of containers }   |
| B65D 5/744       | ..... | { combined with swivelling devices having a bottom-wall and two side-walls }   |
| B65D 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 }  |
| B65D 5/746       | ....  | { Spouts formed separately from the container }  |
| B65D 5/747       | ..... | { with means for piercing or cutting the container wall or a membrane connected to said wall }   |
| B65D 5/748       | ..... | { a major part of the container wall or membrane being left inside the container after the opening }   |
| B65D 5/749       | ..... | { a major part of the container wall or membrane being removed from the container after the opening }  |
| B65D 5/76        | ...   | for discharging metered quantities   |
| <b>B65D 7/00</b> |       | <b>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 <a href="#">B65D 17/00</a> ; pallets <a href="#">B65D 19/00</a> ; tanks for domestic water storage heaters <a href="#">F24H 1/181</a> )</b> |
| B65D 7/02        | .     | characterised by shape   |
| B65D 7/04        | ..    | of curved cross-section, e.g. cans of circular or elliptical cross-section { ( <a href="#">thermally insulated B65D 81/3813</a> , <a href="#">B65D 81/3837</a> ) }   |
| B65D 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 ( <a href="#">thermally insulated barrels, B65D 81/3802</a> ) }   |
| B65D 7/06        | ..    | of polygonal cross-section, e.g. tins, boxes   |
| B65D 7/065       | ...   | { with partitions or compartments }  |
| B65D 7/08        | ...   | Trays or like containers without lids  |
| B65D 7/10        | ...   | of drawer-and-shell type   |
| B65D 7/12        | .     | characterised by wall construction or by connections between walls   |
| B65D 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   |
| B65D 7/16        | ...   | made of apertured or perforated sheet metal components   |
| B65D 7/18        | ...   | made up of interconnected spaced bands   |

- B65D 7/20 . . . made of wire
- B65D 7/22 . . with double walls, e.g. double end walls { ( for thermal insulating purposes [B65D 81/3806](#) , [B65D 81/3818](#) , [B65D 81/383](#) ) }
- B65D 7/24 . . collapsible, e.g. with all parts detachable
- B65D 7/26 . . . with all parts hinged together
- B65D 7/28 . . . with some parts detachable and other parts hinged together
- B65D 7/30 . . . Fastening devices for holding collapsible containers in erected state, e.g. integral with container walls
- B65D 7/32 . . . . separate from container walls
- B65D 7/34 . . with permanent connections between walls ( permanent connections between walls for closing containers after filling [B65D 17/06](#) )
- B65D 7/36 . . . formed by rolling, or by rolling and pressing
- B65D 7/38 . . . formed by soldering, welding, or otherwise uniting opposed surfaces
- B65D 7/40 . . with walls formed with filling or emptying apertures
- B65D 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](#) )
- B65D 7/44 . . Reinforcing or strengthening parts or members
- B65D 7/46 . . . Corrugations
- B65D 7/48 . . Local reinforcements, e.g. adjacent closures
- B65D 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**
- B65D 9/02 . Containers of curved cross-section, e.g. cylindrical boxes { ( thermally insulated [B65D 81/3813](#) , [B65D 81/3837](#) ) }
- B65D 9/04 . . made up of staves, e.g. barrels for liquids { ( thermally insulated barrels, [B65D 81/3802](#) ) }
- B65D 9/06 . Boxes or crates of polygonal cross-section
- B65D 9/08 . . of drawer-and-shell type
- B65D 9/10 . Baskets or like containers made in interwoven or intermeshing flexible wooden material or by attaching thin wooden strips to a supporting framework
- B65D 9/12 . collapsible, e.g. with all parts detachable
- B65D 9/14 . . with all parts hinged together
- B65D 9/16 . . . wire-bound boxes
- B65D 9/18 . . with some parts detachable and other parts hinged together
- B65D 9/20 . . . wire-bound boxes
- B65D 9/22 . . Fastening devices for holding collapsible containers in erected state, e.g. integral with container walls
- B65D 9/24 . . . separate from container walls
- B65D 9/26 . with double end walls, e.g. double bottoms { ( for thermal insulating purposes [B65D 81/3806](#) , [B65D 81/3818](#) , [B65D 81/383](#) ) }

- B65D 9/28 . . with bottoms movable under influence of contents
- B65D 9/30 . Applications of laminates as wall material, e.g. plywood
- B65D 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](#) )
- B65D 9/34 . . Joints ; Local reinforcements
- B65D 9/36 . . . Battens
- B65D 9/38 . . . Metal bands or strips
  
- B65D 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](#) )**
  
- B65D 11/02 . of curved cross-section { ( thermally insulated [B65D 81/3813](#) ) }
- B65D 11/04 . . Bottles or similar containers with necks or like restricted apertures designed for pouring contents { ( thermally insulated [B65D 81/3837](#) ) }
- B65D 11/06 . . Drums or barrels { ( thermally insulated [B65D 81/3802](#) ) }
- B65D 11/08 . . . Arrangements of filling or discharging apertures
  
- B65D 11/10 . of polygonal cross-section { and all parts being permanently connected to each other ( [B65D 11/18](#) takes precedence ) }
- B65D 11/105 . . { the container being formed by two mating U-shaped halves connected to each other after a rotation of 90 degrees }
- B65D 11/12 . . of drawer-and-shell type
  
- B65D 11/14 . of skeleton or apertured construction, e.g. baskets or carriers made up of interconnected spaced bands, rods, or strips
  
- B65D 11/16 . with double walls
  
- B65D 11/18 . collapsible, i.e. with walls hinged together or detachably connected
- B65D 11/1806 . . { comprising two side walls hinged to a base panel and two other side walls being extensions hinged to said side walls }
- B65D 11/1813 . . . { and one or more side walls being foldable along a median line }
- B65D 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 }
- B65D 11/1826 . . . { and one or more side walls being foldable along a median line }
- B65D 11/1833 . . { whereby all side walls are hingedly connected to the base panel ( [B65D 11/186](#) takes precedence ) }
- B65D 11/184 . . . { and one or more side walls being foldable along a median line }
- B65D 11/1846 . . { whereby all side walls are hingedly connected to each other ( [B65D 11/186](#) takes precedence ) }
- B65D 11/1853 . . . { and one or more side walls being foldable along a median line }
- B65D 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 }



- B65D 11/1866 . . { with detachable components ( [B65D 11/1893](#) takes precedence ) }
- B65D 11/1873 . . . { all walls are detached from each other to collapse the container }
- B65D 11/188 . . . { the container being formed by two mating halves }
- B65D 11/1886 . . . . { the two mating halves being U-shaped and connected to each other after a rotation of 90 degrees }
- B65D 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 }
  
- B65D 11/20 . Details of walls made of plastics material
- B65D 11/22 . . Reinforcing for strengthening parts of members
- B65D 11/24 . . . Corrugations
- B65D 11/26 . . . Local reinforcements, e.g. adjacent to closures
- B65D 11/28 . . . Metal reinforcements, e.g. metal frames
  
- B65D 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](#) )**
  
- B65D 13/02 . of glass, pottery, or other ceramic material
- B65D 13/04 . of paper ( [by winding, bending, or folding paper B65D 3/00](#) , [B65D 5/00](#) )
  
- B65D 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](#) )**
  
- B65D 15/02 . of curved, or partially curved, cross-section, e.g. cans, drums
- B65D 15/04 . . with curved, or partially curved, walls made by winding or bending paper
- B65D 15/06 . . . with end walls made of metal
- B65D 15/08 . . . with end walls made of plastics material
- B65D 15/10 . . with curved, or partially curved, walls made of metal
- B65D 15/12 . . . with end walls made of paper
- B65D 15/14 . . . with end walls made of plastics material
- B65D 15/16 . . with curved, or partially curved, walls made of plastics material
- B65D 15/18 . . . with end walls made of metal
- B65D 15/20 . . . with end walls made of paper
  
- B65D 15/22 . of polygonal cross-section
- B65D 15/24 . Connections between walls
  
- B65D 17/00** **Containers specially constructed to be opened by cutting or piercing, or by tearing of frangible member or portion ( [opening devices for containers made by winding, bending, or folding paper B65D 3/00](#) , [B65D 5/00](#) ; [frangible inner closure members associated with caps, lids, or covers B65D 51/20](#) ; [opening devices added or incorporated during filling or closing of containers B65D 77/30](#) ; [separate devices for opening closed containers B67B 7/00](#) )**

- B65D 17/02 . of curved cross-section, e.g. cans of circular or elliptical cross-section
- B65D 17/04 . of polygonal cross-section
- B65D 17/06 . Integral, or permanently secured, end or side closures
- B65D 17/08 . . Closures secured by folding or rolling and pressing
- B65D 17/10 . . . with interposed packing rings
- B65D 17/12 . . Closures secured by soldering, welding, or otherwise uniting opposed surfaces
- B65D 17/14 . . . by cold or hot pressing of plastic sealing material
- B65D 17/16 . Opening arrangements or devices incorporated in or attached to, containers { ( [B65D 17/50](#) takes precedence ) }
- B65D 17/161 . . { for tearing along a line or from a point of weakness provided in an end wall }
- B65D 17/163 . . . { for opening completely by means of a tearing tab }
- B65D 17/165 . . . { for opening partially by means of a tearing tab }
- B65D 17/166 . . . . { and provided with attached means for reclosing or resealing }
- B65D 17/168 . . { for tearing along a line or from a point of weakness provided in the side wall ( [B65D 17/20](#) takes precedence ) }
- B65D 17/18 . . Attached can-cutting devices
- B65D 17/20 . . Tearing-strips or -wires
- B65D 17/22 . . . with tongues or tags for engagement by slotted keys
- B65D 17/24 . . Lines of weakness
- B65D 17/26 . . Attachments of slotted keys to preserving cans or tins
- B65D 17/50 . Non-integral frangible members applied to, or inserted in, a preformed opening, e.g. tearable strips, plastic plugs
- B65D 17/501 . . { Flexible tape or foil-like material }
- B65D 17/502 . . . { applied to the external part of the container wall only ( [B65D 17/505](#) takes precedence ) }
- B65D 17/503 . . . { applied to the internal part of the container wall only ( [B65D 17/505](#) takes precedence ) }
- B65D 17/505 . . . { applied to the external and internal part of the container wall }
- B65D 17/506 . . { Rigid or semi-rigid members, e.g. plugs }
- B65D 17/507 . . . { moulded in situ, e.g. during production of container }
- B65D 17/508 . . . . { and combined with a rigid or semi-rigid, e.g. metallic sheet and a moulded plastic body }
- B65D 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](#) )**
- B65D 19/0002 . { Platforms, i.e. load supporting devices without provision for handling by a forklift }

**WARNING**

Group [B65D 19/0002](#) and subgroups are not yet complete. See also [B65D 19/22](#) and subgroups

B65D 19/0004 . { Rigid pallets without side walls }

### **WARNING**

Group [B65D 19/0004](#) and subgroups are not yet complete. See also [B65D 19/22](#) and subgroups

|              |       |   |
|--------------|-------|---|
| B65D 19/0006 | ..    | { the load supporting surface being made of a single element }      |
| B65D 19/0008 | ...   | { forming a continuous plane contact surface }                      |
| B65D 19/001  | ....  | { the base surface being made of a single element }                 |
| B65D 19/0012 | ..... | { forming a continuous plane contact surface }                      |
| B65D 19/0014 | ..... | { forming discontinuous or non-planar contact surfaces }            |
| B65D 19/0016 | ..... | { and each contact surface having a stringer-like shape }           |
| B65D 19/0018 | ..... | { and each contact surface having a discrete foot-like shape }      |
| B65D 19/002  | ....  | { the base surface being made of more than one element }            |
| B65D 19/0022 | ..... | { forming a continuous plane contact surface }                      |
| B65D 19/0024 | ..... | { forming discontinuous or non-planar contact surfaces }            |
| B65D 19/0026 | ..... | { and each contact surface having a stringer-like shape }           |
| B65D 19/0028 | ..... | { and each contact surface having a discrete foot-like shape }      |
| B65D 19/003  | ...   | { forming discontinuous or non-planar contact surfaces }            |
| B65D 19/0032 | ....  | { the base surface being made of a single element }                 |
| B65D 19/0034 | ..... | { forming a continuous plane contact surface }                      |
| B65D 19/0036 | ..... | { forming discontinuous or non-planar contact surfaces }            |
| B65D 19/0038 | ..... | { and each contact surface having a stringer-like shape }           |
| B65D 19/004  | ..... | { and each contact surface having a discrete foot-like shape }      |
| B65D 19/0042 | ....  | { the base surface being made of more than one element }            |
| B65D 19/0044 | ..... | { forming a continuous plane contact surface }                      |
| B65D 19/0046 | ..... | { forming discontinuous or non-planar contact surfaces }            |
| B65D 19/0048 | ..... | { and each contact surface having a stringer-like shape }           |
| B65D 19/0051 | ..... | { and each contact surface having a discrete foot-like shape }      |
| B65D 19/0053 | ..    | { the load supporting surface being made of more than one element } |
| B65D 19/0055 | ...   | { forming a continuous plane contact surface }                      |
| B65D 19/0057 | ....  | { the base surface being made of a single element }                 |
| B65D 19/0059 | ..... | { forming a continuous plane contact surface }                      |
| B65D 19/0061 | ..... | { forming discontinuous or non-planar contact surfaces }            |
| B65D 19/0063 | ..... | { and each contact surface having a stringer-like shape }           |
| B65D 19/0065 | ..... | { and each contact surface having a discrete foot-like shape }      |
| B65D 19/0067 | ....  | { the base surface being made of more than one element }            |
| B65D 19/0069 | ..... | { forming a continuous plane contact surface }                      |
| B65D 19/0071 | ..... | { forming discontinuous or non-planar contact surfaces }            |
| B65D 19/0073 | ..... | { and each contact surface having a stringer-like shape }           |

- B65D 19/0075 ..... { and each contact surface having a discrete foot-like shape }
- B65D 19/0077 ... { forming discontinuous or non-planar contact surfaces }
- B65D 19/0079 .... { the base surface being made of a single element }
- B65D 19/0081 ..... { forming a continuous plane contact surface }
- B65D 19/0083 ..... { forming discontinuous or non-planar contact surfaces }
- B65D 19/0085 ..... { each contact surface having a stringer-like shape }
- B65D 19/0087 ..... { each contact surface having a discrete foot-like shape }
- B65D 19/0089 .... { the base surface being made of more than one element }
- B65D 19/0091 ..... { forming a continuous plane contact surface }
- B65D 19/0093 ..... { forming discontinuous or non-planar contact surfaces }
- B65D 19/0095 ..... { and each contact surface having a stringer-like shape }
- B65D 19/0097 ..... { and each contact surface having a discrete foot-like shape }
  
- B65D 19/02 . Rigid pallets with side walls, e.g. box pallets
- B65D 19/04 .. with bodies moulded or otherwise fabricated in one piece
- B65D 19/06 .. with bodies formed by uniting or interconnecting two or more components
- B65D 19/08 ... made wholly or mainly of metal
- B65D 19/10 .... of skeleton construction, e.g. made of wire
- B65D 19/12 .... Collapsible pallets
- B65D 19/14 ... made wholly or mainly of wood
- B65D 19/16 .... Collapsible pallets
- B65D 19/18 ... made wholly or mainly of plastics material
- B65D 19/20 ... made wholly or mainly of paper
  
- B65D 19/36 . Pallets comprising a flexible load carrier extending between guide elements, e.g. guide tubes
  
- B65D 19/38 . Details or accessories
- B65D 19/385 .. { Frames, corner posts or pallet converters, e.g. for facilitating stacking of charged pallets }
- B65D 19/40 .. Elements for spacing platforms from supporting surface
- B65D 19/42 ... Arrangements or applications of rollers or wheels
- B65D 19/44 .. Elements or devices for locating articles on platforms
  
- B65D 21/00** **Nestable, stackable, or joinable containers ; Containers of variable capacity ( large containers [B65D 88/00](#) ; { containers for display purposes [A47B 87/0276](#) } )**
  
- B65D 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 \[B65D 5/001\]\(#\)](#) ) }
- B65D 21/0201 .. { [stackable or joined together side-by-side](#) }
- B65D 21/0202 ... { and loosely interengaged by integral complementary shapes }
- B65D 21/0204 ... { and joined together by interconnecting formations forming part of the container, e.g. dove-tail, snap connections, hook elements }
- B65D 21/0205 ... { joined together by bonding, adhesive or the like ( [B65D 21/0208](#) takes

|              |      |   |
|--------------|------|---|
|              |      | precedence ) }  |
| B65D 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 <a href="#">B65D 1/30</a> ) }   |
| B65D 21/0208 | .... | { by bonding, adhesive, hook and loop-type fastener or the like }   |
| B65D 21/0209 | ..   | { stackable or joined together one-upon-the-other in the upright or upside-down position ( <a href="#">B65D 21/0234</a> , <a href="#">B65D 21/0235</a> take precedence ) }  |
| B65D 21/0211 | ...  | { Wire-mesh containers }  |
| B65D 21/0212 | ...  | { Containers presenting local stacking elements protruding from the upper or lower edge of a side wall, e.g. handles, lugs, ribs, grooves ( <a href="#">B65D 21/0211</a> , <a href="#">B65D 21/0215</a> , <a href="#">B65D 21/023</a> take precedence ) }     |
| B65D 21/0213 | ...  | { Containers presenting a continuous stacking profile along the upper or lower edge of at least two opposite side walls }   |
| B65D 21/0215 | ...  | { Containers with stacking feet or corner elements ( <a href="#">B65D 21/0211</a> , <a href="#">B65D 21/023</a> take precedence ) }   |
| B65D 21/0216 | ...  | { Containers with stacking ribs in the side walls }   |
| B65D 21/0217 | ...  | { Containers with a closure presenting stacking elements ( <a href="#">B65D 21/064</a> takes precedence ) }   |
| B65D 21/0219 | .... | { the closure presenting projecting peripheral elements receiving or surrounding the bottom or peripheral elements projecting from the bottom of a superimposed container ( <a href="#">B65D 21/0222</a> and <a href="#">B65D 21/0223</a> take precedence ) } |
| B65D 21/022  | .... | { the bottom presenting projecting peripheral elements receiving or surrounding the closure or peripheral elements projecting therefrom ( <a href="#">B65D 21/0222</a> and <a href="#">B65D 21/0223</a> take precedence ) }                                   |
| B65D 21/0222 | .... | { the closure and the bottom presenting co-operating peripheral ribs and grooves }  |
| B65D 21/0223 | .... | { the closure and the bottom presenting local co-operating elements, e.g. projections and recesses ( <a href="#">B65D 21/0222</a> takes precedence ) }  |
| B65D 21/0224 | ...  | { Auxiliary removable stacking elements other than covers }   |
| B65D 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 <a href="#">B65D 21/06</a> ) }                                 |
| B65D 21/0227 | ...  | { Containers joined together by bonding, adhesive or the like }   |
| B65D 21/0228 | ...  | { Containers joined together by screw-, bayonet-, snap-fit or the like, ( <a href="#">B65D 21/0211</a> , <a href="#">B65D 21/0231</a> take precedence ) }   |
| B65D 21/023  | ...  | { Closed containers provided with local cooperating elements in the top and bottom surfaces, e.g. projection and recess ( <a href="#">B65D 21/0223</a> takes precedence ) }   |
| B65D 21/0231 | .... | { Bottles, canisters or jars whereby the neck or handle project into a cooperating cavity in the bottom ( <a href="#">B65D 81/361</a> takes precedence ) }  |
| B65D 21/0233 | ..   | { Nestable containers }   |
| B65D 21/0234 | ..   | { Nestable or stackable container parts forming a receptacle when one part is inverted upon the other }   |
| B65D 21/0235 | ..   | { Containers stackable in a staggered configuration }   |
| B65D 21/0237 | ..   | { Rigid or semi-rigid containers provided with a recess on their external surface for accommodating a smaller container }   |
| B65D 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 }   |

- B65D 21/04      ..      Open-ended containers shaped to be nested when empty and to be superposed when full
- B65D 21/041      ...      { Identical multi-level containers, i.e. having at least three levels }
- B65D 21/043      ...      { Identical stackable containers specially adapted for nesting after rotation around a vertical axis ( [B65D 21/041](#) takes precedence ) }
- B65D 21/045      ....      { about 180° only }
- B65D 21/046      ....      { about 90° ( staggered configuration [B65D 21/0235](#) ) }
- B65D 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 ) }
- B65D 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](#) ) }
- B65D 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](#) ) }
- B65D 21/064      ...      { the movable parts being an attached or integral cover made of one or two pieces }
- B65D 21/066      ...      { the movable parts being supports or feet, e.g. retractable feet, pivotable supports }
- B65D 21/068      ...      { the movable parts consisting of walls or parts thereof, i.e. deformable containers }
- B65D 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](#) } )
- B65D 21/083      ..      { by means of additional elements, e.g. modular }
- B65D 21/086      ..      { Collapsible or telescopic containers ( [B65D 1/0292](#) and [B65D 21/068](#) take precedence ) }

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

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

- B65D 23/001      .      { Supporting means fixed to the container }
- B65D 23/003      .      { Suspension means }
- B65D 23/005      ..      { in the form of a label hanger }
- B65D 23/006      .      { Means for indicating refilling of the container }
- B65D 23/008      ..      { by means of a label, e.g. tearable, light sensitive }
- B65D 23/02      .      Linings or internal coatings
- B65D 23/04      .      Means for mixing or for promoting flow of contents ( hydro-dynamic means for influencing the flow of liquids [F15D](#) )
- B65D 23/06      .      Integral drip catchers or drip-preventing means



- B65D 23/065 .. { Loose or loosely-attached drip catchers or drip preventing means }
- B65D 23/08 . Coverings or external coatings ( wrappers [B65D 65/00](#) )
- B65D 23/0807 .. { Coatings }
- B65D 23/0814 ... { characterised by the composition of the material }
- B65D 23/0821 .... { consisting mainly of polymeric materials ( [B65D 23/0828](#) takes precedence ) }
- B65D 23/0828 .... { consisting mainly of paints or lacquers }
- B65D 23/0835 .... { consisting mainly of metallic compounds }
- B65D 23/0842 .. { Sheets or tubes applied around the bottle with or without subsequent folding operations }
- B65D 23/085 ... { and glued or otherwise sealed to the bottle ( [B65D 23/0857](#) , [B65N 23/08D3](#) , [B65D 23/0871](#) take precedence ) }
- B65D 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 ) }
- B65D 23/0864 ... { Applied in mould }
- B65D 23/0871 ... { Stretched over the bottle ( [B65D 23/0892](#) takes precedence ) }
- B65D 23/0878 ... { Shrunk on the bottle }
- B65D 23/0885 .. { Rigid shells for receiving the bottle or part of it ( [B65D 23/0842](#) , [B65D 81/3876](#) , [B65D 85/302](#) take precedence ) }
- B65D 23/0892 .. { Net-like covers }
- B65D 23/10 . Handles
- B65D 23/102 .. { Gripping means formed in the walls, e.g. roughening, cavities, projections }
- B65D 23/104 .. { Handles formed separately }
- B65D 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 }
- B65D 23/108 ... { Bail handles, i.e. pivoted handles of generally semi-circular or loop shape }
- B65D 23/12 . Means for the attachment of smaller articles
- B65D 23/14 .. of tags, { labels, cards, coupons, decorations or the like ( [B65D 23/008](#) takes precedence ) }
- B65D 23/16 .. of thermometers ( feeding bottles with thermometers [A61J 9/02](#) )

## **B65D 25/00 Details of other kinds or types of rigid or semi-rigid containers**

- B65D 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 ) }
- B65D 25/02 . Internal fittings ( of containers made by folding or erecting blanks made of paper [B65D 5/44](#) )
- B65D 25/04 .. Partitions
- B65D 25/06 ... adapted to be fitted in two or more alternative positions
- B65D 25/08 ... with provisions for removing or destroying, e.g. to facilitate mixing of contents
- B65D 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 ) }  |
| B65D 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 ( <a href="#">B65D 81/3211</a> takes precedence ) }  |
| B65D 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 ( <a href="#">B65D 81/3211</a> takes precedence ) }                      |
| B65D 25/10   | ..   | Devices to locate articles in containers { ( for protecting articles from mechanical damage <a href="#">B65D 81/02</a> ) }  |
| B65D 25/101  | ...  | { Springs, elastic lips, or other resilient elements to locate the articles by pressure ( <a href="#">B65D 25/102</a> , <a href="#">B65D 25/103</a> take precedence ) }   |
| B65D 25/102  | ...  | { Straps, bands, strings or other elongate elements }   |
| B65D 25/103  | ...  | { V-shaped elements, e.g. racks, protuberances projecting from a supporting surface, supporting the articles locally at its sides ( <a href="#">B65D 25/107</a> takes precedence ) }  |
| B65D 25/105  | .... | { and retaining it by snap-action, e.g. clips }   |
| B65D 25/106  | ...  | { Elements projecting into a recess or through a hole in the articles }   |
| B65D 25/107  | ...  | { Grooves, ribs, or the like, situated on opposed walls and between which the articles are located }  |
| B65D 25/108  | ...  | { Devices, e.g. plates, presenting apertures through which the articles project }   |
| B65D 25/14   | .    | Linings or internal coatings ( of containers made by folding or erecting blanks made of paper <a href="#">B65D 5/56</a> ; { linings for domestic water storage heaters <a href="#">F24H 1/183</a> } )   |
| B65D 25/16   | ..   | Loose, or loosely-attached, linings   |
| B65D 25/18   | ..   | spaced appreciably from container wall  |
| B65D 25/20   | .    | External fittings ( of containers made by folding or erecting blanks made of paper <a href="#">B65D 5/44</a> )  |
| B65D 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 <a href="#">B65D 25/36</a> takes precedence ) }  |
| B65D 25/22   | ..   | for facilitating lifting or suspending of containers  |
| B65D 25/24   | ..   | for spacing bases of containers from supporting surfaces, e.g. legs ( for pallets <a href="#">B65D 19/40</a> )  |
| B65D 25/28   | .    | Handles ( of containers made by folding or erecting blanks made of paper <a href="#">B65D 5/46</a> ; of bottles or jars <a href="#">B65D 23/10</a> ; { holders for glasses, bottles, cartons, plastic bags, cans <a href="#">A47G 23/02</a> } ) |
| B65D 25/2802 | ..   | { fixed, i.e. non-swingable, handles ( <a href="#">B65D 25/2867</a> , <a href="#">B65D 25/2882</a> take precedence ) }  |
| B65D 25/2805 | ...  | { provided on a local area of the side walls }  |
| B65D 25/2808 | .... | { Horizontal, e.g. U-shaped }   |
| B65D 25/2811 | .... | { Vertical, e.g. U-shaped }   |
| B65D 25/2814 | .... | { as a part or combined with a label or wrapping sheet or tube }  |
| B65D 25/2817 | .... | { fixed by means of one or more collars }   |
| B65D 25/282  | ...  | { provided on a local area near to or at the upper edge or rim }  |
| B65D 25/2823 | ...  | { centrally located in open container }   |
| B65D 25/2826 | ...  | { provided on a local area of the upper (top) wall, e.g. U-shaped }   |

- B65D 25/2829 . . . { provided vertically and fixed to the upper and the lower rims or edges }
- B65D 25/2832 . . . { provided vertically and fixed to the upper or lower rim and to the side wall }
- B65D 25/2835 .. { Swingable handles ( [B65D 25/2867](#) and [B65D 25/2882](#) take precedence; bails [B65D 25/32](#) ) }
- B65D 25/2838 . . . { provided on a local area of the side wall(s) }
- B65D 25/2841 . . . . { Horizontal, e.g. U-shaped }
- B65D 25/2844 . . . . { Vertical, e.g. U-shaped }
- B65D 25/2847 . . . . { as a part or combined with a label or wrapping sheet or tube }
- B65D 25/285 . . . . { fixed by means of one or more collars }
- B65D 25/2852 . . . { provided on a local area near to or at the upper edge or rim }
- B65D 25/2855 . . . { centrally located in open container }
- B65D 25/2858 . . . { provided on a local area of the upper (top) wall, e.g. U-shaped }
- B65D 25/2861 . . . { provided vertically and fixed to the upper and the lower rims or edges }
- B65D 25/2864 . . . { provided vertically and fixed to the upper or lower rim and to the side wall }
- B65D 25/2867 .. { with respective ends fixed to local areas of two opposite sides or wall-part ( bails [B65D 25/32](#) ) }
- B65D 25/287 . . . { Rope or string }
- B65D 25/2873 . . . { Straps or slings }
- B65D 25/2876 . . . . { fixed by means of a collar }
- B65D 25/2879 . . . { wire-like }
- B65D 25/2882 .. { Integral handles ( [B65D 25/2867](#) takes precedence ) }
- B65D 25/2885 . . . { provided on the side wall }
- B65D 25/2888 . . . { provided near to or at the upper edge or rim }
- B65D 25/2891 . . . { centrally located in open container }
- B65D 25/2894 . . . { provided on the top or upper wall }
- B65D 25/2897 . . . { formed in the wall(s), e.g. roughenings, cavities or projections }
- B65D 25/30 .. Hand holes
- B65D 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 }
- B65D 25/325 . . . { integrally formed with the container }
- B65D 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](#) )
- B65D 25/36 .. formed by applying sheet material
- B65D 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](#) )
- B65D 25/385 .. { with means for preventing inflammation or explosion during discharging of inflammable or explosive substances from containers, e.g. from petroleum cans }
- B65D 25/40 .. Nozzles or spouts ( in general [B05B](#) )
- B65D 25/42 . . . Integral or attached nozzles or spouts
- B65D 25/44 . . . . Telescopic or retractable nozzles or spouts
- B65D 25/46 . . . . Hinged, { foldable } or pivoted nozzles or spouts
- B65D 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  
}

- B65D 25/48 . . . . . Separable nozzles or spouts
- B65D 25/50 . . . . . arranged to be plugged in two alternate positions
- B65D 25/52 . . . . . Devices for discharging successive articles or portions of contents
- B65D 25/525 . . . . . { Swivelling devices, comprising a bottom wall and two side walls }
- B65D 25/54 . . . . . Inspection openings or windows
- B65D 25/56 . . . . . with means for indicating level of contents

