

ECLA EUROPEAN CLASSIFICATION

B65C LABELLING OR TAGGING MACHINES, APPARATUS, OR PROCESSES (nailing or stapling in general B25C, B27F; applying labels for packaging purposes B65B; labels, name-plates G09F) [N: (series-printing machines B41L; containers for the storage or transport of packages B65D)]

Note

In this subclass, the following term is used with the meaning indicated:
- "labels" covers also decalcomanias, stamps or the like

B65C1/00 Labelling flat essentially-rigid surfaces (labelling of fabrics [B65C5/00](#))

- B65C1/02 . Affixing labels to one flat surface of articles, e.g. of packages, of flat bands
- B65C1/02B . . [N: the label being applied by movement of the labelling head towards the article ([B65C1/02F](#) takes precedence)]
- B65C1/02B2 . . . [N: and being supplied from a stack ([removing labels from stacks B65C9/12](#))]
- B65C1/02D . . [N: the label being picked up by the article to be labelled, i.e. the labelling head remaining stationary]
- B65C1/02D2 . . . [N: and the article being moved out of its normal conveyance path towards the labelling head ([B65C1/02F](#) takes precedence)]
- B65C1/02F . . [N: the labelling head and the article both being moved towards each other]
- B65C1/04 . Affixing labels, e.g. wrap-around labels, to two or more flat surfaces of a polyhedral article
- B65C1/04B . . [N: using two or more applicators, e.g. cooperating rollers or brushes]
- B65C1/04B2 . . . [N: acting one after the other]
- B65C1/04C . . [N: by rotating the article about one of its axes]

B65C3/00 Labelling other than flat surfaces (of fabrics [B65C5/00](#))

- B65C3/02 . Affixing labels to elongated objects, e.g. wires, cables, bars, tubes
- B65C3/04 . . Applying bands or labels to cigars or cigarettes [N: ([bands for cigars or cigarettes A24D1/16](#))]
- B65C3/06 . Affixing labels to short rigid containers
- B65C3/06B . . [N: by placing tubular labels around the container ([applying preformed tubular sheathings of plastics in general B29C63/18](#); [applying protective covers to closures B67B5/03](#))]
- B65C3/08 . . to container bodies [N: ([B65C3/06B](#) takes precedence)]
- B65C3/10 . . . the container being positioned for labelling with its centre-line horizontal
- B65C3/10B [N: the machine being hand- or foot driven]
- B65C3/12 by rolling the labels onto cylindrical containers, e.g. bottles
- B65C3/14 . . . the container being positioned for labelling with its centre-line vertical
- B65C3/14B [N: the machine being hand- or foot driven]

- B65C3/16 by rolling the labels onto cylindrical containers, e.g. bottles
- B65C3/16B [N: where the label is of the wrap-around type] [N0307]
- B65C3/16B2 [N: the label being shrunken after application] [N0404]
- B65C3/18 . . to container necks [N: ([B65C3/06B](#) takes precedence)]
- B65C3/20 . . to bottle closures ([applying closures or capsules to bottles](#) [B67B](#))
- B65C3/22 . . . Affixing metal foil coverings
- B65C3/24 . . . Affixing labels indicating original state of bottle snap or screw closure

- B65C3/26 . Affixing labels to non-rigid containers, e.g. bottles made of polyethylene, boxes to be inflated by internal air pressure prior to labelling

- B65C5/00** **Labelling fabrics or comparable materials or articles with deformable surface, e.g. paper, fabric rolls, stockings, shoes** ([affixing labels to non-rigid containers](#) [B65C3/26](#); [by sewing](#) [D05B](#)) [N: ([applying marks during shoe manufacture](#) [A43D95/14](#); [marking textile materials by attaching tags](#) [D06H1/04](#))]

- B65C5/02 . using adhesives
- B65C5/04 . . thermo-activatable adhesives

- B65C5/06 . using staples [N: ([man-operated portable stapling tools](#) [B25C5/00](#); [permanently attaching together sheets](#) [B42B4/00](#))]

- B65C7/00** **Affixing tags** ([in combination with filling of tea bags](#) [B65B29/04](#)) [N: ([multi-step processes for making labels or tags](#) [B31D1/02](#))]

- B65C7/00B . [N: using pins having at least one sharp pointed end]

- B65C7/00C . [N: using paddle-shaped plastic pins ([using plastic pins for affixing buttons to garments](#) [A41H37/00C4](#))] [C9712]
- B65C7/00C2 . . [N: Portable tools]
- B65C7/00C2B . . . [N: electrically actuated]
- B65C7/00C2C . . . [N: fluid-actuated]

- B65C9/00** **Details of labelling machines or apparatus** [N: ([attaching articles to carriers](#) [B65B15/00](#); [cards of samples](#) [G09F5/04](#))]

- B65C9/00B . [N: Removing backing sheets]

- B65C9/00C . [N: Preparing the labels or articles, e.g. smoothing, removing air bubbles]

- B65C9/00D . [N: Interchangeable modules, e.g. applicator heads with label magazines and glue rollers] [N0104]

- B65C9/00F . [N: Cutting tubular labels from a web] [N0404]

- B65C9/02 . Devices for moving articles, e.g. containers, past labelling station
- B65C9/04 . . having means for rotating the articles
- B65C9/04B . . . [N: adapted for accomodating articles of different diameters, e.g. for adapting

the program of rotation to the diameter of the articles]

- B65C9/06 . Devices for presenting articles in predetermined attitude or position at labelling station
- B65C9/06B . . [N: for orienting bottles having swing stoppers, i.e. by means responsive to the position of the swing stoppers]
- B65C9/06C . . [N: for orienting articles having irregularities in their shape, the irregularities being detected by mechanical means]
- B65C9/06E . . [N: for orienting articles having irregularities, e.g. holes, spots or markings, e.g. labels or imprints, the irregularities or markings being detected]