**Guidance heading:** General kinds of flexible containers ( large containers [B65D 88/00](#) )

**B65D 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](#) )

- B65D 27/005 . . . . . { Linings }
- B65D 27/02 . . . . . with stiffening inserts
- B65D 27/04 . . . . . with apertures or windows for viewing contents
- B65D 27/06 . . . . . with provisions for repeated re-use
- B65D 27/08 . . . . . with two or more compartments
- B65D 27/10 . . . . . Chains of interconnected envelopes
- B65D 27/12 . . . . . Closures ( separate fasteners [B42F 1/00](#) )
- B65D 27/14 . . . . . using adhesive applied to integral parts, e.g. flaps
- B65D 27/16 . . . . . using pressure-sensitive adhesive
- B65D 27/18 . . . . . using heat-activatable adhesive
- B65D 27/20 . . . . . using self-locking integral or attached elements
- B65D 27/22 . . . . . Tongue-and-slot or like closures ; Tuck-in flaps
- B65D 27/24 . . . . . String closures
- B65D 27/26 . . . . . Deformable metallic elements
- B65D 27/28 . . . . . Applications of separate closing elements
- B65D 27/30 . . . . . with special means for indicating unauthorised opening
- B65D 27/32 . . . . . Opening devices incorporated during envelope manufacture ( incorporated during closing of envelope [B43M 5/00](#) ; separate devices for opening envelopes [B43M 7/00](#) )
- B65D 27/34 . . . . . Lines of weakness
- B65D 27/36 . . . . . Finger openings, slots, or gripping tabs
- B65D 27/38 . . . . . Tearing-strings or -strips

**B65D 29/00** Sacks or like containers made of fabrics ; Flexible containers of open-work, e.g. net-like construction

- B65D 29/02 . Sacks with laminated or multiple walls
- B65D 29/04 . Net-like containers made of plastics material
- B65D 31/00** **Bags or like containers made of paper and having structural provision for thickness of contents { ( with shock-absorbing properties [B65D 81/03](#) ) }**
- B65D 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](#) ) }
- B65D 31/02 . with laminated walls
- B65D 31/04 . with multiple walls { ( [B65D 81/3881](#) takes precedence; for shock absorbing purposes [B65D 81/03](#) ) }
- B65D 31/06 . with rigid end walls
- B65D 31/08 . with block bottoms
- B65D 31/10 . with gusseted sides
- B65D 31/12 . with two or more compartments
- B65D 31/14 . Valve bags, { i.e. with valves for filling }
- B65D 31/142 . . { the filling port being formed by folding a flap connected to a side, e.g. block bottoms }
- B65D 31/145 . . { the filling port being provided in a flat upper sealing-edge }
- B65D 31/147 . . { the filling port being provided in a side wall }
- B65D 31/16 . of special shape
- B65D 31/18 . . Triangular or conical bags
- B65D 33/00** **Details of, or accessories for, sacks or bags**
- B65D 33/001 . { Blocks, stacks or like assemblies of bags }
- B65D 33/002 . { Rolls, strips or like assemblies of bags }
- B65D 33/004 . { Information or decoration elements, e.g. level indicators, detachable tabs or coupons }
- B65D 33/005 . { Anti-slip or anti-skid bags, e.g. bags provided with anti-slip coating, ribs, strips }
- B65D 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 }
- B65D 33/008 . { Individual filled bags or pouches connected together ( [B65D 33/001](#) , [B65D 33/002](#) take precedence ) }
- B65D 33/01 . Ventilation or drainage of bags, { e.g. disaligned apertures, labyrinth welds (

pressure-relief valves comprising at least one elastic element [B65D 77/22 D](#);  
connection of valves to inflatable elastic bodies [B60C 29/00](#) ) }

- [B65D 33/02](#) . Local reinforcements or stiffening inserts, e.g. wires, strings, strips, frames { ( [B65D 33/007](#) takes precedence ) }
- [B65D 33/04](#) . Windows or other apertures, e.g. for viewing contents { ( ventilation apertures [B65D 33/01](#) ; windows for level indication [B65D 33/004](#) ) }
- [B65D 33/06](#) . Handles { ( forming part of the closing arrangement [B65D 33/16](#) ) }
- [B65D 33/065](#) . . { Integral handles ( [B65D 33/08](#) takes precedence ) }
- [B65D 33/08](#) . . Hand holes
- [B65D 33/10](#) . . formed of similar material to that used for the bag
- [B65D 33/105](#) . . . { U-shaped }
- [B65D 33/12](#) . . String handles
- [B65D 33/14](#) . Suspension means ( handles [B65D 33/06](#) )
- [B65D 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](#) )
- [B65D 33/1608](#) . . { Integral flaps for tying above the bag }
- [B65D 33/1616](#) . . { Elements constricting the neck of the bag ( hinged clips [B65D 33/1675](#) ) }
- [B65D 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 }
- [B65D 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 }
- [B65D 33/1641](#) . . . { Staples, clips or clamps made of metal }
- [B65D 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 }
- [B65D 33/1658](#) . . { Elements for flattening or folding the mouth portion ( [B65D 33/30](#) takes precedence ) }
- [B65D 33/1666](#) . . . { Slitted tubes with or without a core; U-shaped clips made of one piece }
- [B65D 33/1675](#) . . . { Hinged clips }
- [B65D 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 }
- [B65D 33/1691](#) . . { using adhesive applied to attached closure elements }
- [B65D 33/18](#) . . using adhesive applied to integral parts, e.g. to flaps ( of envelopes [B65D 27/14](#) )
- [B65D 33/20](#) . . . using pressure-sensitive adhesive
- [B65D 33/22](#) . . . using heat-activatable adhesive
- [B65D 33/24](#) . . using self-locking integral or attached closure elements, e.g. flaps ( [B65D 33/25](#) takes precedence )
- [B65D 33/243](#) . . . { Combination of flaps, slits, tongues or apertures, e.g. apertures serving as hand or finger holes }
- [B65D 33/246](#) . . . { Turn-over flaps co-operating with a separate handle or suspension means }
- [B65D 33/25](#) . . Riveting ; Dovetailing ; Screwing ; using press buttons or slide fasteners { ( slide



fasteners per se [A44B 19/00](#) ) }

- B65D 33/2508 . . . { using slide fasteners with interlocking members having a substantially uniform section throughout the length of the fastener and operated without a slider }
- B65D 33/2516 . . . . { comprising tamper-indicating means, e.g. located within the fastener }
- B65D 33/2525 . . . . . { located between the fastener and the product compartment }
- B65D 33/2533 . . . . . { the slide fastener being located between the product compartment and the tamper indicating means }
- B65D 33/2541 . . . . { characterised by the slide fastener, e.g. adapted to interlock with a sheet between the interlocking members having sections of particular shape }
- B65D 33/255 . . . . . { being provided with special visual, audible or tactile indicating means, e.g. indicating proper engagement ( [B65D 33/2516](#) takes precedence ) }
- B65D 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 }
- B65D 33/2566 . . . . { using two or more independently operable slide fasteners }
- B65D 33/2575 . . . . { the slide fastener providing access to the bag through a bag wall, e.g. intended to be cut open by the consumer }
- B65D 33/2583 . . . . . { the slide fastener being attached to one wall only }
- B65D 33/2591 . . . { using slide fasteners with interlocking members having a substantially uniform section throughout the length of the fastener and operated with a slider }
- B65D 33/26 . . using staples or stitches { ( [B65D 33/1641](#) takes precedence ) }
- B65D 33/28 . . Strings or strip-like closures, { i.e. draw closures }
- B65D 33/30 . . Deformable or resilient metal or like strips or bands { ( [B65D 33/1616](#) takes precedence ) }
- B65D 33/32 . . Metallic chain closures
- B65D 33/34 . . with special means for indicating unauthorised opening { ( [B65D 33/2516](#) takes precedence ) }

**B65D 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 { ( packages for tubes [B65D 85/14](#) ) }**

- B65D 35/02 . Body construction
- B65D 35/04 . . made in one piece
- B65D 35/06 . . . from metallic material
- B65D 35/08 . . . from plastics material
- B65D 35/10 . . made by uniting or interconnecting two or more components
- B65D 35/12 . . Connections between body and closure-receiving bush
- B65D 35/14 . with linings or inserts
- B65D 35/16 . . for minimising or preventing corrosion of body
- B65D 35/18 . . for keeping body in rolled state after partial expulsion of contents
- B65D 35/20 . . for retracting contents
- B65D 35/22 . with two or more compartments
- B65D 35/24 . with auxiliary devices ( linings or inserts [B65D 35/14](#) )

- B65D 35/242 . . { for mixing or discharging of two or more components }
- B65D 35/245 . . { Suspension means integral with, or attached to the container ( [B65D 51/242](#) takes precedence ) }
- B65D 35/247 . . { the tubular container being provided on its internal surfaces with press buttons or the like for maintaining the container in compressed state }
- B65D 35/26 . . for filling
- B65D 35/28 . . for expelling contents
- B65D 35/285 . . . { Co-operating squeezing supporting rollers }
- B65D 35/30 . . . Pistons
- B65D 35/32 . . Winding keys
- B65D 35/34 . . . connected to, or associated with, tube holders
- B65D 35/36 . . for applying contents to surfaces ( brushes combined or associated with tubular containers [A46B 11/00](#) )
- B65D 35/38 . . . Nozzles
- B65D 35/40 . . for metering discharge
- B65D 35/42 . . for preventing loss of removable closure members
  
- B65D 35/44 . Closures ( closure members of interest apart from this application [B65D 39/00](#) to [B65D 55/00](#) ; forming bottom closures after filling [B65B 7/14](#) )
- B65D 35/46 . . with valves ( bureau accessories for applying liquids, e.g. adhesive, [B43M 11/00](#) )
  
- B65D 35/56 . Holders for collapsible tubes { ( [B65D 51/42L](#) takes precedence ) }
- B65D 35/565 . . { the holder being attached to a wall or suspended from a panel ( [B65D 35/285](#) takes precedence ) }

## **B65D 37/00**      **Portable flexible containers not otherwise provided for**

**Guidance heading:** **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](#) )

**B65D 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 L65D339 are used

- B65D 39/0005 . { made in one piece ( [B65D 39/02](#) , [B65D 39/04](#) , [B65D 39/06](#) , [B65D 39/08](#) take precedence ) }
- B65D 39/0011 . . { from natural or synthetic cork, e.g. for wine bottles or the like }
- B65D 39/0017 . . { Injection-molded plastic closures for "Champagne"- or "Sekt"-type bottles }

- B65D 39/0023 . . { Plastic cap-shaped hollow plugs }
- B65D 39/0029 . . { Plastic closures other than those covered by groups [B65D 39/0011](#) to [B65D 39/0023](#) }
- B65D 39/0035 . . { Swing or hinged stoppers, e.g. for "Grolsch"-type bottles ( toggle mechanisms [B65D 45/06](#) or [B65D 45/16](#) ) }
- B65D 39/0041 . . { Bungs, e.g. wooden or rubber, for barrels or the like ( [B65D 39/08](#) takes precedence ) }
- B65D 39/0047 . . { Glass, ceramic or metal stoppers for perfume bottles or the like ( [B65D 39/0035](#) takes precedence ) }
  
- B65D 39/0052 . { made in more than one piece ( [B65D 39/02](#) , [B65D 39/04](#) , [B65D 39/06](#) , [B65D 39/08](#) take precedence ) }
- B65D 39/0058 . . { from natural or synthetic cork, e.g. for wine bottles or the like }
- B65D 39/0064 . . { Injection-molded plastic closures for "Champagne"-or "Sekt"-type bottles }
- B65D 39/007 . . { Plastic cap-shaped hollow plugs }
- B65D 39/0076 . . { Plastic closures other than those covered by groups [B65D 39/0058](#) to [B65D 39/007](#) }
- B65D 39/0082 . . { Swing or hinged stoppers, e.g. for "Grolsch"-type bottles ( toggle mechanisms [B65D 45/06](#) or [B65D 45/16](#) ) }
- B65D 39/0088 . . { Bungs, e.g. wooden or rubber, for barrels or the like ( [B65D 39/08](#) takes precedence ) }
- B65D 39/0094 . . { Glass, ceramic or metal stoppers for perfume bottles or the like ( [B65D 39/0082](#) takes precedence ) }
  
- B65D 39/02 . Disc closures ( discs with flanges [B65D 39/04](#) )
- B65D 39/025 . . { the closure being maintained in place by an additional element }
  
- B65D 39/04 . Cup-shaped plugs or like hollow flanged members
  
- B65D 39/06 . Balls
  
- B65D 39/08 . Threaded or like closure members secured by rotation ; Bushes therefor
- B65D 39/082 . . { Bung-rings and bungs for bung-holes }
- B65D 39/084 . . . { Separated bung-rings made by one element }
- B65D 39/086 . . . { Separated bung-rings made by several elements }
- B65D 39/088 . . . { Bungs with special means facilitating handling thereof }
- B65D 39/10 . . with bayonet cams
  
- B65D 39/12 . expansible, e.g. inflatable
  
- B65D 39/14 . extending through lateral openings in necks
  
- B65D 39/16 . with handles or other special means facilitating manual actuation
  
- B65D 41/00** **Caps, e.g. crown caps, 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; combinations of caps and protective cap-like covers [B65D 51/18](#) ; making closures by working metal sheet [B21D 51/44](#) ; affixing labels [B65C 3/06](#) )**

- B65D 41/005 . { with integral sealing means ( [B65D 41/02](#) takes precedence ) }
- B65D 41/02 . Caps or cap-like covers without lines of weakness, tearing strips, tags, or like opening or removal devices
- B65D 41/023 .. { with integral internal sealing means }
- B65D 41/026 .. { Caps or cap-like covers attached to the bottle neck by sliding them perpendicularly to the neck axis }
- B65D 41/04 .. Threaded or like caps or cap-like covers secured by rotation
- B65D 41/0407 ... { with integral sealing means ( [B65D 41/065](#) takes precedence ) }
- B65D 41/0414 .... { formed by a plug, collar, flange, rib or the like contacting the internal surface of a container neck }
- B65D 41/0421 ..... { and combined with integral sealing means contacting other surfaces of a container neck }
- B65D 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 ) }
- B65D 41/0435 ... { with separate sealing elements }
- B65D 41/0442 .... { Collars or rings ( [B65D 41/0457](#) takes precedence ) }
- B65D 41/045 .... { Discs ( [B65D 41/0457](#) takes precedence ) }
- B65D 41/0457 .... { the sealing element covering or co-operating with the screw-thread or the like of a container neck }
- B65D 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 }
- B65D 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 }
- B65D 41/0478 .... { the cap being formed by several elements connected together }
- B65D 41/0485 ... { with means specially adapted for facilitating the operation of opening or closing }
- B65D 41/0492 ... { formed by several elements connected together ( [B65D 41/0478](#) takes precedence ) }
- B65D 41/06 ... with bayonet cams, { i.e. removed by first pushing axially to disengage the cams and then rotating }
- B65D 41/065 .... { with integral internal sealing means }
- B65D 41/08 ... engaging a threaded ring clamped on the external periphery of the neck or wall
- B65D 41/083 .... { engaging a bung-ring clamped on the neck or in the wall }
- B65D 41/086 .... { with integral internal sealing means }
- B65D 41/10 .. Caps or cap-like covers adapted to be secured in position by permanent deformation of the wall-engaging parts
- B65D 41/105 ... { with integral internal sealing means }
- B65D 41/12 ... made of relatively stiff metallic materials, e.g. crown caps
- B65D 41/125 .... { with integral internal sealing means }
- B65D 41/14 ... made of metallic foil or like thin flexible material
- B65D 41/145 .... { with integral internal sealing means }
- B65D 41/16 .. Snap-on caps or cap-like covers
- B65D 41/165 ... { with integral internal sealing means ( [B65D 41/17](#) takes precedence ) }
- B65D 41/17 ... push-on and twist-off

|              |       |   |
|--------------|-------|---|
| B65D 41/18   | ...   | non-metallic, e.g. made of paper or plastics { ( <a href="#">B65D 41/17</a> takes precedence ) }  |
| B65D 41/185  | ....  | { with integral internal sealing means }  |
| B65D 41/20   | ..    | Caps or cap-like covers with membranes, e.g. arranged to be pierced   |
| B65D 41/205  | ...   | { with integral internal sealing means }  |
| B65D 41/22   | ..    | Caps or cap-like covers with elastic parts adapted to be stretched over the container   |
| B65D 41/225  | ...   | { with integral internal sealing means }  |
| B65D 41/24   | ..    | Caps or cap-like covers made of shrinkable material or formed in situ by dipping, e.g. using gelatine or celluloid  |
| B65D 41/245  | ...   | { with integral internal sealing means }  |
| B65D 41/26   | ..    | Caps or cap-like covers serving as, or incorporating, drinking or measuring vessels   |
| B65D 41/265  | ...   | { with integral internal sealing means }  |
| B65D 41/28   | ..    | Caps combined with stoppers   |
| B65D 41/30   | ...   | Deformable caps combined with resilient stoppers to permit re-use as temporary closures   |
| B65D 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                                      |
| B65D 41/325  | ..    | { with integral internal sealing means }  |
| B65D 41/34   | ..    | Threaded or like caps or cap-like covers { provided with tamper elements formed in, or attached to, the closure skirt }   |
| B65D 41/3404 | ...   | { with ratchet-and-pawl mechanism between the container and the closure skirt or the tamper element }   |
| B65D 41/3409 | ....  | { the tamper element being integrally connected to the closure by means of bridges }  |
| B65D 41/3414 | ..... | { with drive means between closure and tamper element }   |
| B65D 41/3419 | ....  | { the tamper element being formed separately but connected to the closure }   |
| B65D 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 ( <a href="#">B65D 41/3404</a> takes precedence ) } |
| B65D 41/3428 | ....  | { the tamper element being integrally connected to the closure by means of bridges }  |
| B65D 41/3433 | ..... | { with drive means between closure and tamper element }   |
| B65D 41/3438 | ....  | { the tamper element being formed separately but connected to the closure }   |
| B65D 41/3442 | ...   | { with rigid bead or projections formed on the tamper element and coacting with bead or projections on the container ( <a href="#">B65D 41/3404</a> takes precedence ) }                        |
| B65D 41/3447 | ....  | { the tamper element being integrally connected to the closure by means of bridges }  |
| B65D 41/3452 | ..... | { with drive means between closure and tamper element }   |
| B65D 41/3457 | ....  | { the tamper element being formed separately but connected to the closure }   |
| B65D 41/3461 | ...   | { the tamper element being retracted by heat or by heat and pressure }  |
| B65D 41/3466 | ....  | { and being integrally connected to the closure by means of bridges }   |
| B65D 41/3471 | ..... | { with drive means between closure and tamper element }   |
| B65D 41/3476 | ....  | { and being formed separately but connected to the closure }  |
| B65D 41/348  | ...   | { the tamper element being rolled or pressed to conform to the shape of the container, e.g. metallic closures ( <a href="#">B65D 41/34 A</a> , <a href="#">B65D 41/3423</a> take precedence ) } |

- B65D 41/3485 . . . . { having tear-off strips }
- B65D 41/349 . . . . { the tamper element being formed separately but connected to the closure }
- B65D 41/3495 . . . { the tamper element being bonded or adhered to the container wall ( [B65D 41/3461](#) takes precedence ) }
- B65D 41/36 . . . with bayonet cams, { i.e. removed by first pushing axially to disengage the cams and then rotating }
- B65D 41/365 . . . . { with integral internal sealing means }
- B65D 41/38 . . . engaging a threaded ring clamped on the external periphery of the neck or wall
- B65D 41/385 . . . . { with integral internal sealing means }
- B65D 41/40 . . . Caps or cap-like covers adapted to be secured in position by permanent deformation of the wall-engaging parts
- B65D 41/405 . . . { with integral internal sealing means }
- B65D 41/42 . . . made of relatively-stiff metallic material, e.g. crown caps
- B65D 41/425 . . . . { with integral internal sealing means }
- B65D 41/44 . . . made of metallic foil or like thin flexible material
- B65D 41/445 . . . . { with integral internal sealing means }
- B65D 41/46 . . . Snap-on caps or cap-like covers
- B65D 41/465 . . . { with integral internal sealing means ( [B65D 41/47](#) takes precedence ) }
- B65D 41/47 . . . push-on and twist-off
- B65D 41/48 . . . non-metallic, e.g. made of paper, plastics { ( [B65D 41/47](#) takes precedence ) }
- B65D 41/485 . . . . { with integral internal sealing means }
- B65D 41/50 . . . Caps or cap-like covers with membranes, e.g. arranged to be pierced
- B65D 41/505 . . . { with integral internal sealing means }
- B65D 41/52 . . . Caps or cap-like covers with elastic parts adapted to be stretched over the container
- B65D 41/525 . . . { with integral internal sealing means }
- B65D 41/54 . . . Caps or cap-like covers made of shrinkable material or formed in situ by dipping, e.g. using gelatine, celluloid
- B65D 41/545 . . . { with integral internal sealing means }
- B65D 41/56 . . . Caps or cap-like covers serving as, or incorporating, drinking or measuring vessels
- B65D 41/565 . . . { with integral internal sealing means }
- B65D 41/58 . . . Caps or cap-like covers combined with stoppers
- B65D 41/60 . . . Deformable caps combined with resilient stoppers to permit re-use as temporary closures
  
- B65D 41/62 . . . Secondary protective cap-like outer covers for closure members ( [arrangements of closures with protective outer cap-like covers or of two or more co-operating closures B65D 51/18](#) )

**B65D 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](#) )

### **WARNING**

Groups [B65D 43/04](#) to [B65D 43/10](#) are no longer used for classification. Documents are in the process of being reorganised to groups [B65D 43/02B1](#) to [B65D 43/0297](#)



|              |  |
|--------------|--|
| B65D 43/02   | . Removable lids or covers ( with means for piercing, cutting, or tearing a frangible inner closure <a href="#">B65D 51/22</a> )               |
| B65D 43/0202 | .. { without integral tamper element }   |
| B65D 43/0204 | ... { secured by snapping over beads or projections }  |
| B65D 43/0206 | .... { inside a peripheral U-shaped channel in the mouth of the container }  |
| B65D 43/0208 | .... { on both the inside and the outside of the mouth of the container ( <a href="#">B65D 43/0206</a> takes precedence ) }                    |
| B65D 43/021  | .... { only on the inside, or a part turned to the inside, of the mouth ( <a href="#">B65D 43/0206</a> takes precedence ) }                    |
| B65D 43/0212 | .... { only on the outside, or a part turned to the outside, of the mouth ( <a href="#">B65D 43/0206</a> takes precedence ) }                  |
| B65D 43/0214 | ... { secured only by friction or gravity ( <a href="#">B65D 43/0204</a> takes precedence ) }  |
| B65D 43/0216 | .... { inside a peripheral U-shaped channel in the mouth of the container }  |
| B65D 43/0218 | .... { on both the inside and the outside of the mouth of the container ( <a href="#">B65D 43/0216</a> takes precedence ) }                    |
| B65D 43/022  | .... { only on the inside, or a part turned to the inside, of the mouth of the container ( <a href="#">B65D 43/0216</a> takes precedence ) }   |
| B65D 43/0222 | .... { only on the outside, or a part turned to the outside, of the mouth of the container ( <a href="#">B65D 43/0216</a> takes precedence ) } |
| B65D 43/0225 | ... { secured by rotation }  |
| B65D 43/0227 | .... { inside a peripheral U-shaped channel in the mouth of the container }  |
| B65D 43/0229 | .... { only on the inside, or a part turned to the inside, of the mouth of the container ( <a href="#">B65D 43/0227</a> takes precedence ) }   |
| B65D 43/0231 | .... { only on the outside, or a part turned to the outside, of the mouth of the container ( <a href="#">B65D 43/0227</a> takes precedence ) } |
| B65D 43/0233 | ... { secured by rolling or other plastic deformation }  |
| B65D 43/0235 | .. { with integral tamper element }  |
| B65D 43/0237 | ... { secured by snapping over beads or projections before removal of the tamper element }   |
| B65D 43/0239 | .... { inside a peripheral U-shaped channel in the mouth of the container }  |
| B65D 43/0241 | ..... { leaving only an inside snap after removal of the tamper element }  |
| B65D 43/0243 | ..... { leaving friction on both the inside and the outside after removal of the tamper element }  |
| B65D 43/0245 | ..... { leaving only an inside friction after removal of the tamper element }  |
| B65D 43/0247 | ..... { leaving only an outside friction after removal of the tamper element }   |
| B65D 43/0249 | .... { on both the inside and the outside of the mouth of the container ( <a href="#">B65D 43/0239</a> takes precedence ) }                    |
| B65D 43/0252 | ..... { leaving only an inside snap after removal of the tamper element }  |
| B65D 43/0254 | .... { only on the inside, or a part turned to the inside, of the mouth of the container ( <a href="#">B65D 43/0239</a> takes precedence ) }   |
| B65D 43/0256 | .... { only on the outside, or a part turned to the outside, of the mouth of the container ( <a href="#">B65D 43/0239</a> takes precedence ) } |
| B65D 43/0258 | ..... { leaving friction on both the inside and the outside after removal of the tamper element }  |
| B65D 43/026  | ..... { leaving only an inside friction after removal of the tamper element }  |
| B65D 43/0262 | ..... { leaving only an outside friction after removal of the tamper element }   |

|              |       |  |
|--------------|-------|--|
| B65D 43/0264 | ...   | { secured only by friction or gravity before removal of the tamper element ( <a href="#">B65D 43/0237</a> takes precedence ) }   |
| B65D 43/0266 | ....  | { inside a peripheral U-shaped channel in the mouth of the container }   |
| B65D 43/0268 | ....  | { on both the inside and the outside of the mouth of the container ( <a href="#">B65D 43/0266</a> takes precedence ) }   |
| B65D 43/027  | ..... | { leaving only an inside friction after removal of the tamper element }  |
| B65D 43/0272 | ....  | { only on the inside, or a part turned to the inside, of the mouth of the container ( <a href="#">B65D 43/0266</a> takes precedence ) }  |
| B65D 43/0274 | ....  | { only on the outside, or a part turned to the outside, of the mouth of the container ( <a href="#">B65D 43/0266</a> takes precedence ) }  |
| B65D 43/0277 | ...   | { secured by rotation before removal of the tamper element }   |
| B65D 43/0279 | ....  | { inside a peripheral U-shaped channel in the mouth of the container }   |
| B65D 43/0281 | ....  | { only on the inside, or a part turned to the inside, of the mouth of the container ( <a href="#">B65D 43/0279</a> takes precedence ) }  |
| B65D 43/0283 | ....  | { only on the outside, or a part turned to the outside, of the mouth of the container ( <a href="#">B65D 43/0279</a> takes precedence ) }  |
| B65D 43/0285 | ...   | { secured by rolling or other plastic deformation before removal of the tamper element }   |
| B65D 43/0287 | ....  | { only on the outside, or a part turned to the outside, of the mouth of the container }  |
| B65D 43/0289 | ..... | { leaving only an inside snap after removal of the tamper element }  |
| B65D 43/0291 | ..... | { leaving only an outside snap after removal of the tamper element }   |
| B65D 43/0293 | ..... | { leaving friction on both the inside and the outside after removal of the tamper element }  |
| B65D 43/0295 | ..... | { leaving only an inside friction after removal of the tamper element }  |
| B65D 43/0297 | ..... | { leaving only an outside friction after removal of the tamper element }   |
| B65D 43/06   | ..    | having a peripheral channel embracing the rim of the container   |
| B65D 43/065  | ...   | { the peripheral channel having an inverted U-shape }  |
| B65D 43/08   | ..    | having a peripheral flange fitting over the rim of the container { not in use, covered by <a href="#">B65D 43/0222</a> and <a href="#">B65D 43/0274</a> + L65D43 codes }   |
| B65D 43/12   | ..    | guided for removal by sliding  |
| B65D 43/14   | .     | Non-removable lids or covers   |
| B65D 43/16   | ..    | hinged for upward or downward movement ( { cigar or cigarette receptacles <a href="#">A24F 15/00</a> ; suitcases, étuis <a href="#">A45C</a> ; casings for cosmetic substances with hinged covers <a href="#">A45D 40/22</a> ; toolboxes <a href="#">B25H 3/02</a> } ; hinges of door or similar type <a href="#">E05D</a> ; { boxes for switchboards with hinged covers <a href="#">H02B 1/08</a> } ) |
| B65D 43/161  | ...   | { comprising two or more cover sections hinged one to another }  |
| B65D 43/162  | ...   | { the container, the lid and the hinge being made of one piece ( <a href="#">B65D 43/161</a> takes precedence ) }  |
| B65D 43/163  | ...   | { the container and the lid being made separately ( <a href="#">B65D 43/161</a> takes precedence ) }   |
| B65D 43/164  | ....  | { and connected by interfitting hinge elements integrally with the container and the lid formed respectively }   |
| B65D 43/165  | ..... | { these elements being assembled by a separate pin-like member }   |
| B65D 43/166  | ....  | { and connected by separate interfitting hinge elements fixed to the container and the lid respectively }  |
| B65D 43/167  | ..... | { these elements being assembled by a separate pin-like member }   |

- B65D 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 }
- B65D 43/169 . . . . { the lid, the hinge and the element connecting them to the container being made of one piece }
- B65D 43/18 . . pivoted for movement in plane of container mouth
- B65D 43/20 . . linearly slidable
- B65D 43/22 . . Devices for holding in closed position, e.g. clips
- B65D 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](#) ) }
- B65D 43/26 . Mechanisms for opening or closing, e.g. pedal-operated { ( for refuse receptacles [B65F 1/1623](#) ) }
- B65D 43/262 . . { pedal-operated }
- B65D 43/265 . . { consisting of levers pivoting perpendicularly to container axis, e.g. butterfly levers }
- B65D 43/267 . . { consisting of levers pivoting radially to container axis }
- B65D 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](#) )
- B65D 45/02 . for applying axial pressure to engage closure with sealing surface
- B65D 45/025 . . { Closure members opened by lever action and maintained closed by spring action ( [B65D 45/04](#) takes precedence ) }
- B65D 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
- B65D 45/06 . . . associated with toggle levers, e.g. swing stopper arrangements ( forming levers or links by working wire [B21F 45/04](#) )
- B65D 45/08 . . . incorporating springs
- B65D 45/10 . . . incorporating tightening screws
- B65D 45/12 . . . associated with locking levers engaging rack teeth for varying the applied pressure
- B65D 45/14 . . . coacting with inclined grooves in container wall for varying the applied pressure
- B65D 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](#) )
- B65D 45/18 . . . of snap-over type
- B65D 45/20 . . . pivoted
- B65D 45/22 . . . . resilient
- B65D 45/24 . . . . incorporating pressure-applying means, e.g. screws, toggles
- B65D 45/26 . . . . incorporating tensioning chains
- B65D 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
- B65D 45/30 . . Annular members, e.g. with snap-over action, screw-threaded { ( [B65D 45/32](#) takes precedence ) }

- B65D 45/305 . . . { Screw-threaded or bayonet-type annular members cooperating with an intermediate ring ( [B65D 41/08](#) , [B65D 51/14](#) takes precedence ) }
- B65D 45/32 . for applying radial { or radial and axial } pressure, e.g. contractible bands encircling closure member
- B65D 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 ) }
- B65D 45/325 . . . { the annular member being screw-threaded or bayonet-type ( [B65D 51/14](#) takes precedence ) }
- B65D 45/327 . . . { the annular member applying radial pressure against the inner surface of the container wall ( [B65D 55/0863](#) , [B65D 55/0872](#) take precedence ) }
- B65D 45/34 . . lever-operated
- B65D 45/345 . . . { Lever-operated contractible or expansible band, the lever moving in the plane of the band }
  
- B65D 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](#) )
  
- B65D 47/02 . for initially filling and for preventing subsequent refilling
- B65D 47/04 . Closures with discharging devices other than pumps
- B65D 47/043 . . { with pouring baffles, e.g. for controlling the flow }
- B65D 47/046 . . { Closures with swivelling dispensing devices ( containers with swivelling devices comprising a bottom wall and two side walls [B65D 25/525](#) ) }
- B65D 47/06 . . with pouring spouts or tubes ; with discharge nozzles or passages ( with slidable spouts [B65D 47/26](#) )
- B65D 47/061 . . . { with telescopic, retractable or reversible spouts, tubes or nozzles }
- B65D 47/063 . . . . { with flexible parts }
- B65D 47/065 . . . { with hinged, foldable or pivotable spouts }
- B65D 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 ) }
- B65D 47/068 . . . { with removable spouts which can be plugged in a discharging and in a closing position }
- B65D 47/08 . . . having articulated or hinged closures { ( [B65D 55/16](#) takes precedence ) }
- B65D 47/0804 . . . . { integrally formed with the base element provided with the spout or discharge passage }
- B65D 47/0809 . . . . . { and elastically biased towards both the open and the closed positions }
- B65D 47/0814 . . . . . { by at least three hinge sections, at least one having a length different from the others }
- B65D 47/0819 . . . . . { by cam action, e.g. interacting protrusions }
- B65D 47/0823 . . . . . { and elastically biased towards the closed position only }
- B65D 47/0828 . . . . . { and elastically biased towards the open position only }
- B65D 47/0833 . . . . . { Hinges without elastic bias }
- B65D 47/0838 . . . . . { located at an edge of the base element }
- B65D 47/0842 . . . . . { consisting of a strap of flexible material }
- B65D 47/0847 . . . . . { located within a flat surface of the base element }

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| B65D 47/0852 | ..... | { consisting of a strap of flexible material }  |
| B65D 47/0857 | ....  | { made separately from the base element provided with the spout or discharge passage }  |
| B65D 47/0861 | ..... | { and elastically biased towards both the open and the closed positions }   |
| B65D 47/0866 | ..... | { and elastically biased towards the closed position only }   |
| B65D 47/0871 | ..... | { and elastically biased towards the open position only }   |
| B65D 47/0876 | ..... | { Hinges without elastic bias }   |
| B65D 47/088  | ..... | { located at an edge of the base element }  |
| B65D 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 }         |
| B65D 47/089  | ..... | { located within a flat surface of the base element }   |
| B65D 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 }         |
| B65D 47/10   | ...   | having frangible closures   |
| B65D 47/103  | ....  | { Membranes with a tearing element }  |
| B65D 47/106  | ....  | { with devices for removing frangible parts of the pouring element or of its closure }  |
| B65D 47/12   | ...   | having removable closures   |
| B65D 47/121  | ....  | { Stoppers }  |
| B65D 47/122  | ....  | { Threaded caps }   |
| B65D 47/123  | ..... | { with internal parts }   |
| B65D 47/125  | ....  | { Caps with bayonet cams }  |
| B65D 47/126  | ..... | { with internal parts }   |
| B65D 47/127  | ....  | { Snap-on caps }  |
| B65D 47/128  | ..... | { with internal parts }   |
| B65D 47/14   | ....  | and closure-retaining means   |
| B65D 47/141  | ..... | { for stoppers }  |
| B65D 47/142  | ..... | { for threaded caps }   |
| B65D 47/143  | ..... | { with internal parts }   |
| B65D 47/145  | ..... | { for caps with bayonet cams }  |
| B65D 47/146  | ..... | { with internal parts }   |
| B65D 47/147  | ..... | { for snap-on caps }  |
| B65D 47/148  | ..... | { with internal parts }   |
| B65D 47/16   | ...   | with closures operating automatically when spout is immersed in discharged liquid   |
| B65D 47/18   | ...   | for discharging drops ; Droppers ( droppers in general <a href="#">B01L 3/00</a> ; { pipettes connected to container closures <a href="#">B01L 3/0282</a> } ) |
| B65D 47/185  | ....  | { with sprinkling devices }   |
| B65D 47/20   | ..    | comprising hand-operated members for controlling discharge { ( closures with liquid-dispensing taps or cocks <a href="#">B67D 3/04</a> ) }                    |
| B65D 47/2006 | ...   | { formed by a rigid spout outlet opened by tilting of the spout outlet }  |
| B65D 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  |

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|              |       | rotation of the latter }   |
| B65D 47/2018 | ...   | { comprising a valve or like element which is opened or closed by deformation of the container or closure }  |
| B65D 47/2025 | ....  | { Flexible bung-type elements }  |
| B65D 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 ( <a href="#">B65D 47/2025</a> takes precedence ) } |
| B65D 47/2037 | ..... | { the element being opened or closed by actuating a separate element which causes the deformation, e.g. screw cap closing container slit }   |
| B65D 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 }                        |
| B65D 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 }   |
| B65D 47/2056 | ....  | { lift valve type ( lift valves not opened by deformation <a href="#">B65D 47/24</a> ) }   |
| B65D 47/2062 | ..... | { in which the deformation raises or lowers the valve stem }   |
| B65D 47/2068 | ..... | { in which the stem is lowered by the pressure of the contents and thereby opening the valve }   |
| B65D 47/2075 | ..... | { in which the stem is raised by the pressure of the contents and thereby opening the valve }  |
| B65D 47/2081 | ..... | { in which the deformation raises or lowers the valve port }   |
| B65D 47/2087 | ..... | { the port being formed by a slidable rigid cap-like element which is moved linearly by the pressure of the contents }   |
| B65D 47/2093 | ....  | { slide valve type ( slide valves not opened by deformation <a href="#">B65D 47/26</a> ) }   |
| B65D 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 }   |
| B65D 47/241  | ....  | { the valve being opened or closed by actuating a cap-like element }   |
| B65D 47/242  | ..... | { moving helically }   |
| B65D 47/243  | ..... | { moving linearly, i.e. without rotational motion }  |
| B65D 47/244  | ..... | { being rotated without axial translation, whilst transmitting axial motion to an internal valve stem or valve seat }  |
| B65D 47/245  | ....  | { the valve being opened or closed by actuating a stopper-type element }   |
| B65D 47/246  | ..... | { moving helically, e.g. screw tap }   |
| B65D 47/247  | ..... | { moving linearly, i.e. without rotational motion }  |
| B65D 47/248  | ....  | { the valve being opened or closed by imparting a motion to the valve stem ( <a href="#">B65D 47/244</a> , <a href="#">B65D 47/245</a> take precedence ) }   |
| B65D 47/249  | ..... | { by means of a lever mechanism }  |
| B65D 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  |
| B65D 47/261  | ....  | { having a rotational or helicoidal movement ( <a href="#">B65D 47/30</a> takes precedence ) }   |
| B65D 47/263  | ..... | { between tubular parts }  |
| B65D 47/265  | ..... | { between planar parts ( <a href="#">B65D 47/24</a> takes precedence ) }   |
| B65D 47/266  | ..... | { the rotational movement being transmitted by displacement of an additional external element, e.g. overcap ( <a href="#">B65D 47/265</a> takes precedence ) }   |
| B65D 47/268  | ..... | { the valve member pivoting about an axis perpendicular to the container   |



- mouth axis ( [B65D 47/266](#) takes precedence ) }
- [B65D 47/28](#) . . . . having linear movement
- [B65D 47/283](#) . . . . { between tubular parts }
- [B65D 47/286](#) . . . . { between planar parts }
- [B65D 47/30](#) . . . with plug valves, { i.e. valves that open and close a passageway by turning a cylindrical or conical plug without axial passageways }
- [B65D 47/305](#) . . . . { provided with a spout, e.g. "escargot"-type valve }
- [B65D 47/32](#) . . with means for venting
- [B65D 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](#) )
- [B65D 47/38](#) . . with piercing means arranged to act subsequently as a valve to control the opening
- [B65D 47/40](#) . with drip catchers or drip-preventing means
- [B65D 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 [A61F 13/40](#) )
- [B65D 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 35/54](#) not used ) [B65D 47/248](#) } )
- [B65D 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](#) )
- [B65D 49/02](#) . One-way valves
- [B65D 49/04](#) . . Weighted valves
- [B65D 49/06](#) . . . with additional loading weights
- [B65D 49/08](#) . . Spring-loaded valves
- [B65D 49/10](#) . . Arrangements of several valves
- [B65D 49/12](#) . by destroying, in the act of opening the container, an integral portion thereof
- [B65D 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](#) )
- [B65D 50/02](#) . openable or removable by the combination of plural actions
- [B65D 50/04](#) . . requiring the combination of simultaneous actions, e.g. depress and turn, lift and turn, maintain a part and turn another one ( caps or covers secured by rotation with bayonet cams [B65D 41/06](#) , [B65D 41/36](#) )
- [B65D 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 }

- B65D 50/043 . . . { the closure comprising a screw cap whose threads are shaped to accomodate blocking elements and the closure is removed after first applying axial force to unblock it and allow it to be unscrewed }
- B65D 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 ) }
- B65D 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 }
- B65D 50/048 . . . . { and such deformation causes the engagement of means, e.g. threads, to allow removal of the closure by simultaneous rotation }
- B65D 50/06 . . requiring the combination of different actions in succession
- B65D 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 ) }
- B65D 50/062 . . . . { the closure removal inhibiting means being a displaceable ring }
- B65D 50/063 . . . { the closure or container being provided with two spaced sets of screw threads or the like }
- B65D 50/064 . . . . { at least one of the sets of threads being formed in a separate ring }
- B65D 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](#) ) }
- B65D 50/066 . . . { whereby parts of the container or closure having to be deformed, i.e. bi-stable movement ( [B65D 50/045](#) takes precedence ) }
- B65D 50/067 . . . { using integral or non-integral accessories, e.g. tool, key ( [B65D 50/062](#) , [B65D 50/064](#) , [B65D 50/065](#) take precedence ) }
- B65D 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 }
- B65D 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 }
  
- B65D 51/00** **Closures not otherwise provided for ( covers or similar closures as engineering elements for pressure vessels in general [F16J 13/00](#) )**
  
- B65D 51/002 . { Closures to be pierced by an extracting-device for the contents and fixed on the container by separate retaining means }
- B65D 51/005 . { Closures provided with linings or internal coatings so as to avoid contact of the closure with the contents }
- B65D 51/007 . { Separate closure devices for reclosing opened cans or tins, e.g. beer cans }
- B65D 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](#) )
- B65D 51/04 . . hinged ( [B65D 51/10](#) takes precedence )
- B65D 51/06 . . collapsible
- B65D 51/08 . . with axial projections fitting within, or around, the walls defining the openings, e.g. for milk churns

- B65D 51/10 . . opening automatically when container is tilted for pouring
- B65D 51/12 . . Flexible non-elastic covers
- B65D 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
- B65D 51/145 . . { by means of an additional element connected directly to the container }
- B65D 51/16 . with means for venting air or gas
- B65D 51/1605 . . { whereby the interior of the container is maintained in permanent gaseous communication with the exterior }
- B65D 51/1611 . . . { by means of an orifice, capillary or labyrinth passage ( [B65D 51/1616](#) , [B65D 51/1622](#) take precedence ) }
- B65D 51/1616 . . . { by means of a filter }
- B65D 51/1622 . . . { by means of a passage for the escape of gas between the closure and the lip of the container mouth }
- B65D 51/1627 . . . . { the closure being for a box-like container }
- B65D 51/1633 . . { whereby venting occurs by automatic opening of the closure, container or other element }
- B65D 51/1638 . . . { by means of an element bursting upon a predetermined pressure in the container being exceeded }
- B65D 51/1644 . . . { the element being a valve ( [B65D 51/1661](#) takes precedence ) }
- B65D 51/165 . . . . { formed by a slit or narrow opening }
- B65D 51/1655 . . . . { formed by an elastic band closing an opening in a tubular part of the closure encircled by said band }
- B65D 51/1661 . . . { by means of a passage for the escape of gas between the closure and the lip of the container mouth }
- B65D 51/1666 . . . . { the closure being for a box-like container }
- B65D 51/1672 . . { whereby venting occurs by manual actuation of the closure or other element }
- B65D 51/1677 . . . { by rupturing a portion of the closure }
- B65D 51/1683 . . . { by actuating a separate element in the container or closure }
- B65D 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 }
- B65D 51/1694 . . . . { the closure being for a box-like container }
- B65D 51/18 . Arrangements of closures with protective outer cap-like covers or of two or more co-operating closures ( [secondary protective cap-like outer covers for caps](#) [B65D 41/62](#) ; { [B65D 51/247](#) takes precedence } )
- B65D 51/185 . . { the outer closure being a foil membrane }
- B65D 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](#) ) }
- B65D 51/22 . . . having means for piercing, cutting, or tearing the inner closure
- B65D 51/221 . . . . { a major part of the inner closure being left inside the container after the opening }
- B65D 51/222 . . . . . { the piercing or cutting means being integral with, or fixedly attached to, the outer closure }
- B65D 51/223 . . . . . { the outer closure having to be removed or inverted for piercing or

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|              |       | cutting }  |
| B65D 51/224  | ..... | { the outer closure comprising flexible parts ( <a href="#">B65D 51/223</a> takes precedence ) }   |
| B65D 51/225  | ..... | { and further comprising a device first inhibiting displacement of the outer closure ( <a href="#">B65D 51/223</a> takes precedence ) }  |
| B65D 51/226  | ..... | { the piercing or cutting means being non integral with, or not fixedly attached to, the outer closure }   |
| B65D 51/227  | ..... | { and further comprising a device first inhibiting displacement of the piercing or cutting means }   |
| B65D 51/228  | ....  | { a major part of the inner closure being removed from the container after the opening }   |
| B65D 51/24   | .     | combined { or co-operating } with auxiliary devices for non-closing purposes   |
| B65D 51/241  | ..    | { provided with freeze-drying means }  |
| B65D 51/242  | ..    | { provided with means for facilitating lifting or suspending of the container }  |
| B65D 51/243  | ..    | { combined with an opening device ( <a href="#">B65D 51/22</a> takes precedence ) }  |
| B65D 51/244  | ..    | { provided with oxygen absorbers }   |
| B65D 51/245  | ..    | { provided with decoration, information or contents indicating devices, labels ( <a href="#">B65D 81/366</a> takes precedence ) }  |
| B65D 51/246  | ..    | { provided with eating utensils or spatulas ( applicator rods or brushes <a href="#">B65D 51/32</a> ) }  |
| B65D 51/247  | ...   | { located between an inner and an outer closure }  |
| B65D 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 ( <a href="#">B65D 55/026</a> , <a href="#">B65D 55/028</a> take precedence; for indicating incorrect storage <a href="#">B65D 79/02</a> ) } |
| B65D 51/249  | ..    | { the closure being specifically formed for supporting the container }   |
| B65D 51/26   | ..    | with means for keeping contents in position, e.g. resilient means  |
| B65D 51/28   | ..    | with auxiliary containers for additional articles or materials { ( <a href="#">B65D 51/247</a> takes precedence ) }  |
| B65D 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 }           |
| B65D 51/2814 | ....  | { the additional article or materials being released by piercing, cutting or tearing an element enclosing it }   |
| B65D 51/2821 | ..... | { said element being a blister, a capsule or like sealed container }   |
| B65D 51/2828 | ..... | { said element being a film or a foil ( <a href="#">B65D 51/2821</a> , <a href="#">B65D 51/2842</a> take precedence ) }  |
| B65D 51/2835 | ..... | { ruptured by a sharp element, e.g. a cutter or a piercer }  |
| B65D 51/2842 | ..... | { said element being provided with a preformed weakened line ( <a href="#">B65D 51/2821</a> takes precedence ) }   |
| B65D 51/285  | ..... | { ruptured by a sharp element, e.g. a cutter or a piercer }  |
| B65D 51/2857 | ....  | { the additional article or materials being released by displacing or removing an element enclosing it ( <a href="#">B65D 51/2814</a> takes precedence ) }   |
| B65D 51/2864 | ..... | { the element being a plug or like element closing a passage between the auxiliary container and the main container }  |
| B65D 51/2871 | ..... | { the plug falling into the main container }   |

- B65D 51/2878 . . . . . { the element being a lid or cover seated on a passage between the auxiliary container and the main container }
- B65D 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 }
- B65D 51/2892 . . . . . { the element, e.g. a valve, opening an aperture of the auxiliary container ( [B65D 51/2864](#) , [B65D 51/2878](#) take precedence ) }
- B65D 51/30 . . . . . for desiccators
- B65D 51/32 . . . . . with brushes or rods for applying or stirring contents ( droppers [B65D 47/18](#) ; { eating utensils or spatulas [B65D 51/246](#) } )

**B65D 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 B65D339, or in the groups [B65D 41/005](#) , [B65D 41/00D](#)

- B65D 53/02 . . . . . Collars or rings
- B65D 53/04 . . . . . Discs
- B65D 53/06 . . . . . Sealings formed by liquid or plastic material
- B65D 53/08 . . . . . Flexible adhesive strips adapted to seal filling or discharging apertures
- B65D 53/10 . . . . . characterised by special adaptation to acid-proof vessels

**B65D 55/00      Accessories for container closures not otherwise provided for**

- B65D 55/02 . . . . . Locking devices ; Means for discouraging or indicating unauthorised opening or removal of closure ( protective covers for bottles [B65D 23/08](#) ; { [B65D 41/32](#) takes precedence } ; protective cap-like outer covers for bottle or jar closures [B65D 41/28](#) ; pressure-applying means [B65D 45/00](#) ] )
- B65D 55/022 . . . . . { with ratchet effect between relatively rotating parts ( [B65D 41/3404](#) , [B65D 50/04](#) take precedence ) }
- B65D 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 ) }
- B65D 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 ) }
- B65D 55/028 . . . . . { initial opening or unauthorised access being indicated by the presence or absence of an audible or electrical signal }
- B65D 55/04 . . . . . Spring clips, e.g. of wire, of sheet metal
- B65D 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 } ; applying labels to bottles [B65C 3/06](#) ,

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|              |       | <a href="#">9/00</a> ; seals per se <a href="#">G09F 3/00</a> )  |
| B65D 55/063  | ...   | { Muzzlets }   |
| B65D 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 } |
| B65D 55/08   | ...   | Annular elements encircling container necks  |
| B65D 55/0809 | ....  | { Destructible filamentary elements ( non-destructible elements <a href="#">B65D 45/322</a> ) }  |
| B65D 55/0818 | ....  | [Destructible or permanently removable bands, e.g. adhesive]   |
| B65D 55/0827 | ..... | { Separate tamper bands inserted between container and closure ( <a href="#">B65D 41/32</a> takes precedence ) }   |
| B65D 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 <a href="#">B65D 17/22</a> ) }   |
| B65D 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 }   |
| B65D 55/0854 | ..... | { Shrink-film bands ( <a href="#">B65D 41/54</a> , <a href="#">B65D 41/62</a> take precedence ) }  |
| B65D 55/0863 | ....  | { Plastic snap-on cap-like collars having frangible parts ( collar for maintaining rigid discs in sealing engagement with mouth of containers <a href="#">B65D 51/145</a> ) }  |
| B65D 55/0872 | ....  | { Destructible rigid elements snapping into annular grooves in closure for maintaining closure on container ( non-destructible elements <a href="#">B65D 45/322</a> ) }  |
| B65D 55/0881 | ....  | { Closure not directly connected to container, but connected by means of a destructible intermediate ring ( <a href="#">B65D 55/0863</a> takes precedence ) }  |
| B65D 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 ( <a href="#">B65D 41/32</a> takes precedence ) }   |
| B65D 55/10   | ..    | Locking pins { ( destructible locking pins <a href="#">B65D 55/06</a> ) }  |
| B65D 55/12   | ..    | Devices or means with relatively-moving parts co-operating with abutments on bottle or jar ( { <a href="#">B65D 55/022</a> takes precedence } ; applications of locks <a href="#">B65D 55/14</a> )   |
| B65D 55/14   | ..    | Applications of locks, e.g. of permutation or key-controlled locks   |
| B65D 55/145  | ...   | { of permutation locks }   |
| B65D 55/16   | .     | Devices preventing loss of removable closure members   |
| B65D 55/165  | ..    | { by an element constrained within the container neck, i.e. the element passing through the container opening }  |

**Guidance heading:** Kinds or types of packaging elements

|                   |  |
|-------------------|--|
| <b>B65D 57/00</b> | 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 { ( <a href="#">B65D 71/00E</a> takes precedence ) }                                |
| <b>B65D 59/00</b> | 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](#) ) }

- B65D 59/02 . Plugs
- B65D 59/04 . Sleeves, e.g. postal tubes
- B65D 59/06 . Caps
- B65D 59/08 . . of polygonal cross-section
  
- B65D 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](#) )**
  
- B65D 61/02 . Tubular frames with resilient joints
  
- B65D 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 7/08 C](#); for supporting pipes, cables or protective tubing [F16L 3/137](#) ; { for bundling pipes [F16L 3/233](#) } )**
  
- B65D 63/02 . Metallic straps, tapes, or bands ; Joints between ends thereof
- B65D 63/04 . . Joints produced by deformation of ends of elements
- B65D 63/06 . . Joints produced by application of separate securing members, e.g. by deformation thereof
- B65D 63/08 . . . Joints using buckles, wedges, or like locking members attached to the ends of the elements
  
- B65D 63/10 . Non-metallic straps, tapes, or bands ; Filamentary elements, e.g. strings, threads, wires ; Joints between ends thereof
- B65D 63/1009 . . { Adhesive tapes ( composition of the tapes [C09J 7/00](#) ) }
- B65D 63/1018 . . { Joints produced by application of integral securing members, e.g. buckles, wedges, tongue and slot, locking head and teeth or the like }
- B65D 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 }
- B65D 63/1036 . . . . { the female locking member being provided with at least one metal barb }
- B65D 63/1045 . . . . . { the barb having a plurality of serrations }
- B65D 63/1054 . . . . . { with barbs situated on opposite sides of, or concentrically in, the female locking member }
- B65D 63/1063 . . . . { the female locking member being provided with at least one plastic barb }
- B65D 63/1072 . . . . . { the barb having a plurality of serrations }
- B65D 63/1081 . . . . . { with barbs situated on opposite sides of, or concentrically in, the female locking member }
  
- B65D 63/109 . . { Application of elastics or like elements }
- B65D 63/12 . . Joints produced by deformation or tying of ends of elements
- B65D 63/14 . . Joints produced by application of separate securing members
- B65D 63/16 . . . Joints using buckles, wedges, or like locking members attached to the end of the element

B65D 63/18 . Elements provided with handles or other suspension means

**B65D 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

B65D 65/02 . Wrappers or flexible covers  
 B65D 65/04 . . non-rectangular  
 B65D 65/06 . . . formed with foldable flaps, e.g. interlocking flaps  
 B65D 65/08 . . . with fastening elements, e.g. slide fasteners  
 B65D 65/10 . . rectangular  
 B65D 65/12 . . . formed with crease lines to facilitate folding  
 B65D 65/14 . . with areas coated with adhesive  
 B65D 65/16 . . with provision for excluding or admitting light  
 B65D 65/18 . . . with some areas transparent and others opaque  
 B65D 65/20 . . . with provision for excluding light of a particular wavelength  
 B65D 65/22 . . Details  
 B65D 65/24 . . . Tabs or other projections for locating contents

B65D 65/38 . Packaging materials of special type or form  
 B65D 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 77/20D](#) , [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](#) )]

B65D 65/403 . . . { with at least one corrugated layer }  
 B65D 65/406 . . . { with at least one layer provided with a relief other than corrugations }  
 B65D 65/42 . . Applications of coated or impregnated materials  
 B65D 65/44 . . Applications of resilient shock-absorbing materials, e.g. foamed plastics material, honeycomb material  
 B65D 65/46 . . Applications of disintegrable, dissolvable or edible materials  
 B65D 65/463 . . . { Edible packaging materials }  
 B65D 65/466 . . . { Bio- or photodegradable packaging materials }

**B65D 67/00** **Kinds or types of packaging elements not otherwise provided for** { ( [B65D 5/425](#) takes precedence ) }

**B65D 67/02** . Clips or clamps for holding articles together for convenience of storage or transport

**Guidance heading: Kinds or types of packages**

**B65D 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](#) )

**B65D 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, pop bottles ; Bales of material** ( binding of hay or straw [A01D](#) , [A01F 1/00](#) ; bundling or baling [B65B](#) , e.g. [B65D 13/00](#) , [B65D 27/00](#) )

- B65D 71/0003** . { Tray-like elements provided with handles, for storage or transport of several articles, e.g. bottles, tins, jars }
- B65D 71/0007** .. { without partitions }
- B65D 71/0011** ... { with separately-attached handles }
- B65D 71/0014** .. { with one longitudinal partition }
- B65D 71/0018** ... { with separately-attached handles }
- B65D 71/0022** .. { formed by folding or erecting one blank, and provided with vertical partitions }
- B65D 71/0025** ... { with separately-attached handles }
- B65D 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 }
- B65D 71/0033** ... { with parts of the walls bent against one another so as to form a longitudinal partition for two rows of articles }
- B65D 71/0037** .... { with additional locating elements for the articles }
- B65D 71/004** .... { with individual openings for holding the articles }
- B65D 71/0044** .... { with separately-attached handles }
- B65D 71/0048** ... { with walls wrapping around a great part of the articles }
- B65D 71/0051** .... { with additional locating elements for the articles }
- B65D 71/0055** .... { with individual openings for holding the articles }
- B65D 71/0059** .... { with separately-attached handles }
- B65D 71/0062** ... { for holding one row of articles }
- B65D 71/0066** .... { with additional locating elements for the articles }
- B65D 71/007** .... { with individual openings for holding the articles }
- B65D 71/0074** .... { with separately-attached handles }
- B65D 71/0077** .. { formed by folding and interconnecting of two or more blanks }
- B65D 71/0081** ... { with separately attached handles }
- B65D 71/0085** . { Packaging elements adhered to the articles, e.g. a carton sheet ( [adhesive tapes B65D 63/1009](#) ) }
- B65D 71/0088** . { Palletisable loads, i.e. loads intended to be transported by means of a fork-lift truck }
- B65D 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 }

- B65D 71/0096 . . . { the dimensions of the supports corresponding to the periphery of the load, e.g. pallets }
- B65D 71/02 . Arrangements of flexible binders
- B65D 71/04 . . with protecting or supporting elements arranged between binder and articles or materials, e.g. for preventing chafing of binder
- B65D 71/06 . Packaging elements holding or encircling completely or almost completely the bundle of articles, e.g. wrappers
- B65D 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](#) ) }
- B65D 71/066 . . . { and provided with inserts ( [B65D 71/10](#) takes precedence ) }
- B65D 71/08 . . Wrappers shrunk by heat { or under tension, e.g. stretch films, films tensioned by compressed articles ( wrappers formed by folding a single blank [B65D 71/12](#) ; wrappers formed by folding two or more blanks [B65D 71/38](#) ) }
- B65D 71/10 . . . and provided with inserts
- B65D 71/12 . . the packaging elements { e.g. wrappers } being formed by folding a single blank
- B65D 71/125 . . . { not having a tubular shape }
- B65D 71/14 . . . having a tubular shape { e.g. tubular wrappers } without end walls ( sleeves [B65D 59/04](#) )
- B65D 71/16 . . . . with article-locating elements
- B65D 71/18 . . . . . Tabs inwardly folded tabs from the upper or lower wall
- B65D 71/20 . . . . . Slits or openings along the fold line of the tubular body
- B65D 71/22 . . . . . Openings or windows formed in the side walls
- B65D 71/24 . . . . with partitions
- B65D 71/243 . . . . . { extending from the side walls }
- B65D 71/246 . . . . . { Inserted partitions }
- B65D 71/26 . . . . . extending from the upper or lower wall
- B65D 71/28 . . . . characterised by the handles
- B65D 71/285 . . . . . { Separately-attached handles }
- B65D 71/30 . . . . . unitary { i.e. integral } with the tubular packaging elements
- B65D 71/32 . . . . . formed by finger-holes
- B65D 71/34 . . . . characterised by { weakened lines or other opening devices }
- B65D 71/36 . . . { having a tubular shape, e.g. tubular wrappers, with } end walls
- B65D 71/38 . . the packaging elements { e.g. wrappers } being formed by folding and interconnecting two or more blanks
- B65D 71/40 . comprising a plurality of articles held together only partially by packaging elements formed by folding a blank { or several blanks }
- B65D 71/403 . . { formed by folding several blanks }
- B65D 71/406 . . . { characterised by the handle }
- B65D 71/42 . . formed by folding a single blank into a single layer element
- B65D 71/44 . . . characterised by the handle
- B65D 71/46 . . formed by folding a single blank into a tubular element
- B65D 71/48 . . . characterised by the handle

- B65D 71/50
  - . comprising a plurality of articles held together only partially by packaging elements formed otherwise than by folding a blank
- B65D 71/502
  - .. { Coaxial connections }
- B65D 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 }
- B65D 71/506
  - ... { and provided with an additional element encircling the periphery of the group of articles }
- B65D 71/508
  - .. { the elements being formed by one or more films or similar, e.g. nets }
- B65D 71/70
  - . Trays provided with projections or recesses in order to assemble multiple articles, e.g. intermediate elements for stacking
- B65D 71/72
  - .. formed by folding one or more blanks, the articles being inserted in openings in a wall { ( trays with apertures located within an external paper container [B65D 5/5038](#) ) }
  
- B65D 73/00**
**Packages comprising articles attached to cards, sheets, or webs ( { [B65D 85/18](#) takes precedence } ; cards for buttons, collar-studs, or sleeve-links [A44B 7/00](#) ; attaching articles to cards, sheets, or webs [B65B 15/00](#) )**
- B65D 73/0007
  - . { the articles being attached to the plane surface of a single card ( [B65D 75/30](#) takes precedence ) }
- B65D 73/0014
  - .. { by means of separate fixing elements, e.g. clips, clamps, bands }
- B65D 73/0021
  - .. { by means of cut-out or marginal tabs, tongues or flaps }
- B65D 73/0028
  - .. { by means of adhesive, heat-seal or the like }
- B65D 73/0035
  - . { the articles being retained within a recess or a series of recesses provided in a single card ( [B65D 75/32](#) takes precedence ) }
- B65D 73/0042
  - . { the articles being retained within a window, hole or other cut-out portion of a single card }
- B65D 73/005
  - .. { by means of separate fixing elements, e.g. clips, clamps, bands }
- B65D 73/0057
  - ... { by means of a preformed enclosure, e.g. a bulb }
- B65D 73/0064
  - . { the articles being supported by or suspended from a tag-like element ( [hangers for wearing apparel A47G 25/00](#) ) }
- B65D 73/0071
  - .. { the tag-like element being doubled-over to engage the upper part of the article }
- B65D 73/0078
  - . { the articles being retained or enclosed in a folded-over or doubled card ( [B65D 75/20](#) takes precedence ) }
- B65D 73/0085
  - .. { within a window, hole or cut-out portion }
- B65D 73/0092
  - ... { combined with a preformed enclosure, e.g. a bulb }
- B65D 73/02
  - . Articles, e.g. small electrical components, attached to webs
  
- B65D 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](#) )**
- B65D 75/002
  - . { in shrink films ( [B65D 71/00CA5B](#) takes precedence ) }

- B65D 75/004 . . { with auxiliary packaging elements, e.g. protective pads or frames, trays }
- B65D 75/006 . { in stretch films }
- B65D 75/008 . { Standing pouches, i.e. "Standbeutel" }
- B65D 75/02 . Articles partially enclosed in folded or wound strips or sheets, e.g. wrapped newspapers
- B65D 75/04 . Articles or materials wholly enclosed in single sheets or wrapper blanks
- B65D 75/06 . . in sheets or blanks initially folded to form tubes
- B65D 75/08 . . . with the ends of the tube closed by folding
- B65D 75/10 . . . with the ends of the tube closed by twisting
- B65D 75/12 . . . with the ends of the tube closed by flattening and heat-sealing
- B65D 75/14 . . in sheets or blanks folded-up around all sides of the contents from a portion on which the contents are placed
- B65D 75/16 . . . the upstanding portion of the wrapper being closed by twisting
- B65D 75/18 . . . the upstanding portion of the wrapper being closed by regular or irregular folds or pleats, e.g. bunch-wrapped packages
- B65D 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
- B65D 75/22 . . . the sheet or blank being recessed to accommodate contents { ( containers simulating a book [B65D 77/006](#) ) }
- B65D 75/225 . . . . { the sheet or blank comprising more than one fold line ( [B65D 75/245](#) takes precedence ) }
- B65D 75/24 . . . . and formed with several recesses to accommodate a series of articles or quantities of material
- B65D 75/245 . . . . . { the sheet or blank comprising more than one fold line }
- B65D 75/26 . Articles or materials wholly enclosed in laminated sheets or wrapper blanks
- B65D 75/28 . Articles or materials wholly enclosed in composite wrappers, i.e. wrappers formed by associating or interconnecting two or more sheets or blanks
- B65D 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
- B65D 75/305 . . . { Skin packages }
- B65D 75/32 . . . one or both sheets or blanks being recessed to accommodate contents
- B65D 75/321 . . . . { Both sheets being recessed }
- B65D 75/322 . . . . . { and forming one compartment }
- B65D 75/323 . . . . . { and forming several compartments }
- B65D 75/324 . . . . . { the compartments being interconnected, e.g. by small channels }
- B65D 75/325 . . . . { one sheet being recessed, and the other being a flat not- rigid sheet, e.g. puncturable or peelable foil }
- B65D 75/326 . . . . . { and forming one compartment }
- B65D 75/327 . . . . . { and forming several compartments }
- B65D 75/328 . . . . . { the compartments being interconnected, e.g. by small channels }



- B65D 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](#) , [B65D 75/32H](#) and subgroups
- B65D 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 ) }
- B65D 75/366 . . . . { and forming one compartment }
- B65D 75/367 . . . . { and forming several compartments }
- B65D 75/368 . . . . { the compartments being interconnected, e.g. by small channels }
- B65D 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](#) ) }
- B65D 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
- B65D 75/42 . . Chains of interconnected packages
- B65D 75/44 . . Individual packages cut from webs or tubes
- B65D 75/46 . . . . containing articles
- B65D 75/48 . . . . containing liquids, semi-liquids, or pastes, e.g. cushion-shaped packages
- B65D 75/50 . . . . Tetrahedral packages
- B65D 75/52 . . Details
- B65D 75/522 . . { Inspection openings or windows }
- B65D 75/525 . . { External rigid or semi-rigid supports }
- B65D 75/527 . . { Tear-lines for separating a package into individual packages ( [B65D 1/30](#) , [B65D 21/0206](#) , [B65D 75/34](#) take precedence ) }
- B65D 75/54 . . Cards, coupons, or other inserts or accessories ( opening devices [B65D 75/70](#) )
- B65D 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](#) ) }
- B65D 75/56 . . . . Handles or other suspension means
- B65D 75/563 . . . . { Integral handles or suspension means ( [B65D 75/566](#) takes precedence ) }
- B65D 75/566 . . . . { Hand holes or suspension apertures }
- B65D 75/58 . . Opening or contents-removing devices added or incorporated during package manufacture { ( [B65D 75/36](#) , [B65D 85/1027](#) take precedence ) }
- B65D 75/5805 . . . { for tearing a side strip parallel and next to the edge, e.g. by means of a line of weakness }
- B65D 75/5811 . . . . { and defining, after tearing, a small dispensing spout, a small orifice or the like }
- B65D 75/5816 . . . { for tearing a corner or other small portion next to the edge, e.g. a U-shaped portion }

- B65D 75/5822 . . . . { and defining, after tearing, a small dispensing spout, a small orifice or the like }
- B65D 75/5827 . . . { Tear-lines provided in a wall portion ( [B65D 75/58 B](#), [B65D 75/5816](#) take precedence ) }
- B65D 75/5833 . . . . { for tearing out a portion of the wall }
- B65D 75/5838 . . . . . { combined with separate fixed tearing means, e.g. tabs }
- B65D 75/5844 . . . . . { the portion of the wall being a narrow strip, e.g. between lines of weakness ( [B65D 75/5838](#) takes precedence ) }
- B65D 75/585 . . . . { the tear-lines being broken by deformation or bending }
- B65D 75/5855 . . . { Peelable seals }
- B65D 75/5861 . . . { Spouts ( [B65D 75/5811](#) , [B65D 75/5822](#) take precedence ) }
- B65D 75/5866 . . . . { Integral spouts }
- B65D 75/5872 . . . . { Non-integral spouts }
- B65D 75/5877 . . . . . { connected to a planar surface of the package wall }
- B65D 75/5883 . . . . . { connected to the package at the sealed junction of two package walls }
- B65D 75/5888 . . . { Tear-lines for removing successive sections of a package ( for separating package into individual packages [B65D 75/527](#) ) }
- B65D 75/5894 . . . { Preformed openings provided in a wall portion and covered by a separate removable flexible element }
- B65D 75/66 . . . Inserted or applied tearing-strings or like flexible elements
- B65D 75/68 . . . . extending through wrapper closure or between wrapper layers
- B65D 75/70 . . . Rigid cutting or tearing devices

**B65D 77/00 Packages formed by enclosing articles or materials in preformed containers, e.g. boxes, cartons, sacks, bags**

- B65D 77/003 . { Articles enclosed in rigid or semi-rigid containers, the whole being wrapped }
- B65D 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](#) ) }
- B65D 77/02 . Wrapped articles enclosed in rigid or semi-rigid containers
- B65D 77/04 . Articles or materials enclosed in two or more containers disposed one within another
- B65D 77/0406 . . { Rigid containers in preformed flexible containers }
- B65D 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 }
- B65D 77/042 . . . { the inner container being of polygonal cross-section formed by folding or erecting one or more blanks, e.g. carton }
- B65D 77/0426 . . . { the inner container being a bottle, canister or like hollow container }
- B65D 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 ) }
- B65D 77/044 . . . { the inner container being a filled deformable tube }
- B65D 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 ) }

- B65D 77/0453 . . . { the inner container having a polygonal cross-section }
- B65D 77/046 . . . . { and being a tray or like shallow container }
- B65D 77/0466 . . . . { the containers being mounted on a pallet }
- B65D 77/0473 . . . { the inner container being a filled deformable tube }
- B65D 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 ) }
- B65D 77/0486 . . . { the inner container being coaxially disposed within the outer container ( [B65D 81/3876](#) takes precedence ) }
- B65D 77/0493 . . . . { and retained at a distance of the inner side-wall of the outer container, e.g. within a bottle neck }
- B65D 77/06 . . Liquids or semi-liquids { or other materials or articles } enclosed in flexible containers disposed within rigid containers
- B65D 77/061 . . . { the containers being mounted on a pallet }
- B65D 77/062 . . . { Flexible containers disposed within polygonal containers formed by folding a carton blank }
- B65D 77/064 . . . . { comprising discharging means formed by cutting a part, e.g. a corner, of the flexible container }
- B65D 77/065 . . . . { Spouts, pouring necks or discharging tubes fixed to or integral with the flexible container }
- B65D 77/067 . . . . . { combined with a valve, a tap or a piercer }
- B65D 77/068 . . . . { Spouts formed separately from the container }
- B65D 77/08 . Materials, e.g. different materials, enclosed in separate compartments formed during filling of a single container
- B65D 77/10 . Container closures formed after filling ( { for sacks or bags [B65D 33/16](#) } ; closing filled containers in association with packaging [B65B 7/00](#) , [B65B 51/00](#) )
- B65D 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, applying a separate securing member
- B65D 77/14 . . by flattening and subsequently folding or rolling the mouth portion
- B65D 77/16 . . by collapsing and twisting mouth portion
- B65D 77/18 . . . and securing by a deformable clip or binder
- B65D 77/185 . . . . { with means for discouraging or for indicating unauthorised opening or removal }
- B65D 77/20 . . by applying separate lids or covers, { i.e. flexible membrane or foil-like covers }
- B65D 77/2004 . . . { the cover being maintained on the container by mechanical means, e.g. crimping, clamping, riveting ( [B65D 77/2024](#) takes precedence ) }
- B65D 77/2008 . . . . { the container flange being crimped over the cover }
- B65D 77/2012 . . . . { the cover being crimped or folded over the container flange }
- B65D 77/2016 . . . . { the cover being maintained by projections or recesses on the container }
- B65D 77/202 . . . . { the cover being connected to the container by separate circumferential ring elements }
- B65D 77/2024 . . . { the cover being welded or adhered to the container }
- B65D 77/2028 . . . . { Means for opening the cover other than, or in addition to, a pull tab }
- B65D 77/2032 . . . . . { by peeling or tearing the cover from the container }
- B65D 77/2036 . . . . . { the seal having a stress concentrating portion }

|                   |   |  |
|-------------------|---|--|
| B65D 77/204       | .....   | { the cover having an unsealed portion for initiating removal ( <a href="#">B65D 77/2036</a> takes precedence ) }  |
| B65D 77/2044      | .....   | { whereby a layer of the container or cover fails, e.g. cohesive failure ( <a href="#">B65D 77/2036</a> takes precedence ) }   |
| B65D 77/2048      | .....   | { whereby part of the container or cover has been weakened, e.g. perforated or precut ( <a href="#">B65D 77/2036</a> takes precedence ) }  |
| B65D 77/2052      | .....   | { the container being weakened }   |
| B65D 77/2056      | .....   | { the cover being weakened }   |
| B65D 77/206       | .....   | { so as to uncover one or more preformed openings made through some layers of the cover }  |
| B65D 77/2064      | .....   | { the seal being locally weakened, e.g. by using a sealing inhibitor }   |
| B65D 77/2068      | ....  | { Means for reclosing the cover after its first opening }  |
| B65D 77/2072      | ....  | { Mechanical means }   |
| B65D 77/2076      | .....   | { provided by the cover itself }   |
| B65D 77/208       | .....   | { the cover having a cap-like or plug-like shape }   |
| B65D 77/2084      | .....   | { the cover being maintained reclosed by a part folded over the container rim }  |
| B65D 77/2088      | .....   | { attached to the cover }  |
| B65D 77/2092      | .....   | { the means being a part initially broken from the container }   |
| B65D 77/2096      | ....  | { Adhesive means }   |
| B65D 77/22        | . Details   |  |
| B65D 77/225       | ..  | { Pressure relief-valves incorporated in a container wall, e.g. valves comprising at least one elastic element }   |
| B65D 77/24        | ..  | Inserts or accessories added or incorporated during filling of containers ( <a href="#">opening devices B65D 77/30</a> )   |
| B65D 77/245       | ...   | { Utensils for removing the contents from the package, e.g. spoons, forks, spatulas ( <a href="#">B65D 77/28</a> takes precedence ) }  |
| B65D 77/26        | ...   | Elements or devices for locating or protecting articles  |
| B65D 77/28        | ...   | Cards, coupons, or drinking straws { ( <a href="#">B65D 5/4212</a> , <a href="#">B65D 23/14</a> , <a href="#">B65D 25/205</a> , <a href="#">B65D 33/004</a> , <a href="#">B65D 51/245</a> , <a href="#">B65D 75/54</a> take precedence ) } |
| B65D 77/283       | ....  | { located initially inside the container, whereby the straw is revealed only upon opening the container, e.g. pop-up straws }  |
| B65D 77/286       | ....  | { formed integrally with the container ( <a href="#">containers having integrally formed tubes with contents expelled by deforming the container B65D 1/326</a> ) }  |
| B65D 77/30        | ..  | Opening or contents-removing devices added or incorporated during filling or closing of containers { ( <a href="#">B65D 77/20</a> takes precedence ) }   |
| B65D 77/32        | ...   | Tearing-strings or like flexible elements  |
| B65D 77/34        | ....  | enclosed in a mouth seal   |
| B65D 77/36        | ....  | disposed beneath a wrapper, label, or other element of sheet material securing a lid, cover, or container mouth  |
| B65D 77/38        | ...   | Weakened closure seams   |
| B65D 77/40        | ...   | Rigid cutting or tearing devices   |
| <b>B65D 79/00</b> | <b>Kinds or details of packages, not otherwise provided for</b> |  |
| B65D 79/005       | .   | { Containers or closures having deformable parts for indicating or neutralising internal   |

pressure-variations }

- B65D 79/02 . Arrangements or devices for indicating incorrect storage or transport ( { [B65D 79/005](#) takes precedence } ; measuring devices [G01](#) )

**Guidance heading:** 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

**B65D 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

- B65D 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](#) ) }
- B65D 81/022 . . { Containers made of shock-absorbing material ( [B65D 81/03](#) takes precedence; for thermal insulating purposes [B65D 81/3813](#) ) }
- B65D 81/025 . . { Containers made of sheet-like material and having a shape to accommodate contents }
- B65D 81/027 . . . { double-walled ( for thermal insulating purposes [B65D 81/3818](#) , [B65D 81/383](#) ) }
- B65D 81/03 . . Wrappers or envelopes with shock-absorbing properties, e.g. bubble films { ( for thermal insulating purposes [B65D 81/3888](#) ) }
- B65D 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 )
- B65D 81/051 . . . { using pillow-like elements filled with cushioning material, e.g. elastic foam, fabric }
- B65D 81/052 . . . . { filled with fluid, e.g. inflatable elements }
- B65D 81/053 . . . { Corner, edge or end protectors }
- B65D 81/054 . . . . { Protectors contacting two generally perpendicular surfaces of the packaged article, e.g. edge protectors ( [B65D 81/055](#) takes precedence ) }
- B65D 81/055 . . . . { Protectors contacting three surfaces of the packaged article, e.g. three-sided edge protectors ( [B65D 81/058](#) takes precedence ) }
- B65D 81/056 . . . . . { the surfaces being generally perpendicular to each other, e.g. three-sided corner protectors }
- B65D 81/057 . . . . { Protectors contacting four surfaces of the packaged article, e.g. four-sided corner protectors }
- B65D 81/058 . . . . { Protectors contacting five surfaces of the packaged article, e.g. five-sided end protectors }
- B65D 81/07 . . . using resilient suspension means { ( [B65D 81/051](#) takes precedence ) }
- B65D 81/075 . . . . { the contents being located between two membranes stretched between opposed sides of the package }
- B65D 81/09 . . . using flowable discrete elements of shock-absorbing material, e.g. pellets, popcorn { ( [B65D 81/051](#) takes precedence ) }
- B65D 81/107 . . . using blocks of shock-absorbing material
- B65D 81/1075 . . . . { deformable to accommodate contents }
- B65D 81/113 . . . . of a shape specially adapted to accommodate contents { ( [B65D 81/053](#)

- takes precedence ) }
- B65D 81/127 . . . using rigid or semi-rigid sheets of shock-absorbing material { ( [B65D 81/025](#) takes precedence ) }
- B65D 81/1275 . . . . { laminated or bonded to the inner wall of a container ( for thermal insulating purposes [B65D 81/3858](#) ) }
- B65D 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](#) ) }
- B65D 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](#) )
- B65D 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](#) ) }
- B65D 81/2007 . . . { under vacuum }
- B65D 81/2015 . . . . { in an at least partially rigid container ( [B65D 81/2038](#) takes precedence ) }
- B65D 81/2023 . . . . { in a flexible container ( [B65D 81/2038](#) takes precedence ) }
- B65D 81/203 . . . . . { with one or several rigid inserts }
- B65D 81/2038 . . . . { with means for establishing or improving vacuum }
- B65D 81/2046 . . . { under superatmospheric pressure ( [B65D 81/2069](#) takes precedence ) }
- B65D 81/2053 . . . . { in an at least partially rigid container }
- B65D 81/2061 . . . . { in a flexible container }
- B65D 81/2069 . . . { in a special atmosphere }
- B65D 81/2076 . . . . { in an at least partially rigid container }
- B65D 81/2084 . . . . { in a flexible container }
- B65D 81/2092 . . . . . { with one or several rigid inserts }
- B65D 81/22 . . in moist conditions or immersed in liquids
- B65D 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](#) )
- B65D 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](#) ) }
- B65D 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
- B65D 81/261 . . . { for draining or collecting liquids without absorbing them }
- B65D 81/262 . . . . { Rigid containers having false bottoms provided with passages for draining and receiving liquids }
- B65D 81/263 . . . { for ventilating the contents ( [B65D 5/4295](#) , [B65D 51/1605](#) take precedence ) }
- B65D 81/264 . . . { for absorbing liquids }
- B65D 81/265 . . . . { the absorbent being placed beneath a false bottom }
- B65D 81/266 . . . { for absorbing gases, e.g. oxygen absorbers or desiccants ( [B65D 51/244](#) , [B65D 51/30](#) take precedence ) }
- B65D 81/267 . . . . { the absorber being in sheet form }
- B65D 81/268 . . . . { the absorber being enclosed in a small pack, e.g. bag, included in the package }



- B65D 81/28 .. Applications of food preservatives, fungicides, pesticides, or animal repellents
- B65D 81/30 .. by excluding light or other outside radiation ( [wrappers B65D 65/16](#) )
  
- B65D 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 5/066](#) ; 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](#) } )
  
- B65D 81/3205 .. { Separate rigid or semi-rigid containers joined to each other at their external surfaces ( [B65D 81/3288](#) takes precedence ) }
- B65D 81/3211 ... { coaxially and provided with means facilitating admixture }
- B65D 81/3216 .. { Rigid containers disposed one within the other }
- B65D 81/3222 ... { with additional means facilitating admixture }
- B65D 81/3227 ... { arranged parallel or concentrically and permitting simultaneous dispensing of the two materials without prior mixing ( [B65D 81/325](#) takes precedence ) }
  
- B65D 81/3233 .. { Flexible containers disposed within rigid containers }
- B65D 81/3238 ... { with additional means facilitating admixture }
- B65D 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 ) }
  
- B65D 81/325 .. { Containers having parallel or coaxial compartments, provided with a piston or a movable bottom for discharging contents }
- B65D 81/3255 .. { Containers provided with a piston or a movable bottom, and permitting admixture within the container }
  
- B65D 81/3261 .. { Flexible containers having several compartments }
- B65D 81/3266 ... { separated by a common rupturable seal, a clip or other removable fastening device }
- B65D 81/3272 ... { formed by arranging one flexible container within another }
- B65D 81/3277 .. { Ampoules }
- B65D 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 ) }
  
- B65D 81/3288 ... { composed of two or more separate containers joined to each other }
- B65D 81/3294 .. { Thermoformed trays or the like with a plurality of recesses for different materials located in different recesses }
  
- B65D 81/34 . for packaging foodstuffs { or other articles } intended to be cooked or heated within the package
- B65D 81/3407 .. { specially adapted to be heated over a heat source, e.g. a hob, campfire }
- B65D 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 81/00B](#) ) }
  
- B65D 81/3423 ... { Packages shrinking in hot water, e.g. for boiling hams }
- B65D 81/343 .. { specially adapted to be heated in a conventional oven, e.g. a gas or electric resistance oven }
  
- B65D 81/3438 .. { specially adapted to be heated by steaming ( [au-bain-marie L65D 81/34H200C](#) ) }
- B65D 81/3446 .. { specially adapted to be heated by micro-waves }
- B65D 81/3453 ... { Rigid containers, e.g. trays, bottles, boxes, cups }

- B65D 81/3461 . . . { Flexible containers, e.g. bags, pouches, envelopes }
- B65D 81/3469 . . . . { Pop-corn bags }
- B65D 81/3476 . . { Packages provided with an electrical circuit, e.g. resistances, for heating the contents ( [microwave susceptors L65D 81/34M700S](#) ) }
- B65D 81/3484 . . { Packages having self-contained heating means, e.g. heating generated by the reaction of two chemicals ( [warming devices A47J 36/24](#) ) }
- B65D 81/3492 . . { specially adapted to be heated in a toaster }
  
- B65D 81/36 . . adapted to be used for non-packaging purposes after removal of contents
- B65D 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](#) ) }
- B65D 81/363 . . { Containers forming or being transformable into items of wearing apparel, e.g. shirt, apron, hat }
- B65D 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 ) }
- B65D 81/366 . . . { the container closure only being provided with a three dimensional figure, e.g. chess piece, animal }
- B65D 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](#) ) }
  
- B65D 81/38 . . with thermal insulation ( [vacuum bottles or the like A47J 41/00](#) ; { thermal insulation of domestic water storage heaters [F24H 1/18B4](#) } )
- B65D 81/3802 . . { rigid container in the form of a barrel or vat }
- B65D 81/3804 . . . { formed of foam material }
- B65D 81/3806 . . . { formed with double walls, i.e. hollow }
- B65D 81/3809 . . . { provided with liquid material between double walls }
- B65D 81/3811 . . . { formed of different materials, e.g. laminated or foam filling between walls }
- B65D 81/3813 . . { rigid container being in the form of a box, tray or like container }
- B65D 81/3816 . . . { formed of foam material }
- B65D 81/3818 . . . { formed with double walls, i.e. hollow }
- B65D 81/382 . . . { provided with liquid material between double walls }
- B65D 81/3823 . . . { formed of different materials, e.g. laminated or foam filling between walls }
- B65D 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 }
- B65D 81/3827 . . . { the external tray being formed of foam material }
- B65D 81/383 . . . { the external tray being formed with double walls, i.e.hollow }
- B65D 81/3832 . . . { the external tray being provided with liquid material between double walls }
- B65D 81/3834 . . . { the external tray being formed of different materials, e.g. laminated or foam filling between walls }
- B65D 81/3837 . . { rigid container in the form of a bottle, jar or like container }
- B65D 81/3839 . . . { formed of foam material }
- B65D 81/3841 . . . { formed with double walls, i.e. hollow }
- B65D 81/3844 . . . { provided with liquid material between double walls }
- B65D 81/3846 . . . { formed of different materials, e.g. laminated or foam filling between walls }

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

**B65D 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 cabinets with dispensing arrangements [A47F 3/02](#) ; { for surgical articles [A61B 19/026](#) } ; magazines for screws or nuts in combination with spanners, wrenches or screw-drivers [B25B 23/06](#) ; nail dispensers [B25C 3/00](#) ; for use in connection with the handling of sheets, webs, or filamentary material [B65H](#) ; coin deliverers [G07D 1/00](#) ; { coin-freed apparatus for dispensing discrete articles [G07F 11/00](#) } )

**WARNING**

Groups [B65D 83/75](#) to [B65D 83/759](#) do not correspond to former or current IPC groups. Concordance CPC : IPC for these groups is as follows: - [B65D 83/75](#) to [B65D 83/759](#) : [B65D 83/14](#)

- B65D 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 ) }
- B65D 83/0011 . . { moved by a screw-shaft }
- B65D 83/0016 . . . { the contents being forced out through the screw-shaft }
- B65D 83/0022 . . { moved by a reciprocable plunger }
- B65D 83/0027 . . { piston co-operating with a screw-thread in the side wall of the container }

- B65D 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 }
- B65D 83/0038 . . { moved by a spring-like mechanism ( [B65D 83/005](#) , [B65D 83/0817](#) , [B65D 83/0858](#) take precedence ) }
- B65D 83/0044 . . { the piston having a dispensing opening formed in the piston ( [B65D 83/0016](#) takes precedence ) }
- B65D 83/005 . . { the piston or movable bottom being pulled upwards to dispense the contents }
- B65D 83/0055 . { Containers or packages provided with a flexible bag or a deformable membrane or diaphragm for expelling the contents }
- B65D 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 }
- B65D 83/0066 . . { the contents of a flexible bag being expelled by twisting the bag }
- B65D 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 }
- B65D 83/0077 . . { moves by a spring-like mechanism }
- B65D 83/0083 . { Containers comprising an internal rotating wing for expelling the contents }
- B65D 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 }
- B65D 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 ) }
- B65D 83/02 . for dispensing rod-shaped articles, e.g. needles ( { packages for cigarettes provided with dispensing means [B65D 85/1009](#) } ; cigar or cigarette receptacles or boxes [A24F 15/00](#) ; { dispensers for drinking straws [A47G 21/184](#) } )
- B65D 83/04 . for dispensing annular, disc-shaped, spherical, or like small articles, e.g. tablets, pills
- B65D 83/0409 . . { the dispensing means being adapted for delivering one article, or a single dose, upon each actuation ( [B65D 83/0445](#) takes precedence ) }
- B65D 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 }
- B65D 83/0427 . . . { the articles being dispensed by inverting the container each time, by which action movable parts may be displaced by their own weight }
- B65D 83/0436 . . . { the articles being dispensed by pinching action on a flexible tube }
- B65D 83/0445 . . { all the articles being stored in individual compartments }
- B65D 83/0454 . . . { the whole forming a circular container with rotating parts ( [B65D 83/0463](#) takes precedence ) }
- B65D 83/0463 . . . { formed in a band or a blisterweb, inserted in a dispensing device or container }
- B65D 83/0472 . . . . { the band being wound in flat spiral, folded in accordion or the like }
- B65D 83/0481 . . { the articles passing through a small opening or passage, without additional dispensing devices and without retaining means for the following article }
- B65D 83/049 . . { the dispensing means forming a part of a removable closure, e.g. gripping teeth, cavity }
- B65D 83/06 . for dispensing powdered or granular material ( { [B65D 83/04](#) takes precedence } ; spraying or atomising apparatus in general [B05B](#) )

B65D 83/08 . for dispensing thin flat articles in succession { ( towel dispensers intended for re-use [A47K 10/24](#) ) }

# **NOTE**

[B65D 83/10](#) and [B65D 83/12](#) take precedence over [B65D 83/0805](#) to [B65D 83/08](#) H

B65D 83/0805 .. { through an aperture in a wall }

B65D 83/0811 ... { with means for assisting dispensing }

B65D 83/0817 .... { the articles being automatically urged towards the dispensing aperture, e.g. spring-loaded ( [B65D 83/008B1B](#) takes precedence ) }

B65D 83/0823 .... { the articles being pushed and slid through the aperture }

B65D 83/0829 ..... { by means of an actuator }

B65D 83/0835 .... { the articles being pulled out of the container }

B65D 83/0841 .... { and for cutting interconnected articles ( cutting devices for dispensers intended for re-use [B65H 35/008](#) ) }

B65D 83/0847 .. { through an aperture at the junction of two walls }

B65D 83/0852 ... { with means for assisting dispensing }

B65D 83/0858 .... { the articles being automatically urged towards the dispensing aperture, e.g. spring-loaded ( [B65D 83/0864](#) takes precedence ) }

B65D 83/0864 .... { the articles being pushed and slid through the aperture }

B65D 83/087 ..... { by means of an actuator }

B65D 83/0876 .... { the articles being pulled out of the container }

B65D 83/0882 .... { and for cutting interconnected articles ( cutting devices for dispensers intended for re-use [B65H 35/008](#) ) }

B65D 83/0888 .. { with provision for used articles }

B65D 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 }

B65D 83/10 .. for dispensing razor-blades

B65D 83/12 .. for dispensing tickets or tokens

B65D 83/14 . for delivery of liquid or semi-liquid contents by internal gaseous pressure, i.e. aerosol containers { for a product delivered by a propellant ( spraying devices for the destruction of noxious animals or plants [A01M 7/00](#) , for therapeutic purposes [A61M 11/00](#) ; spraying or atomizing apparatus in general [B05B](#) ; aerosol compositions, e.g. propellants [C09K 3/30](#) ; pumping of fluid by direct contact of another fluid, e.g. siphons [F04F](#) ; fluid-delivery valves in general [F16K 21/00](#) ; discharge nozzles in general [F16K 31/58](#) ; vessels for containing or storing compressed, liquefied, or solidified gases [F17C](#) ) }

B65D 83/16 .. characterised by the actuating means { ( actuation occurring by moving the aerosol container relative to an outer shell [B65D 83/386](#) ; involved in metering valve assemblies [B65D 83/546](#) ) }

B65D 83/20 ... { operated by manual action, e.g. button-type actuator or } actuator cap { ( actuators formed as a rigid elongate spout [B65D 83/306](#) ) }

B65D 83/201 .... { Lever-operated actuators ( [B65D 83/206](#) takes precedence ) }

B65D 83/202 ..... { combined with a hand grip ( Hand-held or body-worn self-defense devices using aerosol containers [F41H 9/10](#) ) }

B65D 83/203 ..... { comprising an extension rod located between the aerosol container



|             |       |  |
|-------------|-------|--|
|             |       | and the hand grip ( <a href="#">setting-out line markings on playing courts A63C 19/065</a> ; <a href="#">marking-out on finished paving by spraying from aerosol containers E01C 23/227</a> ) }   |
| B65D 83/205 | ....  | { Actuator caps, or peripheral actuator skirts, attachable to the aerosol container }  |
| B65D 83/206 | ..... | { comprising a cantilevered actuator element, e.g. a lever pivoting about a living hinge }   |
| B65D 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 ( <a href="#">portable spraying apparatus comprising pressurised supply containers B05B 7/2402</a> , <a href="#">B05B 9/0805</a> ; manually actuated controlling means for spraying apparatus <a href="#">B05B 12/002</a> ; actuators connected to the aerosol container by a flexible tube <a href="#">B65D 83/756</a> ) } |
| B65D 83/208 | ....  | { Pull cord operated actuators }   |
| B65D 83/22  | ...   | with means to disable actuation, { e.g. with actuator locking means that can be manually put in place again after use to prevent, e.g. unintended, actuation until next use } ( <a href="#">B65D 50/00</a> takes precedence; { preventing delivery when the container is incorrectly oriented <a href="#">B65D 83/65</a> } )   |
| B65D 83/222 | ....  | { Actuator locking means being automatically repeatedly displaced after each actuation }   |
| B65D 83/224 | ....  | { Tamper indicating means obstructing initial actuation, e.g. removable ( container closure having to be perforated <a href="#">B65D 83/382</a> ; tamper indicating means located in front of outlets <a href="#">B65D 83/7538</a> ) }   |
| B65D 83/226 | ..... | { preventing initial depression of the actuator }  |
| B65D 83/228 | ..... | { consisting of a rupturable connection between actuator element and actuator cap or skirt, e.g. tear strips or bridges }  |
| B65D 83/24  | ...   | with means to hold the valve open, { e.g. for continuous delivery }  |
| B65D 83/26  | ...   | operating automatically, e.g. periodically   |
| B65D 83/262 | ....  | { by clockwork, motor, electric or magnetic means operating without repeated human input }   |
| B65D 83/265 | ....  | { by fall or rise in pressure or temperature }   |
| B65D 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 }   |
| B65D 83/28  | ..    | Nozzles, nozzle fittings or accessories specially adapted therefor   |
| B65D 83/285 | ...   | { for applying the contents, e.g. brushes, rollers, pads, spoons, razors, scrapers ( closures with pads or like contents-applying means <a href="#">B65D 47/42</a> ; brushes with integral pre-pressurised reservoirs <a href="#">A46B 11/0017</a> ; domestic cleaning implements with liquid-feeding devices <a href="#">A47L 13/00</a> ) }   |
| B65D 83/30  | ...   | for guiding the flow of spray, { e.g. funnels, hoods }   |
| B65D 83/303 | ....  | { using extension tubes located in or at the outlet duct of the nozzle assembly }  |
| B65D 83/306 | ....  | { Actuators formed as a rigid elongate spout }   |
| B65D 83/32  | ..    | Dip-tubes  |
| B65D 83/34  | ..    | Cleaning or preventing clogging of the discharge passage   |
| B65D 83/345 | ...   | { Anti-clogging means for outlets }  |
| B65D 83/36  | ..    | allowing operation in any orientation, { e.g. discharge in inverted position }   |
| B65D 83/38  | ..    | Details of container body ( <a href="#">pressure relief devices B65D 83/70</a> )   |
| B65D 83/382 | ...   | { with closures that must be perforated }  |



|             |       |  |
|-------------|-------|--|
| B65D 83/384 | ...   | { comprising an aerosol container disposed in an outer shell or in an external container }   |
| B65D 83/386 | ....  | { actuation occurring by moving the aerosol container relative to the outer shell or external container }  |
| B65D 83/388 | ...   | { with means for suspending the aerosol container }  |
| B65D 83/40  | ..    | Closure caps ( actuator caps { <a href="#">B65D 83/205</a> } )   |
| B65D 83/42  | ..    | Filling or charging means { ( Filling liquids into containers <a href="#">B65B 3/12</a> ; Adding propellants to aerosol containers <a href="#">B65B 31/003</a> ) }   |
| B65D 83/425 | ...   | { Delivery valves permitting filling or charging }   |
| B65D 83/44  | ..    | Valves specially adapted therefor ; Regulating devices ( filling or charging means <a href="#">B65D 83/42</a> ; { pressure regulators releasing propellant inside the container <a href="#">B65D 83/663</a> } ; pressure relief devices <a href="#">B65D 83/70</a> )                                     |
| B65D 83/46  | ...   | Tilt valves ( <a href="#">B65D 83/50</a> takes precedence )  |
| B65D 83/48  | ...   | Lift valves, e.g. operated by push action ( <a href="#">B65D 83/50</a> takes precedence; { adapted for metering and for continuous delivery <a href="#">B65D 83/543</a> } )  |
| B65D 83/50  | ...   | Non-reclosable valves, { e.g. for complete delivery in a single dose }   |
| B65D 83/52  | ...   | for metering   |
| B65D 83/525 | ....  | { with means for adjusting the metered quantity }  |
| B65D 83/54  | ....  | Metering valves; { Metering valve assemblies }   |
| B65D 83/543 | ..... | { adapted for metering and for continuous delivery }   |
| B65D 83/546 | ..... | { the metering occurring at least partially in the actuating means }   |
| B65D 83/56  | ..    | { with means for preventing delivery when the container is incorrectly oriented, e.g. } shut-off when inverted { ( for disabling actuation <a href="#">B65D 83/22</a> ) }  |
| B65D 83/60  | ..    | Product and propellant separated { ( portable fire extinguishers wherein extinguishing material and pressure gas are stored in separate containers <a href="#">A62C 13/66</a> ) }  |
| B65D 83/62  | ...   | by membrane, bag, or the like { ( containers in which the content is delivered by the contracting forces inherent in the bag <a href="#">B65D 83/0061</a> ) }  |
| B65D 83/625 | ....  | { the propellant being generated by a chemical or electrochemical reaction ( for pressure gas in portable fire extinguishers <a href="#">A62C 13/02</a> ) }  |
| B65D 83/64  | ...   | by piston  |
| B65D 83/643 | ....  | { the propellant being generated by a chemical or electrochemical reaction ( for pressure gas in portable fire extinguishers <a href="#">A62C 13/02</a> ) }  |
| B65D 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 <a href="#">B05B 11/0051</a> , in general <a href="#">B65D 83/0044</a> ) }                           |
| B65D 83/66  | ...   | first separated, but finally mixed, { e.g. in a dispensing head ( mixing in general <a href="#">B01F</a> ) }   |
| B65D 83/663 | ....  | { at least a portion of the propellant being separated from the product and incrementally released by means of a pressure regulator }  |
| B65D 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 ( <a href="#">B65D 83/687</a> takes precedence; portable spraying apparatus comprising a container pressurized by a gas cartridge <a href="#">B05B 9/0833</a> ) } |
| B65D 83/68  | ..    | Dispensing two or more products, { e.g. sequential dispensing or simultaneous dispensing of two or more products without mixing them }   |
| B65D 83/682 | ...   | { the products being first separated, but finally mixed, e.g. in a dispensing head ( mixing in general <a href="#">B01F</a> ) }  |

- B65D 83/685 . . . . { with one product being located in a chamber within, or forming part of, the dispensing head, e.g. for admixture during dispensing }
- B65D 83/687 . . . . { the products being totally mixed on, or prior to, first use, e.g. by breaking an ampoule containing one of the products }
- B65D 83/70 . . Pressure relief devices
- B65D 83/72 . . with heating or cooling devices, { e.g. heat-exchangers }
- B65D 83/74 . . . heating by exothermic reaction
- B65D 83/75 . . { Aerosol containers not provided for in groups [B65D 83/16](#) to [B65D 83/74](#) }
- B65D 83/752 . . . { characterised by the use of specific products or propellants }
- B65D 83/753 . . . { characterised by details or accessories associated with outlets }
- B65D 83/7532 . . . . { comprising alternative flow directions or replaceable or interchangeable outlets }
- B65D 83/7535 . . . . { Outlet valves opened by the product to be delivered ( adapted for hand-held, manually operated spray apparatus [B05B 11/0062](#) ) }
- B65D 83/7538 . . . . { Tamper indicating means located in front of outlets ( tamper indicating means obstructing initial actuation [B65D 83/224](#) ) }
- B65D 83/754 . . . { comprising filters in the fluid flow path ( filters specially adapted for spraying plants or apparatus [B05B 15/008](#) ) }
- B65D 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](#) ) }
- B65D 83/757 . . . { Tamper-indicating means ( actuators with tamper-indicating means [B65D 83/224](#) ; tamper indicating means located in front of outlets [B65D 83/7538](#) ) }
- B65D 83/7575 . . . . { Separate tamper-elements }
- B65D 83/759 . . . { Aerosol containers connected to or located in toilet-bowls or cisterns }

**B65D 85/00**

**Containers, packaging elements or packages specially adapted for particular articles or materials** ( [B65D 71/00](#) , [B65D 83/00](#) take precedence; hand implements, travelling equipment [A45C](#) ; cosmetic or toilet equipment [A45D](#) ; { for surgical instruments or appliances [A61B 19/026](#) } ; containers specially adapted for medical or pharmaceutical purposes [A61J 1/00](#) ; paint cans [B44D 3/12](#) ; oil cans [F16N 3/04](#) ; containers for carrying smallarms [F41C 33/06](#) ; packaging of ammunition or explosive charges [F42B 39/00](#) ; containers for record carriers, specially adapted for co-operation with the recording or reproducing apparatus [G11B 23/00](#) )

**NOTE**

Attention is drawn to Note (4) following the title of this subclass

- B65D 85/02 . for annular articles ( for web or tape-like material wound in flat spiral form [B65D 85/671](#) )
- B65D 85/04 . . for coils of wire, rope, or hose
- B65D 85/06 . . for tyres
- B65D 85/08 . for compressible or flexible rod-shaped or tubular articles { ( collapsible tubes per se [B65D 35/00](#) ) }
- B65D 85/10 . . for cigarettes
- B65D 85/1009 . . . { provided with proffering means ( [B65D 85/1054](#) takes precedence ) }

- B65D 85/1018 . . . { Container formed by a flexible material, i.e. soft-packages }
- B65D 85/1027 . . . . { Opening devices }
- B65D 85/1036 . . . { Containers formed by erecting a rigid or semi-rigid blank }
- B65D 85/1045 . . . . { having a cap-like lid hinged to an edge }
- B65D 85/1054 . . . . . { combined with an outer sleeve connected to the lid }
- B65D 85/1063 . . . . { so as to form two cigarette-compartments interconnected by a hinge-portion }
- B65D 85/1072 . . . { Bundle of cigarette packs }
- B65D 85/1081 . . . { Inserts or accessories added or joined to the container, e.g. coins, pens, cards, spacers ( [B65D 85/1009](#) takes precedence ) }
- B65D 85/109 . . . . { Lighting means, e.g. matches, lighters }
- B65D 85/12 . . for cigars
- B65D 85/14 . . for collapsible { empty } tubes, { i.e. pliable tubular containers adapted to be permanently or temporarily deformed to expel contents }
  
- B65D 85/16 . for compressible or flexible articles of other shapes ( for wearing apparel [B65D 85/18](#) )
  
- B65D 85/18 . for wearing apparel, i.e. clothes, headgear, shoes
- B65D 85/182 . . { Shirt packaging and display supports }
- B65D 85/185 . . { Containers for shipping garments on hangers ( travelling or trunk wardrobes [A47B 61/06](#) ) }
- B65D 85/187 . . { for footwear }
  
- B65D 85/20 . for incompressible or rigid rod-shaped or tubular articles
- B65D 85/22 . . for macaroni, spaghetti, or like flour products
- B65D 85/24 . . for needles, nails, or other like elongated small articles
- B65D 85/26 . . for welding electrodes
- B65D 85/28 . . for pencils or pens ( pencil boxes [A45C 11/34](#) )
  
- B65D 85/30 . for articles particularly sensitive to damage by shock or pressure
- B65D 85/302 . . { for carboys }
- B65D 85/305 . . { Bottle-crates ( formed in one piece [B65D 1/243](#) ) }
- B65D 85/307 . . { Local shock-absorbing elements, e.g. elastic rings }
- B65D 85/32 . . for eggs
- B65D 85/321 . . . { Trays made of pressed carton and provided with recesses }
- B65D 85/322 . . . { Trays made of pressed material, e.g. paper pulp }
- B65D 85/324 . . . { Containers with compartments made of pressed material }
- B65D 85/325 . . . { Containers with compartments formed by erecting one blank }
- B65D 85/327 . . . { Containers with compartments formed by folding and inter-connecting of two or more blanks }
- B65D 85/328 . . . . { Partitions }
- B65D 85/34 . . for fruit, e.g. apples, oranges, tomatoes
- B65D 85/345 . . { having a meshed or apertured closure to allow contents to breathe }
- B65D 85/36 . . for biscuits or other bakery products
- B65D 85/38 . . for optical or other delicate measuring, calculating, or control apparatus

|             |      |  |
|-------------|------|--|
| B65D 85/40  | ...  | for watches or clocks or components thereof  |
| B65D 85/42  | ..   | for ampoules ; for lamp bulbs ; for electronic valves or tubes   |
| B65D 85/44  | ..   | for crockery   |
| B65D 85/46  | ..   | for bricks, tiles, or building blocks  |
| B65D 85/48  | ..   | for glass sheets   |
| B65D 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, foliage ( <a href="#">devices for transporting live fish A01K 63/02</a> ) |
| B65D 85/505 | ..   | { for cut flowers }  |
| B65D 85/52  | ..   | for living plants ; for growing bulbs  |
| B65D 85/54  | .    | for articles of special shape not otherwise provided for   |
| B65D 85/542 | ..   | { for tetrahedral packages }   |
| B65D 85/544 | ..   | { for gramophone records }   |
| B65D 85/546 | ...  | { formed by folding a single blank }   |
| B65D 85/548 | ...  | { formed by folding or interconnecting of two or more blanks }   |
| B65D 85/58  | .    | for ball bearings, washers, buttons, or like spherical or disc-shaped articles ( <a href="#">cards for buttons, collar-studs, sleeve-links A44B 7/00</a> )   |
| B65D 85/60  | .    | for sweets or like confectionery products  |
| B65D 85/62  | .    | for stacks of articles ; for special arrangements of groups of articles  |
| B65D 85/64  | .    | for bulky articles   |
| B65D 85/66  | .    | for jumbo rolls ; for rolls of floor covering  |
| B65D 85/67  | .    | for other web or tape-like material { ( <a href="#">with means for dispensing B65D 83/08</a> ) }   |
| B65D 85/671 | ..   | wound in flat spiral form  |
| B65D 85/672 | ...  | on cores   |
| B65D 85/675 | ..   | wound in helical form  |
| B65D 85/676 | ...  | on cores   |
| B65D 85/677 | .... | on flat cards  |
| B65D 85/68  | .    | for machines, engines, or vehicles in assembled or dismantled form   |
| B65D 85/70  | .    | for materials not otherwise provided for   |
| B65D 85/72  | ..   | for edible or potable liquids, semi-liquids, or plastic or pasty materials   |
| B65D 85/73  | ...  | with means specially adapted for effervescing the liquids, e.g. for forming bubbles or beer head   |
| B65D 85/74  | ...  | for butter, margarine, or lard   |
| B65D 85/76  | ...  | for cheese   |
| B65D 85/78  | ...  | for ice-cream  |
| B65D 85/80  | ...  | for milk   |
| B65D 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 21/04D](#) ) }

- B65D 85/8043 . . . { Packages adapted to allow liquid to pass through the contents ( [B65D 85/808](#) takes precedence; coffee filters not used as packages [A47J 31/00](#) ) }
- B65D 85/8046 . . . . { Pods, i.e. closed containers made only of filter paper or similar material }
- B65D 85/808 . . . for immersion in the liquid { to release part or all of their contents } , e.g. tea bags
- B65D 85/8085 . . . . { characterised by an outer package, e.g. wrappers or boxes for enclosing tea-bags }
- B65D 85/812 . . . . with features facilitating their { manipulation or } suspension { ( [B65D 85/8085](#) takes precedence ) }
- B65D 85/816 . . . into which liquid is added { and the resulting preparation is retained } , e.g. cups preloaded with powder or dehydrated food
- B65D 85/82 . . for poisons
- B65D 85/84 . . for corrosive chemicals

### **NOTE**

Attention is drawn to Note (11) following the Subclass Index

## **B65D 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](#) )

- B65D 88/005 . { of variable capacity, e.g. with movable or adjustable walls or wall parts, modular }
- B65D 88/02 . rigid ( [B65D 88/34](#) to [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](#) } )
- B65D 88/022 . . { in multiple arrangement, e.g. stackable, nestable, connected or joined together side-by-side }
- B65D 88/025 . . . { Nestable containers or nestable container parts forming a receptacle when one part is inverted upon the other }
- B65D 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 ) }
- B65D 88/04 . . spherical ( [B65D 88/12](#) takes precedence )
- B65D 88/06 . . cylindrical ( [B65D 88/12](#) takes precedence )
- B65D 88/08 . . . with a vertical axis
- B65D 88/10 . . parallelepipedic ( [B65D 88/12](#) takes precedence )
- B65D 88/12 . . specially adapted for transport ( associated with vehicles, see the relevant subclasses of [B60](#) to [B64](#) )
- B65D 88/121 . . . { ISO containers }
- B65D 88/122 . . . { with access from above }
- B65D 88/123 . . . . { open top }
- B65D 88/124 . . . . { closable top }

|              |       |   |
|--------------|-------|---|
| B65D 88/125  | ..... | { by flexible element, e.g. canvas }  |
| B65D 88/126  | ..... | { by rigid element, e.g. lid }  |
| B65D 88/127  | ...   | { open-sided container, i.e. having substantially the whole side free to provide access, with or without closures ( <a href="#">B65D 88/129</a> , <a href="#">B65D 90/008</a> take precedence ) } |
| B65D 88/128  | ...   | { tank containers, i.e. containers provided with supporting devices for handling }  |
| B65D 88/129  | ...   | { Transporter frames for containers }   |
| B65D 88/14   | ...   | by air  |
| B65D 88/16   | .     | flexible ( <a href="#">B65D 88/34</a> to <a href="#">B65D 88/78</a> take precedence; hoppers <a href="#">B65D 88/26</a> )   |
| B65D 88/1606 | ..    | { double-walled or with linings ( <a href="#">B65D 88/1612</a> takes precedence; linings for container walls in general <a href="#">B65D 90/04</a> ) }  |
| B65D 88/1612 | ..    | { Flexible intermediate bulk containers (FIBC) }  |
| B65D 88/1618 | ...   | { double-walled or with linings }   |
| B65D 88/1625 | ....  | { with stiffening rigid means between the walls }   |
| B65D 88/1631 | ...   | { with shape keeping flexible elements }  |
| B65D 88/1637 | ....  | { cables or straps from top to bottom }   |
| B65D 88/1643 | ...   | { with multiple compartments }  |
| B65D 88/165  | ...   | { with electrically conductive properties }   |
| B65D 88/1656 | ...   | { for liquids }   |
| B65D 88/1662 | ...   | { surrounded by a net }   |
| B65D 88/1668 | ...   | { closures for top or bottom openings }   |
| B65D 88/1675 | ...   | { Lifting fittings }  |
| B65D 88/1681 | ....  | { Flexible, e.g. loops, or reinforcements therefor }  |
| B65D 88/1687 | ..... | { specially adapted for the forks of a forklift }   |
| B65D 88/1693 | ....  | { Rigid ( <a href="#">B65D 90/205</a> takes precedence ) }  |
| B65D 88/18   | ..    | bellows-shaped ( <a href="#">B65D 88/22</a> takes precedence; connection of valves to inflatable elastic bodies <a href="#">B60C 29/00</a> )  |
| B65D 88/20   | ..    | with rigid end-walls ( <a href="#">B65D 88/18</a> , <a href="#">B65D 88/22</a> take precedence )  |
| B65D 88/22   | ..    | specially adapted for transport ( associated with vehicles, see the relevant subclasses of <a href="#">B60</a> to <a href="#">B64</a> )   |
| B65D 88/24   | ...   | by air  |
| B65D 88/26   | .     | Hoppers, i.e. containers having funnel-shaped discharge sections ( <a href="#">B65D 88/34</a> to <a href="#">B65D 88/78</a> take precedence )   |
| B65D 88/28   | ..    | Construction or shape of discharge section  |
| B65D 88/30   | ..    | specially adapted to facilitate transportation from one utilisation site to another ( collapsible hoppers <a href="#">B65D 88/52</a> )  |
| B65D 88/32   | ..    | in multiple arrangement   |
| B65D 88/34   | .     | having floating covers, e.g. floating roofs or blankets ( venting means <a href="#">B65D 90/34</a> )  |
| B65D 88/36   | ..    | with relatively movable sections  |
| B65D 88/38   | ..    | with surface water receiver, e.g. drain   |
| B65D 88/40   | ..    | with support for aground cover  |
| B65D 88/42   | ..    | with sealing means between cover rim and receptacle   |



- B65D 88/44 . . . with magnetic means acting on the seal
- B65D 88/46 . . . with mechanical means acting on the seal
- B65D 88/48 . . . with fluid means acting on the seal
- B65D 88/50 . . . with resilient foam or stuffed seal
  
- B65D 88/52 . collapsible, i.e. with walls hinged together or detachably connected
- B65D 88/522 . . { all side walls hingedly connected to each other or to another component of the container }
- B65D 88/524 . . . { and one or more side walls being foldable along an additional median line }
- B65D 88/526 . . { with detachable side walls }
- B65D 88/528 . . . { all side walls detached from each other to collapse the container }
  
- B65D 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](#) )
- B65D 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](#) ) }
- B65D 88/544 . . { for filling from below }
- B65D 88/546 . . { Devices for loading or unloading and forming part of the container, e.g. rollers, conveyors ( loading or unloading vehicles [B65G 67/20](#) ) }
- B65D 88/548 . . { by pneumatic means ( [B65D 88/72](#) takes precedence ) }
- B65D 88/56 . . by tilting
- B65D 88/58 . . by displacement of walls
- B65D 88/60 . . . of internal walls
- B65D 88/62 . . . . the walls being deformable
- B65D 88/64 . . preventing bridge formation
- B65D 88/66 . . . using vibrating or knocking devices
- B65D 88/665 . . . . { using a resonator, e.g. supersonic generator }
- B65D 88/68 . . . using rotating devices
- B65D 88/70 . . . using fluid jets ( [B65D 88/72](#) takes precedence )
- B65D 88/703 . . . . { Air blowing devices, i.e. devices for the sudden introduction of compressed air into the container }
- B65D 88/706 . . . . { Aerating means, e.g. one-way check valves }
- B65D 88/72 . . Fluidising devices
  
- B65D 88/74 . having means for heating, cooling, aerating or other conditioning of contents
- B65D 88/741 . . { aerating by ambient air through openings in the wall }
- B65D 88/742 . . { using ventilating sheaths }
- B65D 88/744 . . { heating or cooling through the walls or internal parts of the container, e.g. circulation of fluid inside the walls }
- B65D 88/745 . . { blowing or injecting heating, cooling or other conditioning fluid inside the container }
- B65D 88/747 . . { dehumidifying, dewatering or draining }
- B65D 88/748 . . { for tank containers }
  
- B65D 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](#) } )

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

**B65D 90/00** **Component parts, details or accessories for large containers ( [B65D 88/34](#) to [B65D 88/78](#) take precedence )**

B65D 90/0006 . { Coupling devices between containers, e.g. ISO-containers ( coupling devices between containers and vehicles [B60P 7/13](#) ) }

B65D 90/0013 .. { Twist lock }

B65D 90/002 ... { Apparatus for manual or automatic installation/removal of twist-lock }

B65D 90/0026 . { Corner fittings characterised by shape, configuration or number of openings }

B65D 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](#) ) }

B65D 90/004 . { Contents retaining means }

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

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

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

B65D 90/0066 .. { Partition walls }

B65D 90/0073 .. { Storage racks }

B65D 90/008 . { Doors for containers, e.g. ISO-containers ( locking [E05B 65/16](#) ) }

B65D 90/0086 .. { rotating or wound around a horizontal axis }

B65D 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](#) ) }

B65D 90/02 . Wall construction

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

B65D 90/022 .. { Laminated structures ( [B65D 90/029](#) , [B65D 90/505](#) , [B65D 90/508](#) take precedence ) }

B65D 90/023 .. { Modular panels }

B65D 90/024 ... { with features of cylindrical curvature }

B65D 90/025 ... { with features of spheroidal curvature }

B65D 90/026 ... { Parallel slats }

B65D 90/027 .. { Corrugated or zig-zag structures; Folded plate }

B65D 90/028 .. { hollow-walled, e.g. double-walled with spacers ( [B65D 90/501](#) takes precedence; linings [B65D 90/04](#) ) }

B65D 90/029 .. { Wound structures }

|             |  |
|-------------|--|
| B65D 90/04  | .. Linings { ( for flexible containers <a href="#">B65D 88/1606</a> ) }  |
| B65D 90/041 | ... { Rigid liners fixed to the container }  |
| B65D 90/042 | .... { fixed pointwise or linewise }   |
| B65D 90/043 | ..... { the liners being in the form of tiles or panels }  |
| B65D 90/044 | .... { fixed or supported over substantially the whole interface }   |
| B65D 90/045 | ..... { the liners being in the form of tiles or panels }  |
| B65D 90/046 | ... { Flexible liners, e.g. loosely positioned in the container }  |
| B65D 90/047 | .... { comprising rigid bracing, e.g. bulkheads }  |
| B65D 90/048 | .... { comprising bracing straps }   |
| B65D 90/06  | .. Coverings, e.g. for insulating purposes   |
| B65D 90/08  | .. Interconnections of wall parts ; Sealing means therefor   |
| B65D 90/10  | . Manholes ; Inspection openings ; Covers therefor ( safety features <a href="#">B65D 90/22</a> ; covers or similar closure members, for pressure vessels in general <a href="#">F16J 13/00</a> )  |
| B65D 90/105 | .. { for underground containers }  |
| B65D 90/12  | . Supports   |
| B65D 90/125 | .. { Docking stations, i.e. for the temporary support of the container }   |
| B65D 90/14  | .. Legs, e.g. detachable   |
| B65D 90/143 | ... { Detachable individual legs }   |
| B65D 90/146 | ... { Detachable combined legs }   |
| B65D 90/16  | .. Skids   |
| B65D 90/18  | .. Castors, rolls, or the like ; e.g. detachable ( castors in general <a href="#">B60B</a> )   |
| B65D 90/20  | .. Frames or nets, e.g. for flexible containers  |
| B65D 90/205 | ... { for flexible containers, i.e. the flexible container being permanently connected to the frame ( <a href="#">B65D 77/061</a> , <a href="#">B65D 88/1612</a> , <a href="#">B65D 90/046</a> take precedence; unpacking of Flexible Intermediate Bulk Container (FIBC) <a href="#">B65B 69/0075</a> ; crane hooks for frames for FIBC <a href="#">B66C 1/226</a> ) } |
| B65D 90/22  | . Safety features ( floating covers <a href="#">B65D 88/34</a> ; arrangements of indicating or measuring devices <a href="#">B65D 90/48</a> ; fire-fighting <a href="#">A62C</a> )   |
| B65D 90/24  | .. Spillage-retaining means, e.g. recovery ponds   |
| B65D 90/26  | .. Overfill prevention ( spillage retaining means <a href="#">B65D 90/24</a> ; arrangements of indicating or measuring devices <a href="#">B65D 90/48</a> )  |
| B65D 90/28  | .. Means for preventing or minimising the escape of vapours  |
| B65D 90/30  | .. Recovery of escaped vapours   |
| B65D 90/32  | .. Arrangements for preventing, or minimising the effect of, excessive or insufficient pressure ( valves per se <a href="#">F16K</a> )   |
| B65D 90/325 | ... { due to explosion, e.g. inside the container ( safely destroying explosive ammunition or similar <a href="#">F42B 39/14</a> ; in buildings <a href="#">E04B 1/98</a> ) }  |
| B65D 90/34  | ... Venting means ( vehicle fuel tanks characterised by venting means <a href="#">B60K 15/035</a> )  |
| B65D 90/36  | ... Weakened parts   |
| B65D 90/38  | .. Means for reducing the vapour space or for reducing the formation of vapour within containers   |
| B65D 90/40  | ... by use of fillings of porous materials   |

- B65D 90/42 . . . by use of particular materials for covering surface of liquids
- B65D 90/44 . . . by use of inert gas for filling space above liquid or between contents
- B65D 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](#) )
  
- B65D 90/48 . Arrangements of indicating or measuring devices
- B65D 90/50 . . of leakage-indicating devices ( [investigating fluid-tightness of structures G01M 3/00](#) )
- B65D 90/501 . . . { comprising hollow spaces within walls }
- B65D 90/503 . . . . { under pressure or vacuum }
- B65D 90/505 . . . { comprising porous spaces or layers in walls }
- B65D 90/506 . . . . { under pressure or vacuum }
- B65D 90/508 . . . { comprising electrically conductive layers in walls }
  
- B65D 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](#) )
  
- B65D 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](#) } )
- B65D 90/545 . . { [Discharge end caps](#) }
- B65D 90/56 . . operating by deformation of flexible walls { [B65D 90/58](#) takes precedence }
- B65D 90/58 . . having closure members sliding in the plane of the opening
- B65D 90/582 . . . { [having a rotational motion](#) }
- B65D 90/585 . . . . { [around an axis perpendicular to the valve port](#) }
- B65D 90/587 . . . { [having a linear motion](#) }
- B65D 90/60 . . . and having one or more openings
- B65D 90/62 . . having closure members movable out of the plane of the opening
- B65D 90/623 . . . { [having a rotational motion](#) }
- B65D 90/626 . . . { [having a linear motion](#) }
- B65D 90/64 . . having multipart closure members, the parts being brought into closing position one by one according to need
- B65D 90/66 . . Operating devices therefor

#### Guidance heading:

- B65D 2075/00** **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](#) )**
  
- B65D 2075/28 . Articles or materials wholly enclosed in composite wrappers, i.e. wrappers formed by associating or interconnecting two or more sheets or blanks
- B65D 2075/30 . . 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
- B65D 2075/32 . . . one or both sheets or blanks being recessed to accommodate contents

- B65D 2075/36 . . . . 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 \( B65D 73/0057 , B65D 73/0092 take precedence \)](#) }
- B65D 2075/361 . . . . . the two sheets or blanks being mutually slidable or comprising slidable elements
- B65D 2075/362 . . . . . the two sheets or blanks being partially releasable and reclosable, e.g. peelable sheets reclosable by slot-and-tongue connections
- B65D 2075/363 . . . . . the recess presenting a lateral or a frontal opening
- B65D 2075/365 . . . . . and being provided with a cover

**B65D 2081/00 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**

- B65D 2081/001 . for packaging articles or materials intended to be mixed or infused with a liquid without having previously been removed from the package
- B65D 2081/002 . . Packages adapted to be totally immersed in the liquid to release part or all of their contents, e.g. tea bags
- B65D 2081/004 . . . with special features facilitating their manipulation or suspension ( [B65D 2081/005 takes precedence](#) )
- B65D 2081/005 . . . characterised by an outer package, e.g. wrappers or boxes for enclosing tea-bags
- B65D 2081/007 . . Packages adapted to allow liquid to pass through the contents ( [B65D 2081/002 takes precedence](#) )
- B65D 2081/008 . . Packages adapted to be filled with the liquid and to retain the resulting preparation, e.g. cups prefilled with coffee powder or trays containing dehydrated food

**Guidance heading:**

**B65D 2101/00 Tamper-indicating means ( relating to aerosol containers [L65D 83/14Y2](#) )**

- B65D 2101/0007 . Tearable non-integral strips
- B65D 2101/0015 . Tearable part of the container ( [B65D 2101/0092 takes precedence](#) )
- B65D 2101/0023 . Tearable part of the closure ( [B65D 2101/0092 takes precedence](#) )
- B65D 2101/003 . . Frangible elements completely enclosed in closure skirt ( [tear-off strips B65D 2101/0038](#) )
- B65D 2101/0038 . . Non-metallic tear-off strips
- B65D 2101/0046 . . Tamper-ring remaining connected to closure after initial removal
- B65D 2101/0053 . . Vertical or axial lines of weakness
- B65D 2101/0061 . . Bridges having different cross-sections
- B65D 2101/0069 . Windows in external skirts for viewing tamper-element
- B65D 2101/0076 . Tamper-band co-operating with intermediate ring connected to the container
- B65D 2101/0084 . based on a change or a contrast in colour

- [B65D 2101/0092](#) . Tearable part both of the container and of the closure

**Guidance heading:**

**[B65D 2201/00](#) Means or constructions for testing or controlling the contents**

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

- [B65D 2203/02](#) . Labels

- [B65D 2203/04](#) . Level indicators ( [see also B65D 25/56](#) , [B65D 33/004](#) )

- [B65D 2203/045](#) . . using the pivoting movement of the container, when the weight of the contents drops

- [B65D 2203/06](#) . Arrangements on packages concerning bar-codes

- [B65D 2203/08](#) . . Wrapped groups of articles, the wrapping presenting openings to facilitate the marking or the reading of each article, e.g. individually priced

- [B65D 2203/10](#) . Transponders

- [B65D 2203/12](#) . Audible, olfactory or visual signalling means ( [51/2 4K](#) , [55/0 2J](#) , [79/0 2](#) and [81/2 4](#) take precedence )

**[B65D 2205/00](#) Venting means**

- [B65D 2205/02](#) . Venting holes

- [B65D 2205/025](#) . . having a removable label, sticker or adhesive foil covering the hole

- [B65D 2205/04](#) . for venting during the initial insertion of a piston

**[B65D 2207/00](#) Standing packages**

**[B65D 2209/00](#) Provisions for used articles**

**[B65D 2211/00](#) Anti-theft means**

**[B65D 2213/00](#) Safety means**

- [B65D 2213/02](#) . Means for preventing build-up of electrostatic charges

**[B65D 2215/00](#) Child-proof means**

- [B65D 2215/02](#) . requiring the combination of simultaneous actions



- B65D 2215/04 . requiring the combination of different actions in succession
- B65D 2215/06 . based on the difference in size between children`s and adults` hands
- B65D 2215/08 . for fooling children, e.g. fake closures
- B65D 2217/00** **Details of mixing containers or closures**
- B65D 2217/02 . Whereby the mixture can be used several times, e.g. containers which can be resealed after mixing
- B65D 2217/04 . Whereby the separation between the different product compartments can be restored, e.g. for reuse
- B65D 2221/00** **Small packaging specially adapted for product samples, single-use packages or échantillons**
- B65D 2231/00** **Means for facilitating the complete expelling of the contents**
- B65D 2231/001 . the container being a bag
- B65D 2231/002 . . comprising strips forming channels or liquid passageways
- B65D 2231/004 . . comprising rods or tubes provided with radial openings, ribs or the like, e.g. dip-tubes, spiral rods
- B65D 2231/005 . the container being rigid
- B65D 2231/007 . . Funnels or the like
- B65D 2231/008 . . . integral with the container wall
- B65D 2231/02 . Precut holes or weakened zones
- B65D 2231/022 . . for permitting the insertion of a tubular contents-removing device, e.g. a drinking straw
- B65D 2231/025 . . for draining or discharging the liquid contents, e.g. soup, milk
- B65D 2231/027 . . for discharging a solidified or gelatinous products, e.g. pudding, ice-cream, from the package
- B65D 2251/00** **Details relating to container closures ( lids or covers for box-like containers [B65D 43/00](#) ) ( see also [B65D 43/00](#) )**
- B65D 2251/0003 . Two or more closures
- B65D 2251/0006 . . Upper closure
- B65D 2251/0009 . . . of the 17-type
- B65D 2251/0012 . . . of the 39-type
- B65D 2251/0015 . . . of the 41-type
- B65D 2251/0018 . . . of the 43-type
- B65D 2251/0021 . . . . of the 43/16-type
- B65D 2251/0025 . . . of the 47-type

|                |      |   |
|----------------|------|---|
| B65D 2251/0028 | ...  | of the 51-type  |
| B65D 2251/0031 | ...  | Membrane  |
| B65D 2251/0034 | .... | integral with the container   |
| B65D 2251/0037 | ..   | Intermediate closure(s)   |
| B65D 2251/004  | ...  | of the 17-type  |
| B65D 2251/0043 | ...  | of the 39-type  |
| B65D 2251/0046 | ...  | of the 41-type  |
| B65D 2251/005  | ...  | of the 43-type  |
| B65D 2251/0053 | .... | of the 43/16 type   |
| B65D 2251/0056 | ...  | of the 47-type  |
| B65D 2251/0059 | ...  | of the 51-type  |
| B65D 2251/0062 | ...  | Membrane  |
| B65D 2251/0065 | .... | integral with the container   |
| B65D 2251/0068 | ..   | Lower closure   |
| B65D 2251/0071 | ...  | of the 17-type  |
| B65D 2251/0075 | ...  | of the 39-type  |
| B65D 2251/0078 | ...  | of the 41-type  |
| B65D 2251/0081 | ...  | of the 43-type  |
| B65D 2251/0084 | .... | of the 43/16-type   |
| B65D 2251/0087 | ...  | of the 47-type  |
| B65D 2251/009  | ...  | of the 51-type  |
| B65D 2251/0093 | ...  | Membrane  |
| B65D 2251/0096 | .... | integral with the container   |
| B65D 2251/01   | .    | making a sound upon actuation   |
| B65D 2251/02   | .    | Grip means  |
| B65D 2251/023  | ..   | Ribs or recesses  |
| B65D 2251/026  | ..   | made of material having a high friction coefficient and preventing slippage during removal by hand, e.g. band, coating  |
| B65D 2251/04   | .    | Orienting or positioning means  |
| B65D 2251/06   | .    | Special configurations ; Closures simulating or provided with another item, e.g. puppet, animal, vehicle, building ( <a href="#">B65D 81/366</a> takes precedence ) |
| B65D 2251/065  | ..   | the external skirt having a non-circular cross-section, e.g. square, elliptical   |
| B65D 2251/07   | .    | Closures specially adapted for closing bottle-necks of non-circular cross-section   |
| B65D 2251/08   | .    | Closures specially adapted for closing container mouths of differing size or configuration, e.g. screw/snap combination   |
| B65D 2251/09   | .    | Reversible caps or lids, e.g. with threads on one side and a plug on the other  |
| B65D 2251/10   | .    | Details of hinged closures  |
| B65D 2251/1008 | ..   | Means for locking the closure in open position  |

|                     |     |   |
|---------------------|-----|---|
| B65D 2251/1016      | ..  | Means for locking the closure in closed position  |
| B65D 2251/1025      | ... | Integral locking elements penetrating in an opening, e.g. a flap through a slit, a hook in an opening   |
| B65D 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 |
| B65D 2251/1041      | ... | The closure having a part penetrating in the dispensing aperture and retained by snapping over integral beads or projections  |
| B65D 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  |
| B65D 2251/1058      | ... | Latching mechanisms   |
| B65D 2251/1066      | ..  | Actuating means   |
| B65D 2251/1075      | ... | Levers  |
| B65D 2251/1083      | ..  | Closures formed of several sections hinged to the container or base   |
| B65D 2251/1091      | ..  | Closures made integrally with the base element at a point remote from the hinge   |
| B65D 2251/20        | .   | Sealing means   |
| B65D 2251/205       | ..  | Inserted  |
| <b>B65D 2255/00</b> |     | <b>Locking devices</b> ( for actuation of aerosol containers <a href="#">L65D 83/14Y3B</a> ; for lids <a href="#">B65D 2251/1008</a> , <a href="#">B65D 2251/1016</a> )             |
| B65D 2255/06        | .   | Use of seals  |
| B65D 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    |
| <b>B65D 2275/00</b> |     | <b>Details of sheets, wrappers or bags</b>  |
| B65D 2275/02        | .   | Sheets wrappers or bags provided with protective or puncture resistant patches, specially adapted for meat on the bone, e.g. e.g. patch bags  |
| <b>B65D 2301/00</b> |     | <b>Details of blanks</b> ( not used )   |
| B65D 2301/10        | .   | Blanks mutually positioned to minimise waste material upon cutting out the individual blank from a continuous or large sheet  |
| B65D 2301/20        | .   | made of plastic material  |
| <b>B65D 2303/00</b> |     | <b>Orienting or positioning means for containers</b>  |
| <b>B65D 2313/00</b> |     | <b>Connecting or fastening means</b>  |
| B65D 2313/02        | .   | of hook-and-loop type   |
| B65D 2313/04        | .   | of magnetic type  |

- B65D 2313/06 . using vacuum suction cups
- B65D 2313/08 . Double sided adhesive tape, e.g. for suspension of the container ( [B65D 2313/10 takes precedence](#) )
- B65D 2313/10 . Adhesive or cohesive means for holding the contents attached to the container
- B65D 2501/00 Containers having bodies formed in one piece**
- B65D 2501/0009 . Bottles or similar containers with necks or like restricted apertures designed for pouring contents
- B65D 2501/0018 . . Ribs
- B65D 2501/0027 . . . Hollow longitudinal ribs
- B65D 2501/0036 . . . Hollow circumferential ribs
- B65D 2501/0045 . . . Solid ribs
- B65D 2501/0054 . . Lines of weakness
- B65D 2501/0063 . . Additional discharging means ( [B65D 1/06 takes precedence](#) )
- B65D 2501/0072 . . Means for facilitating filling of the bottle
- B65D 2501/0081 . . Bottles of non-circular cross-section
- B65D 2501/009 . . Necks of non-circular cross-section
- B65D 2501/24 . Boxes or like containers with moulded compartments or partitions
- B65D 2501/24006 . . Details relating to bottle crates
- B65D 2501/24012 . . . Materials
- B65D 2501/24019 . . . . Mainly plastics
- B65D 2501/24025 . . . . Mainly metal
- B65D 2501/24031 . . . . Mainly wood
- B65D 2501/24038 . . . . Mainly a single material other than plastics, metal or wood
- B65D 2501/24044 . . . . Two or more different materials
- B65D 2501/2405 . . Construction
- B65D 2501/24057 . . . . Basket-type
- B65D 2501/24063 . . . . of the walls
- B65D 2501/2407 . . . . . Apertured
- B65D 2501/24076 . . . . . Grid or mesh
- B65D 2501/24082 . . . . . Plain
- B65D 2501/24089 . . . . . Height of the side walls
- B65D 2501/24095 . . . . . corresponding to the full height of the bottles
- B65D 2501/24101 . . . . . higher than the bottles
- B65D 2501/24108 . . . . . corresponding to part of the height of the bottles
- B65D 2501/24114 . . . . . Walls of varying height
- B65D 2501/24121 . . . . of the bottom
- B65D 2501/24127 . . . . . Apertured
- B65D 2501/24133 . . . . . Grid, mesh

|                 |       |   |
|-----------------|-------|---|
| B65D 2501/2414  | ..... | Plain   |
| B65D 2501/24146 | ....  | Connection between walls or of walls with bottom  |
| B65D 2501/24152 | ..... | Integral ( <a href="#">B65D 2501/24184</a> takes precedence )                             |
| B65D 2501/24159 | ..... | Non-integral  |
| B65D 2501/24165 | ..... | Welded or glued   |
| B65D 2501/24171 | ..... | Interlocked ( <a href="#">B65D 2501/24184</a> takes precedence )                          |
| B65D 2501/24178 | ..... | Nailed, screwed, riveted ( <a href="#">B65D 2501/24184</a> takes precedence )             |
| B65D 2501/24184 | ..... | Collapsible   |
| B65D 2501/24191 | ....  | Divisible into subparts   |
| B65D 2501/24197 | ...   | Arrangements for locating the bottles   |
| B65D 2501/24203 | ....  | Construction of locating arrangements   |
| B65D 2501/2421  | ..... | Partitions  |
| B65D 2501/24216 | ..... | forming square or rectangular cells   |
| B65D 2501/24222 | ..... | forming cells having a curved shape   |
| B65D 2501/24229 | ..... | forming other polygonal shaped cells, e.g. honeycomb shaped                               |
| B65D 2501/24235 | ..... | Pillars   |
| B65D 2501/24242 | ..... | or circular cross-section   |
| B65D 2501/24248 | ..... | of square or rectangular cross-section  |
| B65D 2501/24254 | ..... | of star-like cross-section  |
| B65D 2501/24261 | ..... | Ribs on the side walls  |
| B65D 2501/24267 | ..... | Cells in the bottom wall  |
| B65D 2501/24273 | ..... | Cells or apertures in a top wall  |
| B65D 2501/2428  | ..... | Others  |
| B65D 2501/24286 | ..... | Adjustable or removable constructions   |
| B65D 2501/24292 | ....  | Means for locking the bottles in place  |
| B65D 2501/24299 | ..... | Rigid   |
| B65D 2501/24305 | ..... | Resilient   |
| B65D 2501/24312 | ....  | Means for preventing bottle breakage ( <a href="#">B65D 2501/24292</a> takes precedence ) |
| B65D 2501/24318 | ....  | Means for maintaining the bottles in an oblique position                                  |
| B65D 2501/24324 | ....  | Means for accomodating grouped bottles, e.g. in a wrapper                                 |
| B65D 2501/24331 | ....  | Adapted for holding the bottle in an upside-down position                                 |
| B65D 2501/24337 | ....  | Means for accomodating bottles of different sizes   |
| B65D 2501/24343 | ....  | Position pattern  |
| B65D 2501/2435  | ..... | Columns and rows  |
| B65D 2501/24356 | ..... | Staggered   |
| B65D 2501/24363 | ...   | Handles   |
| B65D 2501/24369 | ....  | Fixed, i.e. non swingable   |
| B65D 2501/24375 | ..... | provided on a local area of the side walls  |
| B65D 2501/24382 | ..... | horizontal, e.g. U-shaped   |
| B65D 2501/24388 | ..... | vertical, e.g. U-shaped   |
| B65D 2501/24394 | ..... | fixed by means of one or more collars   |

|                 |       |   |
|-----------------|-------|---|
| B65D 2501/24401 | ..... | provided on a local area near to or at the upper edge or rim  |
| B65D 2501/24407 | ..... | centrally located in open container   |
| B65D 2501/24414 | ..... | provided vertically and fixed to the upper and lower rims or edges  |
| B65D 2501/2442  | ..... | provided vertically and fixed to the upper and lower rim and to the side wall   |
| B65D 2501/24426 | ....  | Swingable handles   |
| B65D 2501/24433 | ..... | provided on a local area of the side wall(s)  |
| B65D 2501/24439 | ..... | horizontal, e.g. U-shaped   |
| B65D 2501/24445 | ..... | vertical, e.g. U-shaped   |
| B65D 2501/24452 | ..... | fixed by means of one or more collars   |
| B65D 2501/24458 | ..... | provided on a local area near to or at the upper edge or rim  |
| B65D 2501/24464 | ..... | centrally located in open container   |
| B65D 2501/24471 | ..... | provided vertically and fixed to the upper and the lower edges or rims  |
| B65D 2501/24477 | ..... | provided vertically and fixed to the upper and the lower rim and to the side wall   |
| B65D 2501/24484 | ....  | with respective ends fixed to local areas of two opposite sides or wall-parts   |
| B65D 2501/2449  | ..... | Rope or string  |
| B65D 2501/24496 | ..... | Straps or slings  |
| B65D 2501/24503 | ..... | Wire-like   |
| B65D 2501/24509 | ....  | Integral handles  |
| B65D 2501/24515 | ..... | provided on the side wall   |
| B65D 2501/24522 | ..... | provided near to or at the upper edge or rim  |
| B65D 2501/24528 | ..... | centrally located in open container   |
| B65D 2501/24535 | ..... | formed in the walls, e.g. roughnings, cavities or projections   |
| B65D 2501/24541 | ....  | Hand holes  |
| B65D 2501/24547 | ....  | Telescopic  |
| B65D 2501/24554 | ...   | Stacking means ( <a href="#">B65D 2501/24694</a> takes precedence )   |
| B65D 2501/2456  | ....  | for stacking or joining side-by-side ( e.g. also containers stacked by being laid on one side )   |
| B65D 2501/24566 | ..... | and loosely interengaged by integral complementary shapes   |
| B65D 2501/24573 | ..... | and joined together by interconnecting formations forming part of the container   |
| B65D 2501/24579 | ..... | and joined together by bonding, adhesive or the like  |
| B65D 2501/24585 | ....  | for stacking or joining the crates together one upon the other, in the upright or upside-down position  |
| B65D 2501/24592 | ..... | Crates presenting local stacking elements protruding from the upper or lower edge of a side wall  |
| B65D 2501/24598 | ..... | Crates presenting a continuous stacking profile along the upper edge of at least two opposite side walls  |
| B65D 2501/24605 | ..... | Crates with stacking feet or corner elements  |
| B65D 2501/24611 | ..... | Crates with stacking ribs on the side walls   |
| B65D 2501/24617 | ..... | Crates with a closure presenting stacking elements  |
| B65D 2501/24624 | ..... | the closure presenting projecting peripheral elements receiving or surrounding the bottom or peripheral elements projecting from the bottom of a superimposed crate |



|                 |       |  |
|-----------------|-------|--|
| B65D 2501/2463  | ..... | the bottom presenting projecting peripheral elements receiving or surrounding the closure or peripheral elements projecting therefrom  |
| B65D 2501/24636 | ..... | the closure and the bottom presenting cooperating peripheral ribs and grooves  |
| B65D 2501/24643 | ..... | the closure and the bottom presenting local cooperating elements   |
| B65D 2501/24649 | ..... | Auxiliary removable stacking elements other than covers  |
| B65D 2501/24656 | ..... | these elements being ( <a href="#">part of</a> ) the contents  |
| B65D 2501/24662 | ..... | with movable parts adapted to be placed in alternative positions for stacking the crates at different levels                           |
| B65D 2501/24668 | ..... | Crates joined together by bonding, adhesive or the like  |
| B65D 2501/24675 | ..... | Crates joined together by screw-, bayonet, snap-fit or the like  |
| B65D 2501/24681 | ....  | for stacking or joining the crates together in a staggered configuration   |
| B65D 2501/24687 | ...   | Nesting means ( <a href="#">B65D 2501/24694 takes precedence</a> )   |
| B65D 2501/24694 | ...   | Crates shaped to be nested when empty and superposed when full   |
| B65D 2501/247   | ....  | Identical stackable crates adapted for nesting after rotation around a vertical axis   |
| B65D 2501/24707 | ..... | about 180 degrees only   |
| B65D 2501/24713 | ..... | about 90 degrees   |
| B65D 2501/24719 | ....  | Identical stackable crates specially adapted for retaining the same orientation when nested  |
| B65D 2501/24726 | ....  | with movable parts adapted to be placed in alternative positions for nesting the containers when empty and for stacking them when full |
| B65D 2501/24732 | ..... | the movable parts being attached or integral and displaceable into a position overlying the top of the crate                           |
| B65D 2501/24738 | ..... | the movable parts being an attached or integral cover  |
| B65D 2501/24745 | ..... | the movable parts being supports or feet   |
| B65D 2501/24751 | ..... | the movable parts consisting of walls or parts thereof, i.e. deformable containers   |
| B65D 2501/24757 | ..... | the movable parts being ( <a href="#">part of</a> ) the contents   |
| B65D 2501/24764 | ...   | Reinforcements   |
| B65D 2501/2477  | ....  | Parts reinforced   |
| B65D 2501/24777 | ..... | Side walls   |
| B65D 2501/24783 | ..... | Bottom   |
| B65D 2501/24789 | ....  | Means used for reinforcing   |
| B65D 2501/24796 | ..... | Plain integral ribs  |
| B65D 2501/24802 | ..... | Hollow integral ribs   |
| B65D 2501/24808 | ..... | The wall being reinforced by making it thicker or double-walled  |
| B65D 2501/24815 | ..... | The wall being reinforced by making it corrugated  |
| B65D 2501/24821 | ..... | Reinforcing elements made from a material different to the one of the part being reinforced  |
| B65D 2501/24828 | ....  | Location of the reinforcing means  |
| B65D 2501/24834 | ..... | Inside the crate   |
| B65D 2501/2484  | ..... | Outside the crate  |
| B65D 2501/24847 | ..... | Oriented mainly vertically   |
| B65D 2501/24853 | ..... | Oriented mainly horizontally   |

|                 |       |  |
|-----------------|-------|--|
| B65D 2501/24859 | ...   | Covers   |
| B65D 2501/24866 | ...   | Other details  |
| B65D 2501/24872 | ....  | Information, identification or detection means   |
| B65D 2501/24878 | ..... | Labels   |
| B65D 2501/24885 | ..... | with special means for removing the labels   |
| B65D 2501/24891 | ..... | Mechanical means, e.g. cams  |
| B65D 2501/24898 | ..... | Matter printed directly on the crate   |
| B65D 2501/24904 | ..... | Engraved or moulded indicia  |
| B65D 2501/2491  | ..... | Transponders   |
| B65D 2501/24917 | ....  | Integral or attached bottle openers  |
| B65D 2501/24923 | ....  | Bottle closures collecting means   |
| B65D 2501/24929 | ....  | Drainage means ( <a href="#">B65D 2501/24127</a> and <a href="#">B65D 2501/24133</a> take precedence ) |
| B65D 2501/24936 | ....  | Means for handling ( handles <a href="#">B65D 2501/24363</a> )   |
| B65D 2501/24942 | ..... | Means for suspending or lifting ( <a href="#">B65D 2501/24949</a> takes precedence )                   |
| B65D 2501/24949 | ..... | Roughened bottom or side surfaces  |
| B65D 2501/24955 | ....  | Means for inserting or extracting the bottles  |
| B65D 2501/24961 | ..... | Through a side wall  |
| B65D 2501/24968 | ..... | Through the bottom   |
| B65D 2501/24974 | ..... | Bottle extracting means  |
| B65D 2501/2498  | ..... | Movable bottom   |
| B65D 2501/24987 | ....  | Wheels   |
| B65D 2501/24993 | ....  | Means for indicating full or empty bottles   |

**B65D 2517/00**      **Containers specially constructed to be opened by cutting, piercing or tearing of wall portions, e.g. preserving cans or tins ( not used )**

|                |      |  |
|----------------|------|--|
| B65D 2517/0001 | .    | Details ( not used )                                     |
| B65D 2517/0002 | ..   | Location of opening                                      |
| B65D 2517/0004 | ...  | in can base, i.e. the part on which the container stands |
| B65D 2517/0005 | .... | and also in top wall                                     |
| B65D 2517/0007 | ...  | in a separate cover                                      |
| B65D 2517/0008 | ...  | in side wall   |
| B65D 2517/001  | ..   | Action for opening container ( not used )                |
| B65D 2517/0011 | ...  | push-down tear panel                                     |
| B65D 2517/0013 | ...  | pull-out tear panel, e.g. by means of a tear-tab         |
| B65D 2517/0014 | ...  | pivot tab and push-down tear panel                       |
| B65D 2517/0016 | ...  | pivot tab, push-down and pull-out tear panel             |
| B65D 2517/0017 | ...  | linearly sliding tear panel                              |
| B65D 2517/0019 | ...  | Tear panel rolled about the tab                          |
| B65D 2517/002  | ...  | Unusual opening actions                                  |
| B65D 2517/0022 | ..   | Means for preventing insects from entering container     |
| B65D 2517/0023 | ...  | formed as part of the tab and moved into position        |

|                |       |  |
|----------------|-------|--|
| B65D 2517/0025 | ...   | connected to the rivet and rotated into position, but formed separately from the tab |
| B65D 2517/0026 | ..    | Means for preventing loss of removable element                                       |
| B65D 2517/0028 | ...   | the element being part of the tab  |
| B65D 2517/0029 | ...   | the element being part of the pull-out panel   |
| B65D 2517/0031 | ..    | Reclosable openings ( not used )   |
| B65D 2517/0032 | ...   | the tab reclosing the opening  |
| B65D 2517/0034 | ....  | by means of the hand grip alone, e.g. rotating hand grip into opening                |
| B65D 2517/0035 | ....  | the tab and torn out panel together closing the opening, e.g. by sliding             |
| B65D 2517/0037 | ...   | the tape being resealable  |
| B65D 2517/0038 | ...   | the plug being reinsertable into the opening   |
| B65D 2517/004  | ...   | by means of an additional element  |
| B65D 2517/0041 | ....  | in the form of a cover   |
| B65D 2517/0043 | ....  | in the form of a plug  |
| B65D 2517/0044 | ....  | attached to the tear tab   |
| B65D 2517/0046 | ...   | Unusual reclosable openings  |
| B65D 2517/0047 | ..    | Provided with additional elements other than for closing the opening ( not used )    |
| B65D 2517/0049 | ...   | Straws, spouts, funnels, or other devices facilitating pouring or emptying           |
| B65D 2517/005  | ....  | formed as part of the tab  |
| B65D 2517/0052 | ...   | Prizes, tokens, badges or other information carrying devices                         |
| B65D 2517/0053 | ....  | forming part of, or connected to, the tab  |
| B65D 2517/0055 | ...   | provided with a buoyancy chamber, e.g. for floating in water                         |
| B65D 2517/0056 | ...   | Unusual elements   |
| B65D 2517/0058 | ..    | Other details of container end panel ( not used )                                    |
| B65D 2517/0059 | ...   | General cross-sectional shape of container end panel ( not used )                    |
| B65D 2517/0061 | ....  | U-shaped   |
| B65D 2517/0062 | ..... | and provided with an additional U-shaped peripheral channel                          |
| B65D 2517/0064 | ....  | inverted U-shaped  |
| B65D 2517/0065 | ....  | convex shaped end panel  |
| B65D 2517/0067 | ....  | concave shaped end panel   |
| B65D 2517/0068 | ...   | Ribs or projections in container end panel ( not used )                              |
| B65D 2517/007  | ....  | located within tear-out/push-in panel  |
| B65D 2517/0071 | ....  | located externally of tear-out/push-in panel or preformed opening                    |
| B65D 2517/0073 | ....  | located under tab hand grip to facilitate initial lifting of the tab                 |
| B65D 2517/0074 | ...   | Local recess in container end panel  |
| B65D 2517/0076 | ....  | located beneath tab contact point  |
| B65D 2517/0077 | ....  | located externally of tear-out/push-in panel or preformed opening                    |
| B65D 2517/0079 | ....  | located beneath tab hand grip to facilitate initial lifting                          |
| B65D 2517/008  | ...   | Materials of container end panel ( not used )  |
| B65D 2517/0082 | ....  | Coated or laminated metal  |
| B65D 2517/0083 | ....  | Rigid plastic  |
| B65D 2517/0085 | ....  | Foil-like, e.g. paper or cardboard   |

|                |       |  |
|----------------|-------|--|
| B65D 2517/0086 | ..... | laminated  |
| B65D 2517/0088 | ..... | with plastic overmoulded onto foil   |
| B65D 2517/0089 | ...   | Unusual details  |
| B65D 2517/0091 | ..    | Means for venting upon initial opening ( not used )  |
| B65D 2517/0092 | ...   | formed as a partial score line located close to the tab connection   |
| B65D 2517/0094 | ...   | formed as a separate opening   |
| B65D 2517/0095 | ...   | formed as a protuberance, contiguous with the opening  |
| B65D 2517/0097 | ...   | Permeable membrane located proximate to opening region   |
| B65D 2517/0098 | ..    | Means for preventing dust contacting pouring opening, e.g. a cover over the tear panel                                   |
| B65D 2517/50   | .     | Non-integral frangible members applied to, or inserted in, a preformed opening ( not used )                              |
| B65D 2517/5002 | ..    | Details of flexible tape or foil-like material ( not used )  |
| B65D 2517/5005 | ...   | with a part of the tape melted through the opening   |
| B65D 2517/5008 | ...   | with a sealing coat  |
| B65D 2517/501  | ...   | with the tape, or one layer thereof, being folded to cover both the top and bottom of container end panel                |
| B65D 2517/5013 | ...   | the tape covering almost the whole of the container end panel  |
| B65D 2517/5016 | ...   | with means for maintaining the tape fixed to the upper surface after initial opening                                     |
| B65D 2517/5018 | ....  | the other side of the tape being attached to the container to keep the tear panel in the open position                   |
| B65D 2517/5021 | ...   | Spiral shaped tear-out tape  |
| B65D 2517/5024 | ...   | Material ( not used )  |
| B65D 2517/5027 | ....  | Single layer   |
| B65D 2517/5029 | ..... | and connected to container by local areas of adhesive  |
| B65D 2517/5032 | ....  | Laminated  |
| B65D 2517/5035 | ..... | and connected to container by local areas of adhesive  |
| B65D 2517/5037 | ...   | Unusual details  |
| B65D 2517/504  | ..    | Details of preformed openings ( not used )   |
| B65D 2517/5043 | ...   | provided with a flange ( not used )  |
| B65D 2517/5045 | ....  | Down-turned flange, i.e. extending into container  |
| B65D 2517/5048 | ..... | rolled or folded back, e.g. to avoid sharp edges   |
| B65D 2517/5051 | ....  | Up-turned flange, i.e. extending away from container   |
| B65D 2517/5054 | ..... | rolled or folded back, e.g. to avoid sharp edges   |
| B65D 2517/5056 | ...   | the edge of the preformed opening having a covering element or coating, e.g. to prevent cutting or for sealing purposes  |
| B65D 2517/5059 | ...   | provided with a plurality of openings  |
| B65D 2517/5062 | ...   | the edge of the preformed opening being provided with incisions or notches for facilitating removal                      |
| B65D 2517/5064 | ...   | the punched-out part of the preformed opening is re-inserted in the preformed opening and forming part of the tear panel |
| B65D 2517/5067 | ...   | provided with a "tongue"   |
| B65D 2517/507  | ...   | Unusual details  |

|                     |      |   |
|---------------------|------|---|
| B65D 2517/5072      | ..   | Details of hand grip, tear- or lift-tab ( not used )  |
| B65D 2517/5075      | ...  | Hand grip with finger opening   |
| B65D 2517/5078      | .... | finger opening edge rolled or folded over   |
| B65D 2517/5081      | .... | the hand grip formed as an annular or U-shaped element  |
| B65D 2517/5083      | ...  | with means facilitating initial lifting of tape, e.g. lift or pull-tabs   |
| B65D 2517/5086      | .... | Tape having a U-shaped peripheral section which forms the pull-tab  |
| B65D 2517/5089      | .... | Lift- or tear-tab formed as a separate piece from flexible tape of foil-like material                                   |
| B65D 2517/5091      | ...  | Unusual details   |
| B65D 2517/5094      | ..   | Details of frangible member hinge   |
| B65D 2517/5097      | ...  | Hinge line off-set from longitudinal axis of opening, i.e. 0 deg.<angle<90 deg.   |
| <b>B65D 2519/00</b> |      | <b>Pallets or like platforms, with or without side walls, for supporting loads to be lifted or lowered ( not used )</b> |
| B65D 2519/00004     | .    | Details relating to pallets ( not used )  |
| B65D 2519/00009     | ..   | Materials   |
| B65D 2519/00014     | ...  | for the load supporting surface   |
| B65D 2519/00019     | .... | Paper   |
| B65D 2519/00024     | .... | Metal   |
| B65D 2519/00029     | .... | Wood  |
| B65D 2519/00034     | .... | Plastic   |
| B65D 2519/00039     | .... | Agglomerates, i.e. different materials mixed together   |
| B65D 2519/00044     | .... | Combination, e.g. different elements made of different materials, laminates   |
| B65D 2519/00049     | ...  | for the base surface  |
| B65D 2519/00054     | .... | Paper   |
| B65D 2519/00059     | .... | Metal   |
| B65D 2519/00064     | .... | Wood  |
| B65D 2519/00069     | .... | Plastic   |
| B65D 2519/00074     | .... | Agglomerates, i.e. different materials mixed together   |
| B65D 2519/00079     | .... | Combination, e.g. different elements made of different materials, laminates   |
| B65D 2519/00084     | ...  | for the non-integral separating spacer  |
| B65D 2519/00089     | .... | Paper   |
| B65D 2519/00094     | .... | Metal   |
| B65D 2519/00099     | .... | Wood  |
| B65D 2519/00104     | .... | Plastic   |
| B65D 2519/00109     | .... | Agglomerates, i.e. different materials mixed together   |
| B65D 2519/00114     | .... | Combination, e.g. different elements made of different materials, laminates   |
| B65D 2519/00119     | ...  | for the construction of the reinforcements ( not used for the integral reinforcements )                                 |
| B65D 2519/00124     | .... | Paper   |
| B65D 2519/00129     | .... | Metal   |
| B65D 2519/00134     | .... | Wood  |

|                 |       |   |
|-----------------|-------|---|
| B65D 2519/00139 | ....  | Plastic   |
| B65D 2519/00144 | ....  | Agglomerates, i.e. different materials mixed together                       |
| B65D 2519/00149 | ....  | Combination, e.g. different elements made of different materials, laminates |
| B65D 2519/00154 | ...   | for the side walls  |
| B65D 2519/00159 | ....  | Paper   |
| B65D 2519/00164 | ....  | Metal   |
| B65D 2519/00169 | ....  | Wood  |
| B65D 2519/00174 | ....  | Plastic   |
| B65D 2519/00179 | ....  | Agglomerates, i.e. different materials mixed together                       |
| B65D 2519/00184 | ....  | Combination, e.g. different elements made of different materials, laminates |
| B65D 2519/00189 | ...   | for the lid or cover  |
| B65D 2519/00194 | ....  | Paper   |
| B65D 2519/00199 | ....  | Metal   |
| B65D 2519/00203 | ....  | Wood  |
| B65D 2519/00208 | ....  | Plastic   |
| B65D 2519/00213 | ....  | Agglomerates, i.e. different materials mixed together                       |
| B65D 2519/00218 | ....  | Combination, e.g. different elements made of different materials, laminates |
| B65D 2519/00223 | ...   | for the corner elements or corner frames                                    |
| B65D 2519/00228 | ....  | Paper   |
| B65D 2519/00233 | ....  | Metal   |
| B65D 2519/00238 | ....  | Wood  |
| B65D 2519/00243 | ....  | Plastic   |
| B65D 2519/00248 | ....  | Agglomerates, i.e. different materials mixed together                       |
| B65D 2519/00253 | ....  | Combination, e.g. different elements made of different materials, laminates |
| B65D 2519/00258 | ..    | Overall construction ( not used )   |
| B65D 2519/00263 | ...   | of the pallet ( not used )  |
| B65D 2519/00268 | ....  | made of one piece   |
| B65D 2519/00273 | ....  | made of more than one piece   |
| B65D 2519/00278 | ....  | the load supporting surface and the base surface being identical            |
| B65D 2519/00283 | ...   | of the load supporting surface ( not used )                                 |
| B65D 2519/00288 | ....  | made of one piece   |
| B65D 2519/00293 | ....  | made of more than one piece   |
| B65D 2519/00298 | ....  | skeleton type   |
| B65D 2519/00303 | ....  | Cell type, e.g. honeycomb   |
| B65D 2519/00308 | ....  | grid type, e.g. perforated plate  |
| B65D 2519/00313 | ...   | of the base surface ( not used )  |
| B65D 2519/00318 | ....  | made of one piece   |
| B65D 2519/00323 | ....  | made of more than one piece   |
| B65D 2519/00328 | ....  | shape of the contact surface of the base ( not used )                       |
| B65D 2519/00333 | ..... | contact surface having a stringer-like shape                                |
| B65D 2519/00338 | ..... | contact surface having a discrete foot-like shape                           |
| B65D 2519/00343 | ..... | contact surface being substantially in the form of a panel                  |



|                 |       |   |
|-----------------|-------|---|
| B65D 2519/00348 | ..... | contact surface of other form   |
| B65D 2519/00353 | ....  | skeleton type   |
| B65D 2519/00358 | ....  | Cell type, e.g. honeycomb   |
| B65D 2519/00363 | ....  | grid type, e.g. perforated plate  |
| B65D 2519/00368 | ...   | of the non-integral separating spacer   |
| B65D 2519/00373 | ....  | made of one piece   |
| B65D 2519/00378 | ....  | made of more than one piece   |
| B65D 2519/00383 | ....  | skeleton type   |
| B65D 2519/00388 | ....  | Cell type, e.g. honeycomb   |
| B65D 2519/00393 | ....  | grid type, e.g. perforated plate  |
| B65D 2519/00398 | ...   | reinforcements  |
| B65D 2519/00402 | ....  | Integral, e.g. ribs   |
| B65D 2519/00407 | ..... | on the load supporting surface  |
| B65D 2519/00412 | ..... | on the base surface   |
| B65D 2519/00417 | ..... | on the non-integral separating spacer   |
| B65D 2519/00422 | ..... | on the walls  |
| B65D 2519/00427 | ..... | on the lid or cover   |
| B65D 2519/00432 | ....  | Non-integral, e.g. inserts ( <a href="#">B65D 2519/00462</a> takes precedence )   |
| B65D 2519/00437 | ..... | on the load supporting surface  |
| B65D 2519/00442 | ..... | on the base surface   |
| B65D 2519/00447 | ..... | on the non-integral separating spacer   |
| B65D 2519/00452 | ..... | on the walls  |
| B65D 2519/00457 | ..... | on the lid or cover   |
| B65D 2519/00462 | ....  | Applied in mold, e.g. bi-injection molded reinforcement                           |
| B65D 2519/00467 | ..... | on or in the load supporting surface  |
| B65D 2519/00472 | ..... | on or in the base surface   |
| B65D 2519/00477 | ..... | on or in the non-integral separating spacer                                       |
| B65D 2519/00482 | ..... | on or in the walls  |
| B65D 2519/00487 | ..... | on or in the lid or cover   |
| B65D 2519/00492 | ...   | of the side walls   |
| B65D 2519/00497 | ....  | made of one piece   |
| B65D 2519/00502 | ....  | made of more than one piece   |
| B65D 2519/00507 | ....  | shape of the wall, i.e. other than rectangular                                    |
| B65D 2519/00512 | ....  | skeleton type   |
| B65D 2519/00517 | ....  | cell type, e.g. honeycomb   |
| B65D 2519/00522 | ....  | grid type, e.g. perforated plate  |
| B65D 2519/00527 | ....  | Hollow walls  |
| B65D 2519/00532 | ....  | Frame structures  |
| B65D 2519/00537 | ...   | of the lid or cover ( <a href="#">not used</a> )                                  |
| B65D 2519/00542 | ...   | of the corner posts ( <a href="#">not used</a> )                                  |
| B65D 2519/00547 | ..    | Connections   |
| B65D 2519/00552 | ...   | Structures connecting the constitutive elements of the pallet to each other, i.e. |

|                 |       |   |
|-----------------|-------|---|
|                 |       | load supporting surface, base surface and/or separate spacer  |
| B65D 2519/00557 | ....  | without separate auxiliary elements   |
| B65D 2519/00562 | ..... | chemical connection, e.g. glued, welded, sealed   |
| B65D 2519/00567 | ..... | mechanical connection, e.g. snap-fitted   |
| B65D 2519/00572 | ....  | with separate auxiliary element, e.g. screws, nails, bayonets   |
| B65D 2519/00577 | ...   | structures connecting side walls, including corner posts, to each other   |
| B65D 2519/00582 | ....  | structures intended to be disassembled, i.e. collapsible or dismountable  |
| B65D 2519/00587 | ..... | side walls directly connected to each other   |
| B65D 2519/00592 | ..... | by means of hinges  |
| B65D 2519/00597 | ..... | integrally formed   |
| B65D 2519/00601 | ..... | separately formed   |
| B65D 2519/00606 | ..... | side walls connected via corner posts   |
| B65D 2519/00611 | ..... | side walls maintained connected to each other by means of auxiliary locking elements, e.g. spring loaded locking pins |
| B65D 2519/00616 | ....  | structures not intended to be disassembled  |
| B65D 2519/00621 | ..... | sidewalls directly connected to each other  |
| B65D 2519/00626 | ..... | sidewalls connected via corner posts  |
| B65D 2519/00631 | ....  | sidewalls not connected to each other, e.g. spaced apart frames   |
| B65D 2519/00636 | ...   | structures connecting side walls to the pallet  |
| B65D 2519/00641 | ....  | Structures intended to be disassembled  |
| B65D 2519/00646 | ..... | by means of hinges  |
| B65D 2519/00651 | ..... | integrally formed   |
| B65D 2519/00656 | ..... | separately formed   |
| B65D 2519/00661 | ..... | side walls maintained connected to pallet by means of auxiliary locking elements, e.g. spring loaded locking pins     |
| B65D 2519/00666 | ....  | Structures not intended to be disassembled  |
| B65D 2519/00671 | ...   | structures connecting corner posts to the pallet  |
| B65D 2519/00676 | ....  | Structures intended to be disassembled  |
| B65D 2519/00681 | ..... | Hinges  |
| B65D 2519/00686 | ..... | integrally formed   |
| B65D 2519/00691 | ..... | separately formed   |
| B65D 2519/00696 | ..... | corner posts maintained connected to pallet by means of auxiliary locking elements, e.g. spring loaded locking pins   |
| B65D 2519/00701 | ....  | Structures not intended to be disassembled  |
| B65D 2519/00706 | ...   | structures connecting the lid or cover to the side walls or corner posts  |
| B65D 2519/00711 | ....  | removable lid or covers   |
| B65D 2519/00716 | ....  | non-removable lid or covers   |
| B65D 2519/00721 | ..... | hinged lids   |
| B65D 2519/00726 | ..... | integrally formed   |
| B65D 2519/00731 | ..... | separately formed   |
| B65D 2519/00736 | ..    | Details ( not used )  |
| B65D 2519/00741 | ...   | Dimensional aspects of the pallet ( not used )  |
| B65D 2519/00746 | ....  | divisible into sub-pallets of smaller dimensions  |

|                 |       |   |
|-----------------|-------|---|
| B65D 2519/00751 | ..... | joined together by integral breakable elements  |
| B65D 2519/00756 | ..... | joined together by removable elements, e.g. bands encircling the feed   |
| B65D 2519/00761 | ....  | the surface being variable, e.g. extendable pallets ( <a href="#">B65D 2519/00746 takes precedence</a> )  |
| B65D 2519/00766 | ..... | with one set of interchangeable elements to adapt the surface to different dimensions   |
| B65D 2519/00771 | ....  | smaller than "standard"   |
| B65D 2519/00776 | ...   | Accessories for manipulating the pallet   |
| B65D 2519/00781 | ....  | for moving on a surface, e.g. wheels, pads ( <a href="#">B65D 2519/00825 takes precedence</a> )   |
| B65D 2519/00786 | ....  | for lifting, e.g. hooks, loops  |
| B65D 2519/00791 | ..... | handles, handgrip holes   |
| B65D 2519/00796 | ....  | Guiding means for fork-lift   |
| B65D 2519/008   | ...   | Drainage means  |
| B65D 2519/00805 | ...   | Means for facilitating the removal of the load  |
| B65D 2519/0081  | ...   | Elements or devices for locating articles   |
| B65D 2519/00815 | ....  | on the pallet   |
| B65D 2519/0082  | ....  | in the side wall  |
| B65D 2519/00825 | ...   | Finishing of the external surfaces  |
| B65D 2519/0083  | ....  | Anti-slip means ( <a href="#">not used</a> )  |
| B65D 2519/00835 | ..... | Integral  |
| B65D 2519/0084  | ..... | Separated elements, e.g. including in-moulded elements  |
| B65D 2519/00845 | ....  | Slip means ( <a href="#">not used</a> )   |
| B65D 2519/0085  | ..... | Integral  |
| B65D 2519/00855 | ..... | Separated elements, e.g. including in-moulded elements  |
| B65D 2519/0086  | ...   | Protection against environmental hazards, e.g. humidity, bacteria, fire   |
| B65D 2519/00865 | ...   | Collapsible, i.e. at least two constitutive elements remaining hingedly connected   |
| B65D 2519/0087  | ....  | collapsible pallet  |
| B65D 2519/00875 | ....  | collapsible side walls  |
| B65D 2519/0088  | ..... | comprising two side walls hinged to a base panel and two other side walls being extensions hinged to said side walls  |
| B65D 2519/00885 | ..... | and one or more side walls being foldable along a median line   |
| B65D 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  |
| B65D 2519/00895 | ..... | and one or more side walls being foldable along a median line   |
| B65D 2519/009   | ....  | whereby all side walls are hingedly connected to the base panel   |
| B65D 2519/00905 | ..... | and one or more side walls being foldable along a median line   |
| B65D 2519/0091  | ....  | whereby all side walls are hingedly connected to each other   |
| B65D 2519/00915 | ..... | and one or more side walls being foldable along a median line   |
| B65D 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 |
| B65D 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                          |
| B65D 2519/0093  | ....  | structures for maintaining the pallet in a collapsed state    |
| B65D 2519/00935 | ...   | with special means for nesting or stacking                    |
| B65D 2519/0094  | ....  | nestable  |
| B65D 2519/00945 | ..... | when upside down  |
| B65D 2519/0095  | ..... | when loaded   |
| B65D 2519/00955 | ....  | stackable   |
| B65D 2519/0096  | ..... | when empty  |
| B65D 2519/00965 | ..... | when loaded   |
| B65D 2519/0097  | ..... | through corner posts  |
| B65D 2519/00975 | ..... | through the side walls  |
| B65D 2519/0098  | ...   | Dismountable elements   |
| B65D 2519/00985 | ....  | the pallet being not usable as a pallet after dismounting     |
| B65D 2519/0099  | ....  | single dismountable pallet element, e.g. for replacement      |
| B65D 2519/00995 | ....  | detachable elements of the side wall, i.e. not the whole wall |

#### **B65D 2525/00**      **Details of other kinds or types of rigid or semi-rigid containers**

|               |      |   |
|---------------|------|---|
| B65D 2525/28  | .    | Handles   |
| B65D 2525/281 | ..   | Details relating to handles   |
| B65D 2525/282 | ...  | combined with content- dispensing means, e.g. spouts                                    |
| B65D 2525/283 | ...  | combined with container closing means, e.g. stopper                                     |
| B65D 2525/284 | ...  | combined with closure retaining means   |
| B65D 2525/285 | ...  | removable or detachable   |
| B65D 2525/286 | ...  | movable between two or more stable positions, e.g. a retracted and an extended position |
| B65D 2525/287 | .... | by sliding action   |
| B65D 2525/288 | .... | by pivoting action  |
| B65D 2525/289 | ...  | Handgrip-element made separately from the handle  |

#### **B65D 2539/00**      **Details relating to closures arranged within necks or pouring openings or in discharge apertures, e.g. stoppers**

|               |    |   |
|---------------|----|---|
| B65D 2539/001 | .  | Details of closures arranged within necks or pouring opening or in discharge apertures, e.g. stoppers |
| B65D 2539/003 | .. | provided with sealing flanges or ribs   |
| B65D 2539/005 | .. | provided with slits or gaps for increasing the elasticity   |
| B65D 2539/006 | .. | provided with separate sealing rings  |
| B65D 2539/008 | .. | with coatings or coverings  |

#### **B65D 2543/00**      **Lids or covers essentially for box-like containers ( [for container closures in general B65D 2251/00](#) )**

|                 |   |  |
|-----------------|---|--|
| B65D 2543/00009 | . | Details of lids or covers for rigid or semi-rigid containers |
|-----------------|---|--|

|                 |       |  |
|-----------------|-------|--|
| B65D 2543/00018 | ..    | Overall construction of the lid  |
| B65D 2543/00027 | ...   | Stackable lids or covers   |
| B65D 2543/00037 | ...   | Disc closures  |
| B65D 2543/00046 | ...   | Drinking-through lids  |
| B65D 2543/00055 | ...   | Lids serving as, or incorporating, drinking or measuring vessels   |
| B65D 2543/00064 | ...   | Shape of the outer periphery   |
| B65D 2543/00074 | ....  | curved ( <a href="#">combined with straight sides B65D 2543/0012</a> )   |
| B65D 2543/00083 | ..... | oval   |
| B65D 2543/00092 | ..... | circular   |
| B65D 2543/00101 | ..... | square-like or rectangular-like  |
| B65D 2543/00111 | ..... | triangular-like, i.e. three curved sides   |
| B65D 2543/0012  | ....  | having straight sides, e.g. with curved corners  |
| B65D 2543/00129 | ..... | two straight sides and at least one curved side  |
| B65D 2543/00138 | ..... | with one curved side   |
| B65D 2543/00148 | ..... | with two curved sides  |
| B65D 2543/00157 | ..... | three straight sides   |
| B65D 2543/00166 | ..... | and at least one curved side   |
| B65D 2543/00175 | ..... | four straight sides, e.g. trapezium or diamond   |
| B65D 2543/00185 | ..... | and at least one curved side   |
| B65D 2543/00194 | ..... | square or rectangular ( <a href="#">with curved sides B65D 2543/00101</a> )  |
| B65D 2543/00203 | ..... | specifically square  |
| B65D 2543/00212 | ..... | more than four sides   |
| B65D 2543/00222 | ...   | Hollow and made of one piece   |
| B65D 2543/00231 | ...   | made of several pieces   |
| B65D 2543/0024  | ....  | two pieces, one forming at least the whole skirt, the other forming at least the whole upper part  |
| B65D 2543/0025  | ...   | Multi-position closures  |
| B65D 2543/00259 | ...   | Materials used   |
| B65D 2543/00268 | ....  | Paper  |
| B65D 2543/00277 | ....  | Metal  |
| B65D 2543/00287 | ....  | Wood   |
| B65D 2543/00296 | ....  | Plastic  |
| B65D 2543/00305 | ....  | Other  |
| B65D 2543/00314 | ....  | Combination, e.g. laminates, several different materials   |
| B65D 2543/00324 | ...   | Lids integrally moulded with the container, or with a connecting piece, and separated therefrom by rupturing the connection before the first use |
| B65D 2543/00333 | ...   | Not reusable, e.g. destroyed on opening  |
| B65D 2543/00342 | ..    | Central part of the lid  |
| B65D 2543/00351 | ...   | Dome-like  |
| B65D 2543/00361 | ....  | placed on a tray like container  |
| B65D 2543/0037  | ...   | Flexible or deformable   |
| B65D 2543/00379 | ....  | hinged or articulated, i.e. made of two or more parts hinged one to another  |
| B65D 2543/00388 | ...   | Bent or angled, i.e. central part presents two main planes   |

|                 |       |  |
|-----------------|-------|--|
| B65D 2543/00398 | ...   | Reinforcing ribs in the central part of the closure                                      |
| B65D 2543/00407 | ....  | radial   |
| B65D 2543/00416 | ....  | circular   |
| B65D 2543/00425 | ..    | Lids or covers welded or adhered to the container  |
| B65D 2543/00435 | ..    | Lids secured to an intermediate ring or like annular member fixed to the container mouth |
| B65D 2543/00444 | ..    | Contact between the container and the lid  |
| B65D 2543/00453 | ...   | in a peripheral U-shaped channel of the container  |
| B65D 2543/00462 | ....  | peripheral U-shaped channel of the lid   |
| B65D 2543/00472 | ....  | Skirt  |
| B65D 2543/00481 | ...   | on the inside or the outside of the container  |
| B65D 2543/0049  | ....  | on the inside, or a part turned to the inside of the mouth of the container              |
| B65D 2543/005   | ..... | both cup and skirt   |
| B65D 2543/00509 | ..... | Cup  |
| B65D 2543/00518 | ..... | Skirt  |
| B65D 2543/00527 | ..... | NO contact   |
| B65D 2543/00537 | ....  | on the outside, or a part turned to the outside of the mouth of the container            |
| B65D 2543/00546 | ..... | NO contact   |
| B65D 2543/00555 | ....  | on both the inside and the outside   |
| B65D 2543/00564 | ...   | indirect by means of a gasket or similar intermediate ring                               |
| B65D 2543/00574 | ...   | secured locally, i.e. a lot less than half the periphery                                 |
| B65D 2543/00583 | ...   | Means for limiting the axial insertion of the lid on the container                       |
| B65D 2543/00592 | ...   | Snapping means   |
| B65D 2543/00601 | ....  | on the container   |
| B65D 2543/00611 | ..... | Profiles   |
| B65D 2543/0062  | ..... | Groove or hollow bead  |
| B65D 2543/00629 | ..... | Massive bead   |
| B65D 2543/00638 | ..... | Rolled edge  |
| B65D 2543/00648 | ..... | Flange or lip  |
| B65D 2543/00657 | ..... | U-shaped or inverted U   |
| B65D 2543/00666 | ..... | Hole   |
| B65D 2543/00675 | ..... | Periphery concerned  |
| B65D 2543/00685 | ..... | Totality   |
| B65D 2543/00694 | ..... | Segments   |
| B65D 2543/00703 | ..... | Dots   |
| B65D 2543/00712 | ....  | on the lid   |
| B65D 2543/00722 | ..... | Profiles   |
| B65D 2543/00731 | ..... | Groove or hollow bead  |
| B65D 2543/0074  | ..... | Massive bead   |
| B65D 2543/0075  | ..... | Rolled edge  |
| B65D 2543/00759 | ..... | Flange or lip  |
| B65D 2543/00768 | ..... | U-shaped or inverted U   |



|                 |       |  |
|-----------------|-------|--|
| B65D 2543/00777 | ..... | Hole   |
| B65D 2543/00787 | ..... | Periphery concerned  |
| B65D 2543/00796 | ..... | Totality   |
| B65D 2543/00805 | ..... | Segments   |
| B65D 2543/00814 | ..... | Dots   |
| B65D 2543/00824 | ..    | Means for facilitating removing of the closure                                     |
| B65D 2543/00833 | ...   | Integral tabs, tongues, handles or similar   |
| B65D 2543/00842 | ....  | outside of the lid   |
| B65D 2543/00851 | ....  | on the central part of the lid   |
| B65D 2543/00861 | ...   | Non-integral tabs, tongues, handles or similar                                     |
| B65D 2543/0087  | ....  | outside of the lid   |
| B65D 2543/00879 | ....  | on the central part of the lid   |
| B65D 2543/00888 | ...   | by applying lever forces   |
| B65D 2543/00898 | ....  | by means of a coin or other tool in recesses or similar on container or lid        |
| B65D 2543/00907 | ....  | directly on two elements of container and lid respectively, i.e. using the fingers |
| B65D 2543/00916 | ....  | downward vertical pressure in order to tilt the opposite side of the lid           |
| B65D 2543/00925 | ...   | by applying inwardly directed pressure at two horizontally opposed points          |
| B65D 2543/00935 | ...   | by depressing the central part at least locally                                    |
| B65D 2543/00944 | ...   | Located only on the container, e.g. recesses                                       |
| B65D 2543/00953 | ..    | Sealing means  |
| B65D 2543/00962 | ...   | inserted   |
| B65D 2543/00972 | ....  | Collars or rings   |
| B65D 2543/00981 | ....  | Discs  |
| B65D 2543/0099  | ...   | Integral supplemental sealing lips   |

#### **B65D 2547/00      Closures with filling and discharging, or with discharging, devices**

|               |      |   |
|---------------|------|---|
| B65D 2547/04  | .    | Closures with discharging devices other than pumps                |
| B65D 2547/06  | ..   | with pouring spouts or tubes ; with discharge nozzles or passages |
| B65D 2547/063 | ...  | Details of spouts   |
| B65D 2547/066 | .... | inserted in or attached to the base element                       |

#### **B65D 2555/00      Accessories for container closures not otherwise provided for**

|               |    |   |
|---------------|----|---|
| B65D 2555/02  | .  | Locking devices ; Means for discouraging or indicating unauthorised opening or removal of closure |
| B65D 2555/025 | .. | Applied tearing or cutting means, e.g. tear-strings   |

#### **B65D 2563/00      Flexible elongated elements, e.g. straps for bundling or supporting articles**

|              |   |  |
|--------------|---|--|
| B65D 2563/10 | . | Non-metallic straps, tapes or bands ; Filamentary elements, e.g. strings, threads, wires ; Joints between ends thereof |
|--------------|---|--|

- B65D 2563/101 . . Details of non-metallic straps, tapes or bands
- B65D 2563/102 . . . having an integral securing member with only one locking position, i.e. the strap cannot be tightened
- B65D 2563/103 . . . details of the male locking member, e.g. locking teeth on the strap
- B65D 2563/105 . . . . formed as spheres, cones, pyramids or the like
- B65D 2563/106 . . . . formed as a ladder-like structure
- B65D 2563/107 . . . having a release mechanism, e.g. reusable bundling straps
- B65D 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

#### **B65D 2565/00      Wrappers or flexible covers ; Packaging materials of special type or form**

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

#### **B65D 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**

- B65D 2571/00006 . Palletisable loads, i.e. loads intended to be transported by means of a fork-lift truck
- B65D 2571/00012 . . Bundles surrounded by a film
- B65D 2571/00018 . . . under tension
- B65D 2571/00024 . . . . Mechanical characteristics of the shrink film
- B65D 2571/0003 . . . . Mechanical characteristics of the stretch film
- B65D 2571/00037 . . Bundles surrounded by carton blanks
- B65D 2571/00043 . . Intermediate plates or the like
- B65D 2571/00049 . . . placed vertically
- B65D 2571/00055 . . Clapping elements, also placed on the side
- B65D 2571/00061 . . Special configuration of the stack
- B65D 2571/00067 . . Local maintaining elements, e.g. partial packaging, shrink packaging, shrink small bands
- B65D 2571/00074 . . . Stabilising or reinforcing columns
- B65D 2571/0008 . . Load supporting elements ( **Not used** )
- B65D 2571/00086 . . . Feet or isolated supports, not formed by the articles
- B65D 2571/00092 . . . formed by specially placed articles or parts thereof
- B65D 2571/00098 . . Devices for transporting the load also from above

|                 |       |  |
|-----------------|-------|--|
| B65D 2571/00104 | ..    | Forms or jigs for use in making the load   |
| B65D 2571/00111 | ..    | Arrangements of lexible binders  |
| B65D 2571/00117 | ...   | with protecting or supporting elements arranged between binder and articles or materials, e.g. for preventing chafing of binder      |
| B65D 2571/00123 | .     | Bundling wrappers or trays   |
| B65D 2571/00129 | ..    | Wrapper locking means ( <a href="#">end walls locking means B65D 2571/00722</a> )  |
| B65D 2571/00135 | ...   | integrap with the wrapper  |
| B65D 2571/00141 | ....  | glued  |
| B65D 2571/00148 | ....  | heat sealede or welded   |
| B65D 2571/00154 | ....  | interlocked  |
| B65D 2571/0016  | ..... | by tabs protruding from one end and co-operating with openings at the other end  |
| B65D 2571/00166 | ..... | and serving as contents separators or locators   |
| B65D 2571/00172 | ..... | by tabs cut within one end and facing towards the other end when blank is unfolded, and co-operting with openings at the other end   |
| B65D 2571/00179 | ..... | and serving as contents separators or locators   |
| B65D 2571/00185 | ..... | by tabs cut within one end and facing away from the other end when blank is unfolded, and co-operting with openings at the other end |
| B65D 2571/00191 | ..... | and serving as contents separators or locators   |
| B65D 2571/00197 | ..... | by tabs cut within one end and facing laterally or diagonally and co-operting with openings at the other end                         |
| B65D 2571/00203 | ..... | and serving as contents separators or locators   |
| B65D 2571/00209 | ..... | locked at least a part of the contents   |
| B65D 2571/00216 | ...   | non integral with the wrapper  |
| B65D 2571/00222 | ....  | Adhesive members, e.g. tape  |
| B65D 2571/00228 | ....  | Interlocking members   |
| B65D 2571/00234 | ..... | Staples  |
| B65D 2571/0024  | ....  | Strings, cords bands   |
| B65D 2571/00246 | ..    | Locating elements for the contents   |
| B65D 2571/00253 | ...   | integral with the wrapper  |
| B65D 2571/00259 | ....  | inwardly folded tabs, i.e. elements substantially narrower than the corresponding package dimension                                  |
| B65D 2571/00265 | ..... | extending from the upper or lower wall   |
| B65D 2571/00271 | ..... | extending from at least a side wall  |
| B65D 2571/00277 | ....  | Slits or openings formed along a fold line   |
| B65D 2571/00283 | ....  | Openings in at least a side wall   |
| B65D 2571/0029  | ....  | Openings in top or bottom walls  |
| B65D 2571/00296 | ....  | consisting of at least a part of a wall conforming to the contents shape   |
| B65D 2571/00302 | ....  | consisting of an inward deformation of at least a wall, e.g. embossed, keels   |
| B65D 2571/00308 | ....  | consisting of inwardly bent panels or flaps  |
| B65D 2571/00314 | ..... | with locating holes or cuts  |
| B65D 2571/0032  | ...   | inserted the wrapper   |
| B65D 2571/00327 | ...   | the articles being glued to the wrapper  |

|                 |       |   |
|-----------------|-------|---|
| B65D 2571/00333 | ..    | Partitions, i.e. elements contacting a major part of each article or extending across the whole length of the wrapper                             |
| B65D 2571/00339 | ...   | extending from the upper or lower wall  |
| B65D 2571/00345 | ....  | Squarings or the like   |
| B65D 2571/00351 | ..... | Two rows of two cells   |
| B65D 2571/00358 | ..... | Two rows of more than two cells   |
| B65D 2571/00364 | ..... | Four rows of more than two cells  |
| B65D 2571/0037  | ...   | extending from at least a side wall   |
| B65D 2571/00376 | ....  | Squarings or the like   |
| B65D 2571/00382 | ..... | Two rows of two cells   |
| B65D 2571/00388 | ..... | Two rows of more than two cells   |
| B65D 2571/00395 | ..... | Four rows of more than two cells  |
| B65D 2571/00401 | ...   | inserted the wrapper  |
| B65D 2571/00407 | ....  | Squarings or the like   |
| B65D 2571/00413 | ..... | Two rows of two cells   |
| B65D 2571/00419 | ..... | Two rows of more than two cells   |
| B65D 2571/00425 | ..... | Four rows of more than two cells  |
| B65D 2571/00432 | ..    | Handles or suspending means   |
| B65D 2571/00438 | ...   | Holes   |
| B65D 2571/00444 | ....  | for fingers   |
| B65D 2571/0045  | ....  | for hands   |
| B65D 2571/00456 | ...   | integral with the wrapper   |
| B65D 2571/00462 | ....  | Straps made by two slits in a wall  |
| B65D 2571/00469 | ....  | Straps made between two handholes   |
| B65D 2571/00475 | ....  | and extending on a substantially vertical plane   |
| B65D 2571/00481 | ..... | and formed by portions of the top wall being cut out and folded upwardly  |
| B65D 2571/00487 | ..... | and formed integrally with a partition  |
| B65D 2571/00493 | ...   | attached to the wrapper   |
| B65D 2571/005   | ....  | the handle being a part of one of the articles  |
| B65D 2571/00506 | ....  | the handle being formed integrally with an attached partition   |
| B65D 2571/00512 | ...   | movable or foldable between an extended and a retracted position  |
| B65D 2571/00518 | ...   | with reinforcements   |
| B65D 2571/00524 | ....  | integral  |
| B65D 2571/0053  | ....  | attached  |
| B65D 2571/00537 | ...   | with stress relieving means   |
| B65D 2571/00543 | ....  | consisting of cut-outs, slits, or the like  |
| B65D 2571/00549 | ....  | consisting of fold lines  |
| B65D 2571/00555 | ..    | Wrapper opening devices   |
| B65D 2571/00561 | ...   | Lines of weakness ( <a href="#">B65D 2571/00864</a> takes precedence )  |
| B65D 2571/00567 | ....  | defining a narrow removable strip   |
| B65D 2571/00574 | ....  | whereby contents can still be carried after the line has been torn  |
| B65D 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 |

|                 |       |  |
|-----------------|-------|--|
| B65D 2571/00586 | ..... | the means being elastically deformed for removing an object  |
| B65D 2571/00592 | ....  | with means for reclosing   |
| B65D 2571/00598 | ....  | The tearable part having a specific use  |
| B65D 2571/00604 | ..... | for supporting the wrapper in a dispensing position, e.g. inclined   |
| B65D 2571/00611 | ..... | for holding an article, e.g. insulating  |
| B65D 2571/00617 | ....  | combined with means for assisting dispensing not made by the tearable dispensing part                            |
| B65D 2571/00623 | ..... | for preventing the contents from exiting freely  |
| B65D 2571/00629 | ..... | for supporting the wrapper in a dispensing position  |
| B65D 2571/00635 | ...   | Means for unlocking, e.g. for grasping and tearing the glued overlapping edge                                    |
| B65D 2571/00641 | ...   | Inserted cutting bands or strings  |
| B65D 2571/00648 | ..    | Elements used to form the wrapper  |
| B65D 2571/00654 | ...   | Blanks   |
| B65D 2571/0066  | ....  | formed from one single sheet   |
| B65D 2571/00666 | ....  | formed from two or more sheets   |
| B65D 2571/00672 | ...   | Films  |
| B65D 2571/00679 | ....  | Shrink films   |
| B65D 2571/00685 | ....  | Stretch films  |
| B65D 2571/00691 | ...   | Nets   |
| B65D 2571/00697 | ...   | Other elements   |
| B65D 2571/00703 | ...   | Two or more different elements   |
| B65D 2571/00709 | ..    | Shape of the formed wrapper, i.e. shape of each formed element if the wrapper is made from more than one element |
| B65D 2571/00716 | ...   | tubular without end walls  |
| B65D 2571/00722 | ...   | tubular with end walls, e.g. walls not extending on the whole end surface  |
| B65D 2571/00728 | ....  | the end walls being closed by gluing   |
| B65D 2571/00734 | ....  | the end walls being closed by heat sealing   |
| B65D 2571/0074  | ....  | the end walls being closed by applying tape  |
| B65D 2571/00746 | ....  | the end walls being closed by staples  |
| B65D 2571/00753 | ....  | the end walls being closed by interlocking   |
| B65D 2571/00759 | ....  | the end walls having a part tucked between side, top or bottom wall and contents or between two articles         |
| B65D 2571/00765 | ....  | the end walls being retained in closed position by their own rigidity  |
| B65D 2571/00771 | ....  | the end walls being locked to at least a part of the contents  |
| B65D 2571/00777 | ....  | with inserted end walls  |
| B65D 2571/00783 | ....  | the end walls forming the bottom or upper wall   |
| B65D 2571/0079  | ...   | U-shaped   |
| B65D 2571/00796 | ...   | cross-like   |
| B65D 2571/00802 | ...   | Other shapes   |
| B65D 2571/00808 | ..    | Inserts  |
| B65D 2571/00814 | ...   | for reinforcing  |
| B65D 2571/0082  | ...   | Supplementary bounding elements, e.g. straps   |
| B65D 2571/00827 | ...   | Cards, coupons   |

|                 |       |  |
|-----------------|-------|--|
| B65D 2571/00833 | ..    | Other details of wrappers  |
| B65D 2571/00839 | ...   | Integral reinforcements  |
| B65D 2571/00845 | ...   | Windows  |
| B65D 2571/00851 | ...   | Detachable cards, coupons  |
| B65D 2571/00858 | ...   | Devices for locating the wrapped bundle in a container, e.g. in a bottle crate                                   |
| B65D 2571/00864 | ...   | Lines of weakness for separating into subgroups  |
| B65D 2571/0087  | ...   | Special features for machine processing, e.g. gripper apertures  |
| B65D 2571/00876 | ....  | Frangible bridges left into cut lines for facilitating folding operations  |
| B65D 2571/00882 | ...   | Supporting members   |
| B65D 2571/00888 | ...   | Stacking elements  |
| B65D 2571/00895 | ....  | for stacking one upon the other  |
| B65D 2571/00901 | ....  | for stacking side by side  |
| B65D 2571/00907 | ...   | for accommodating articles in different positions or arrangements  |
| B65D 2571/00913 | ...   | for accommodating articles of varying size   |
| B65D 2571/00919 | ...   | Informative or decorative surfaces   |
| B65D 2571/00925 | ...   | for packaging together a set of dissimilar articles  |
| B65D 2571/00932 | ...   | Flattenable or foldable packages   |
| B65D 2571/00938 | ....  | Means for maintaining collapsible packages in erected state ( <a href="#">B65D 2571/00129 takes precedence</a> ) |
| B65D 2571/00944 | ..... | Hooks  |
| B65D 2571/0095  | ..... | engaging a side wall   |
| B65D 2571/00956 | ..... | engaging the bottom wall   |
| B65D 2571/00962 | ..... | by unfolding a wall beyond a dead point  |
| B65D 2571/00969 | ..... | Glue tabs  |
| B65D 2571/00975 | ..... | Locking tabs   |
| B65D 2571/00981 | ..    | External accessories   |
| B65D 2571/00987 | ...   | Straps, strings, or similar elements   |
| B65D 2571/00993 | ...   | Outer wrappers   |

**B65D 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 ( [Not used](#) )**

|                |       |   |
|----------------|-------|---|
| B65D 2575/28   | .     | Articles or materials wholly enclosed in composite wrappers, i.e. wrappers formed by associating or interconnecting two or more sheets or blanks ( <a href="#">Not used</a> )                         |
| B65D 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 ( <a href="#">Not used</a> ) |
| B65D 2575/32   | ...   | one or both sheets or blanks being recessed to accommodate contents ( <a href="#">Not used</a> )  |
| B65D 2575/3209 | ....  | Details ( <a href="#">Not used</a> )  |
| B65D 2575/3218 | ..... | with special means for gaining access to the contents   |
| B65D 2575/3227 | ..... | Cuts or weakening lines   |
| B65D 2575/3236 | ..... | for initiating or facilitating subsequent peeling off of the non-rigid sheet  |



|                     |       |  |
|---------------------|-------|--|
| B65D 2575/3245      | ..... | by peeling off the non-rigid sheet   |
| B65D 2575/3254      | ..... | Integral means for assisting piercing or tearing   |
| B65D 2575/3263      | ..... | Means or construction allowing stacking, bundling or interfitting of packages  |
| B65D 2575/3272      | ..... | Special suspension means for the package   |
| B65D 2575/3281      | ..... | Tear lines dividing the package into a plurality of packages   |
| B65D 2575/329       | ..... | Fixing or supporting means for the contents  |
| B65D 2575/36        | ...   | One sheet or blank being recessed and the other formed or relatively stiff flat sheet material, e.g. blister packages            |
| B65D 2575/361       | ....  | Details  |
| B65D 2575/362       | ..... | with special means for gaining access to the contents  |
| B65D 2575/363       | ..... | by sliding one sheet relative to the other   |
| B65D 2575/365       | ..... | partially or totally releasing one sheet from the other  |
| B65D 2575/366       | ..... | through a preformed opening in the recessed sheet, e.g. the opening being defined by weakened lines                              |
| B65D 2575/367       | ..... | through a preformed opening in the flat sheet, e.g. the opening being defined by weakened lines                                  |
| B65D 2575/368       | ..... | with reclosing means   |
| B65D 2575/52        | .     | Details ( Not used )   |
| B65D 2575/54        | ..    | Cards, coupons, or other inserts or accessories ( Not used )   |
| B65D 2575/56        | ...   | Handles or other suspension means ( Not used )   |
| B65D 2575/565       | ....  | means explicitly used for suspending   |
| B65D 2575/58        | ..    | Opening or contents-removing devices added or incorporated during package manufacture ( Not used )                               |
| B65D 2575/583       | ...   | the non-integral spout having an elongate cross-sectional shape, e.g. canoe or boat shaped                                       |
| B65D 2575/586       | ...   | with means for reclosing   |
| <b>B65D 2577/00</b> |       | <b>Packages formed by enclosing articles or materials in preformed containers, e.g. boxes, cartons, sacks, bags ( not used )</b> |
| B65D 2577/04        | .     | Articles or materials enclosed in two or more containers disposed one within another ( not used )                                |
| B65D 2577/041       | ..    | Details of two or more containers disposed one within another  |
| B65D 2577/042       | ...   | Comprising several inner containers  |
| B65D 2577/043       | ....  | arranged side by side  |
| B65D 2577/045       | ....  | stacked  |
| B65D 2577/046       | ..... | with intermediate trays, plates  |
| B65D 2577/047       | ....  | stacked and arranged side by side  |
| B65D 2577/048       | ..... | with intermediate trays, plates  |
| B65D 2577/10        | .     | Container closures formed after filling ( not used )   |
| B65D 2577/20        | ..    | by applying separate lids or covers ( not used )   |
| B65D 2577/2008      | ...   | Rigid cutting or tearing devices   |

|                     |       |  |
|---------------------|-------|--|
| B65D 2577/2016      | ...   | Reinforcing ribs in the central part of the closure  |
| B65D 2577/2025      | ...   | Multi-layered container, e.g. laminated, coated  |
| B65D 2577/2033      | ....  | with one or more layers of container being torn off upon initial opening   |
| B65D 2577/2041      | ...   | Pull tabs  |
| B65D 2577/205       | ....  | integral with the closure  |
| B65D 2577/2058      | ....  | attached to the closure  |
| B65D 2577/2066      | ...   | Means on, or attached to, container flange facilitating opening, e.g. non-bonding region, cut-out  |
| B65D 2577/2075      | ...   | Lines of weakness or apertures   |
| B65D 2577/2083      | ....  | in container flange  |
| B65D 2577/2091      | ....  | in cover   |
| <b>B65D 2581/00</b> |       | <b>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</b> |
| B65D 2581/02        | .     | specially adapted to protect contents from mechanical damage   |
| B65D 2581/05        | ..    | maintaining contents at spaced relation from package walls, or from other contents   |
| B65D 2581/051       | ...   | Details of packaging elements for maintaining contents at spaced relation from package walls, or from other contents   |
| B65D 2581/052       | ....  | Materials  |
| B65D 2581/053       | ..... | Paper in general, e.g. paperboard, carton, molded paper  |
| B65D 2581/055       | ..... | Plastic in general, e.g. foamed plastic, molded plastic, extruded plastic  |
| B65D 2581/056       | ..... | Other materials, e.g. metals, straw, coconut fibre   |
| B65D 2581/057       | ....  | Edge protectors adapted to protect the circular edge of rolls of material, e.g. coils of sheet metal   |
| B65D 2581/058       | ....  | Edge or corner protectors connected to each other by separate elements   |
| B65D 2581/34        | .     | for packaging foodstuffs or other articles intended to be cooked or heated within  |
| B65D 2581/3401      | ..    | Cooking or heating method specially adapted to the contents of the package ( <a href="#">not used</a> )  |
| B65D 2581/3402      | ...   | characterised by the type of product to be heated or cooked  |
| B65D 2581/3404      | ....  | Cooking pasta dishes, e.g. noodles   |
| B65D 2581/3405      | ....  | Cooking bakery products  |
| B65D 2581/3406      | ..... | Pizza or bread   |
| B65D 2581/3408      | ..... | Cakes and the like, e.g. muffins, cupcakes   |
| B65D 2581/3409      | ....  | Brewing coffee or tea  |
| B65D 2581/341       | ....  | Cooking eggs   |
| B65D 2581/3412      | ....  | Cooking fried food ( <a href="#">B65D 2581/3416</a> and <a href="#">B65D 2581/3417</a> take precedence )   |
| B65D 2581/3413      | ..... | Fish sticks or french fries  |
| B65D 2581/3414      | ....  | Heating an adhesive or a glue  |
| B65D 2581/3416      | ....  | Cooking meat products, e.g. hot-dogs, hamburgers   |
| B65D 2581/3417      | ..... | Bacon  |
| B65D 2581/3418      | ..... | Poultry  |

|                                |       |   |
|--------------------------------|-------|---|
| <a href="#">B65D 2581/342</a>  | ..... | Ham   |
| <a href="#">B65D 2581/3421</a> | ....  | Cooking pop-corn  |
| <a href="#">B65D 2581/3422</a> | ....  | Cooking rice dishes   |
| <a href="#">B65D 2581/3424</a> | ....  | Cooking fish or shellfish ( <a href="#">B65D 2581/3413</a> takes precedence )   |
| <a href="#">B65D 2581/3425</a> | ....  | Cooking a complete meal, e.g. TV-dinners ( trays with moulded compartments <a href="#">B65D 1/36</a> )  |
| <a href="#">B65D 2581/3427</a> | ....  | Cooking vegetables  |
| <a href="#">B65D 2581/3428</a> | ....  | Cooking unusual food, i.e. none of the above foods  |
| <a href="#">B65D 2581/3429</a> | ...   | Packages containing a secondary product to be cooked and discharged over the primary product  |
| <a href="#">B65D 2581/3431</a> | ....  | the secondary product, e.g. fudge, being heated over ice-cream  |
| <a href="#">B65D 2581/3432</a> | ....  | the secondary product, e.g. flavouring sauce, being enclosed in a second package  |
| <a href="#">B65D 2581/3433</a> | ....  | to add moisture to the product, e.g. steaming ( <a href="#">B65D 81/3438</a> takes precedence )   |
| <a href="#">B65D 2581/3435</a> | ...   | Package specially adapted for defrosting the contents by microwave heating  |
| <a href="#">B65D 2581/3436</a> | ...   | Doneness indicators, e.g. to indicate whether the food is cooked  |
| <a href="#">B65D 2581/3437</a> | ..    | specially adapted to be heated by microwaves  |
| <a href="#">B65D 2581/3439</a> | ...   | Means for affecting the heating or cooking properties   |
| <a href="#">B65D 2581/344</a>  | ....  | Geometry or shape factors influencing the microwave heating properties  |
| <a href="#">B65D 2581/3441</a> | ..... | 3-D geometry or shape factors, e.g. depth-wise  |
| <a href="#">B65D 2581/3443</a> | ..... | Shape or size of microwave reactive particles in a coating or ink   |
| <a href="#">B65D 2581/3444</a> | ....  | Packages having devices which convert microwave energy into movement  |
| <a href="#">B65D 2581/3445</a> | ....  | Microwave reactive adhesives, e.g. also used in valves or lids  |
| <a href="#">B65D 2581/3447</a> | ....  | Heat attenuators, blocking agents or heat insulators for temperature control  |
| <a href="#">B65D 2581/3448</a> | ....  | Binders for microwave reactive materials, e.g. for inks or coatings   |
| <a href="#">B65D 2581/345</a>  | ....  | Chemical browning agents or aroma adding agents, e.g. smoked flavour  |
| <a href="#">B65D 2581/3451</a> | ....  | Microwave reactive fibres i.e. microwave reactive material in the form of fibres  |
| <a href="#">B65D 2581/3452</a> | ....  | Packages having a plurality of microwave reactive layers, i.e. multiple or overlapping microwave reactive layers  |
| <a href="#">B65D 2581/3454</a> | ....  | Microwave reactive layer having a specified optical density   |
| <a href="#">B65D 2581/3455</a> | ....  | Packages having means for improving the internal circulation of air   |
| <a href="#">B65D 2581/3456</a> | ..... | Means for holding the contents at a distance from the base of the package, e.g. raised islands or protrusions ( <a href="#">B65D 2581/3459</a> takes precedence ) |
| <a href="#">B65D 2581/3458</a> | ..... | Convective heating chambers, e.g. hot air channels  |
| <a href="#">B65D 2581/3459</a> | ....  | Means for holding the package at a distance from the microwave oven floor, e.g. stands  |
| <a href="#">B65D 2581/346</a>  | ..... | integral to the package, e.g. the package is transformed into a stand   |
| <a href="#">B65D 2581/3462</a> | ..... | separate from the package, e.g. separate stands   |
| <a href="#">B65D 2581/3463</a> | ...   | Means for applying microwave reactive material to the package   |
| <a href="#">B65D 2581/3464</a> | ....  | Microwave reactive material applied by ink printing   |
| <a href="#">B65D 2581/3466</a> | ....  | Microwave reactive material applied by vacuum, sputter or vapor deposition  |
| <a href="#">B65D 2581/3467</a> | ....  | Microwave reactive layer shaped by delamination, demetallizing or   |

|                |       |  |
|----------------|-------|--|
|                |       | embossing  |
| B65D 2581/3468 | ....  | Microwave reactive material directly applied on paper substrate                                |
| B65D 2581/347  | ....  | Microwave reactive material moulded with the container, e.g. as a filler in thermoplastics     |
| B65D 2581/3471 | ...   | Microwave reactive substances present in the packaging material                                |
| B65D 2581/3472 | ....  | Aluminium or compounds thereof   |
| B65D 2581/3474 | ....  | Titanium or compounds thereof  |
| B65D 2581/3475 | ..... | Titanium nitride   |
| B65D 2581/3477 | ....  | Iron or compounds thereof  |
| B65D 2581/3478 | ..... | Stainless steel  |
| B65D 2581/3479 | ....  | Other metallic compounds, e.g. silver, gold, copper, nickel                                    |
| B65D 2581/3481 | ....  | Silicon or oxides thereof  |
| B65D 2581/3482 | ....  | Ceramic compositions, e.g. vermiculite, bentonite  |
| B65D 2581/3483 | ....  | Carbon, carbon black, or graphite  |
| B65D 2581/3485 | ....  | Other unusual non-metallic substances, e.g. ivory, wood  |
| B65D 2581/3486 | ...   | Dielectric characteristics of microwave reactive packaging                                     |
| B65D 2581/3487 | ....  | Reflection, Absorption and Transmission (RAT) properties of the microwave reactive package     |
| B65D 2581/3489 | ....  | Microwave reflector, i.e. microwave shield ( <a href="#">B65D 2581/3487</a> takes precedence ) |
| B65D 2581/349  | ..... | attached to the lid  |
| B65D 2581/3491 | ..... | attached to the side walls   |
| B65D 2581/3493 | ..... | attached to the base surface   |
| B65D 2581/3494 | ....  | Microwave susceptor ( <a href="#">B65D 2581/3487</a> takes precedence )                        |
| B65D 2581/3495 | ..... | attached to the lid  |
| B65D 2581/3497 | ..... | attached to the side walls   |
| B65D 2581/3498 | ..... | attached to the base surface   |

## **B65D 2583/00 Containers or packages with special means for dispensing contents**

|                |     |  |
|----------------|-----|--|
| B65D 2583/005  | .   | Dispensers provided with a replaceable cartridge, recharge or pouch located within the dispenser |
| B65D 2583/04   | .   | For dispensing annular, disc-shaped or spherical or like small articles or tablets               |
| B65D 2583/0404 | ..  | Indications, e. g. directions for use  |
| B65D 2583/0409 | ... | of dates or follow-numbers   |
| B65D 2583/0413 | ... | Tactile indication, e. g. Braille  |
| B65D 2583/0418 | ... | of different sizes, or kinds, in different compartments  |
| B65D 2583/0422 | ... | of variable doses of the same articles   |
| B65D 2583/0427 | ... | Illuminating means   |
| B65D 2583/0431 | ..  | Disc-like articles arranged in a pile on their flat side   |
| B65D 2583/0436 | ..  | Receiving device other than a removable closure  |
| B65D 2583/044  | ... | Receiving post   |
| B65D 2583/0445 | ..  | characterised by the shape of the container  |

|                     |       |   |
|---------------------|-------|---|
| B65D 2583/045       | ...   | Pen-like with pocket-clip   |
| B65D 2583/0454      | ...   | Flat container with slide cover, i. e. the thickness of the container is slightly more than the thickness of one article        |
| B65D 2583/0459      | ...   | Flat circular container with rotating parts   |
| B65D 2583/0463      | ...   | of special configuration, e. g. simulating an animal  |
| B65D 2583/0468      | ...   | of drawer-and-shell type  |
| B65D 2583/0472      | ..    | characterised by the dispensing action  |
| B65D 2583/0477      | ...   | the container is maintained in the same position during the dispensing of several successive articles or doses                  |
| B65D 2583/0481      | ....  | One reciprocating action, e. g. to or from  |
| B65D 2583/0486      | ..... | Linear action transformed in a rotational movement of the dispensing element  |
| B65D 2583/049       | ....  | One rotational action of a cylindrical, disc-like or sphere-like element around its own axis, e. g. step-by-step, reciprocating |
| B65D 2583/0495      | ..... | the element being alveolate   |
| B65D 2583/08        | .     | for dispensing thin flat articles in succession   |
| B65D 2583/082       | ..    | Details relating to containers for dispensing thin flat articles in succession  |
| B65D 2583/085       | ...   | Details relating to the cutting means   |
| B65D 2583/087       | ....  | with cutting edges being impregnated or coated  |
| <b>B65D 2585/00</b> |       | <b>Containers, packaging elements or packages specially adapted for particular articles or materials</b>                        |
| B65D 2585/08        | .     | for compressible or flexible rod-shaped or tubular article ( <a href="#">not used</a> )   |
| B65D 2585/085       | ..    | Shirred sausage casings   |
| B65D 2585/30        | .     | for articles particularly sensitive to damage by shock or pressure ( <a href="#">not used</a> )                                 |
| B65D 2585/36        | ..    | for biscuits or other bakery products ( <a href="#">not used</a> )  |
| B65D 2585/363       | ...   | specific products   |
| B65D 2585/366       | ....  | Pizza   |
| B65D 2585/54        | .     | for articles of special shape not otherwise provided for ( <a href="#">not used</a> )   |
| B65D 2585/545       | ..    | Contact lenses  |
| B65D 2585/56        | .     | for medicinal tablets or pills  |
| B65D 2585/64        | .     | for bulky articles  |
| B65D 2585/641       | ..    | specific articles ( <a href="#">not used</a> )  |
| B65D 2585/642       | ...   | bathroom and toilet devices   |
| B65D 2585/643       | ....  | toilet cisterns, seats, etc   |
| B65D 2585/644       | ....  | bathtubs  |
| B65D 2585/645       | ...   | kitchen sinks   |
| B65D 2585/646       | ...   | pianos or organs  |
| B65D 2585/647       | ...   | furniture   |
| B65D 2585/648       | ....  | chairs and armchairs  |

|                |       |  |
|----------------|-------|--|
| B65D 2585/649  | ...   | other bulky articles   |
| B65D 2585/68   | .     | for machines, engines, or vehicles in assembled or dismantled form   |
| B65D 2585/6802 | ..    | specific machines, engines or vehicles ( <a href="#">not used</a> )  |
| B65D 2585/6805 | ...   | air treatment devices  |
| B65D 2585/6807 | ....  | fans   |
| B65D 2585/681  | ....  | heaters  |
| B65D 2585/6812 | ....  | coolers or air conditioners  |
| B65D 2585/6815 | ...   | kitchen devices, including unspecified devices, e.g. Haushaltgeräte  |
| B65D 2585/6817 | ....  | refrigerators  |
| B65D 2585/682  | ....  | cookers or dryers  |
| B65D 2585/6822 | ....  | juicers  |
| B65D 2585/6825 | ....  | gas tables   |
| B65D 2585/6827 | ....  | toasters   |
| B65D 2585/683  | ....  | rice cookers   |
| B65D 2585/6832 | ....  | rice cake machines   |
| B65D 2585/6835 | ...   | audio-visual devices   |
| B65D 2585/6837 | ....  | tv or computers  |
| B65D 2585/684  | ....  | stereo hi-fi sets or speakers  |
| B65D 2585/6842 | ....  | radios, walkmans   |
| B65D 2585/6845 | ...   | other household devices; <a href="#">B65D 2585/6815</a> and <a href="#">B65D 2585/6835</a> take precedence |
| B65D 2585/6847 | ....  | vacuum cleaners  |
| B65D 2585/685  | ....  | irons  |
| B65D 2585/6852 | ....  | sewing machines  |
| B65D 2585/6855 | ....  | washing machine  |
| B65D 2585/6857 | ....  | domestic water storage heaters   |
| B65D 2585/686  | ...   | vehicles   |
| B65D 2585/6862 | ....  | bicycles   |
| B65D 2585/6865 | ....  | motor cycles   |
| B65D 2585/6867 | ....  | automobiles  |
| B65D 2585/687  | ....  | aircrafts  |
| B65D 2585/6872 | ....  | tractors   |
| B65D 2585/6875 | ...   | engines, motors, machines and vehicle parts  |
| B65D 2585/6877 | ....  | engines or motors  |
| B65D 2585/688  | ....  | agricultural or horticultural machines   |
| B65D 2585/6882 | ....  | vehicle parts  |
| B65D 2585/6885 | ..... | wiper blades   |
| B65D 2585/6887 | ..... | body parts, e.g. doors, body panels  |
| B65D 2585/689  | ...   | office or shop equipment   |
| B65D 2585/6892 | ....  | photocopiers   |
| B65D 2585/6895 | ....  | typewriters  |
| B65D 2585/6897 | ...   | others   |



- B65D 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 [L65D 585/42](#) )
- B65D 2585/88 . . . Batteries
- B65D 2588/00 Large container ( not used )**
- B65D 2588/02 . rigid ( not used )
- B65D 2588/12 . . specially adapted for transport ( not used )
- B65D 2588/125 . . . Intermediate bulk container (IBC)
- B65D 2588/16 . flexible ( not used )
- B65D 2588/162 . . Flexible intermediate bulk containers (FIBC) ( not used )
- B65D 2588/165 . . . FIBC on a pallet base
- B65D 2588/167 . . . FIBC in multiple arrangement
- B65D 2588/54 . characterised by means facilitating filling or emptying ( not used )
- B65D 2588/545 . . Dip tubes
- B65D 2588/64 . . preventing bridge formation ( not used )
- B65D 2588/645 . . . through walls being deformable
- B65D 2588/74 . having means for heating, cooling, aerating or other conditioning of contents ( not used )
- B65D 2588/743 . . blowing or injecting heating, cooling or other conditioning fluid inside the container ( not used )
- B65D 2588/746 . . . with additional treatment function
- B65D 2590/00 Component parts, details or accessories for large containers ( not used )**
- B65D 2590/0008 . Coupling device between containers ( not used )
- B65D 2590/0016 . . Lashings means
- B65D 2590/0025 . . Twist lock ( not used )
- B65D 2590/0033 . . . Semi or fully automatic twist lock, i.e. semi or fully automatic locking/unlocking
- B65D 2590/0041 . Contents retaining means
- B65D 2590/005 . . adaptable to the size of the transport goods
- B65D 2590/0058 . . for cylindrical transport goods
- B65D 2590/0066 . . Containers inside the container
- B65D 2590/0075 . Repairing or refitting kit
- B65D 2590/0083 . Computer or electronic system, e.g. GPS systems
- B65D 2590/0091 . Ladders
- B65D 2590/02 . Wall construction ( not used )

|               |      |   |
|---------------|------|---|
| B65D 2590/023 | ..   | Special coating or treatment of the internal surface  |
| B65D 2590/026 | ..   | Special coating or treatment of the external surface  |
| B65D 2590/04  | ..   | Linings ( not used )  |
| B65D 2590/043 | ...  | Flexible liners ( not used )  |
| B65D 2590/046 | .... | Bladders  |
| B65D 2590/22  | .    | Safety features ( not used )  |
| B65D 2590/24  | ..   | Spillage-retaining means ( not used )   |
| B65D 2590/245 | ...  | using self-sealing means  |
| B65D 2590/54  | .    | Gates or closures ( not used )  |
| B65D 2590/542 | ..   | special sealing means or means for improving sealing  |
| B65D 2590/545 | ..   | flexible gates  |
| B65D 2590/547 | ..   | in multiple arrangement   |
| B65D 2590/66  | ..   | Operating devices therefor ( not used )   |
| B65D 2590/662 | ...  | allowing a particular motion, e.g. combination of rotational and linear                             |
| B65D 2590/664 | ...  | actuating mechanism other than manual, e.g. pneumatic, electropneumatic, hydraulic, electromagnetic |
| B65D 2590/666 | ...  | Locking devices, e.g. for maintaining an open or position   |
| B65D 2590/668 | ...  | Controlling devices   |