- B65C9/08 . Label feeding
- B65C9/10 . . Label magazines [C9611]
- B65C9/10B . . . [N: Storage arrangements including a plurality of magazines] [N0205]
- B65C9/12 . . Removing separate labels from stacks (for printing B41F; separating articles from piles in general B65H) ([N: multi-step processes for making labels or tags B31D1/02]; for printing B41F) [C9611]
- B65C9/14 . . . by vacuum
- B65C9/16 . . . by wetting devices
- B65C9/18 . . Label feeding from strips, e.g. from rolls
- B65C9/18A . . . [N: the labels being cut from a strip]
- B65C9/18A2 [N: and transferred directly from the cutting means to an article]
- B65C9/18A2B [N: the transfer involving heating means]
- B65C9/18A4 [N: and transferred by suction means]
- B65C9/18A4B [N: the suction means being a vacuum drum]
- B65C9/18A4B2 [N: the transfer involving heating means, e.g. heat activated glue-coating of the label] [N0207]
- B65C9/18A4C [N: the suction means being a movable vacuum arm or pad]
- B65C9/18A6 [N: and transferred by gripping means or feeding rollers]
- B65C9/18B [N: the labels adhering on a backing strip]
- B65C9/18B2 [N: and being transferred directly from the backing strip onto the article]
- B65C9/18B2B [N: the transfer involving heating means, e.g. for decals]
- B65C9/18B4 [N: and being transferred by suction means]
- B65C9/18B4B [N: the suction means being a vacuum drum]
- B65C9/18B4C [N: the suction means being a movable vacuum arm or pad]
- B65C9/18C [N: Spools or cassettes for strips (in general B65H75/00)]
- B65C9/18D [N: the labels being torn or burst from a strip] [N0710]

- B65C9/20 . Gluing the labels or articles
- B65C9/22 . . by wetting, e.g. by applying liquid glue or a liquid to a dry glue coating
- B65C9/22B . . . [N: using spraying means] [N9812]
- B65C9/22B2 [N: Applying the liquid on the article] [N9905]
- B65C9/22B4 [N: Applying the liquid on the label] [N9905]
- B65C9/22B4B [N: discretely, i.e. several points or strips or interrupted films] [N9905]
- B65C9/22B4D [N: continuously, i.e. an uninterrupted film] [N9905]
- B65C9/22D [N: using manipulator arms] [N9905]

- B65C9/22D2 [N: Applying the liquid on the article] [N9905]
- B65C9/22D4 [N: Applying the liquid on the label] [N9905]
- B65C9/22D4B [N: discretely, i.e. several points or strips or interrupted films] [N9905]
- B65C9/22D4D [N: continuously, i.e. an uninterrupted film] [N9905]
- B65C9/22F [N: using liquid rollers or bands] [N9905]
- B65C9/22F2 [N: Applying the liquid on the article] [N9905]
- B65C9/22F4 [N: Applying the liquid on the label] [N9905]
- B65C9/22F4B [N: discretely, i.e. several points or strips or interrupted films] [N9905]
[C9909]
- B65C9/22F4D [N: continuously, i.e. an uninterrupted film] [N9905]
- B65C9/22F6 [N: Means for controlling the liquid film on the rollers] [N9905]
- B65C9/22H [N: using wipers, pallets or segments ([B65C9/22D](#) takes precedence)] [N9905]
- B65C9/22H2 [N: Applying the liquid on the article] [N9905]
- B65C9/22H4 [N: Applying the liquid on the label] [N9905]
- B65C9/22H4B [N: discretely, i.e. several points or strips or interrupted films] [N9905]
- B65C9/22H4D [N: continuously, i.e. an uninterrupted film] [N9905]
- B65C9/24 . . . by heat
- B65C9/25 . . . by thermo-activating the glue

- B65C9/26 . . . Devices for applying labels
- B65C9/26B . . . [N: manually operable] [N9805]
- B65C9/26B2 [N: specially adapted for compact discs] [N9805]
- B65C9/28 . . . Air-blast devices
- B65C9/30 . . . Rollers
- B65C9/32 Cooperating rollers between which articles and labels are fed
- B65C9/34 . . . Flexible bands
- B65C9/36 . . . Wipers; Pressers

- B65C9/38 . . . Label cooling or drying

- B65C9/40 . . . Controls; Safety devices
- B65C9/42 . . . Label feed control
- B65C9/44 by special means responsive to marks on labels or articles ([feed control in wrapping B65B](#))

- B65C9/46 . . . Applying date marks, code marks, or the like, to the label during labelling
(manually-controlled or operable apparatus having printing equipment [B65C11/02](#);
ticket printing and issuing [G07B1/00](#)) [N: ([apparatus for ticket validating or cancelling G07B11/00](#))]

- B65C11/00** . . . **Manually-controlled or manually-operable label dispensers, e.g. modified for the application of labels to articles** (special furniture, fittings, or accessories for shops, storehouses, bars, or the like [A47E](#); for paper napkins, for toilet paper [A47K](#); for playing cards [A63F](#); movable-strip writing or reading apparatus [B42D19/00](#); adhesive tape dispensers [B65H35/07](#); dispensers for tickets [G07B](#); coin-operated dispensers for stamps [G07F](#)) [N: ([dispensing devices for pamphlets from vehicles G09F21/22](#))]

- B65C11/00B . [N: modified for the application of labels to articles]
- B65C11/00B2 . . [N: label feeding from strips]
- B65C11/00C . [N: using electrical or electro-mechanical means ([B65C11/02C](#) and [B65C11/06C](#) take precedence)]
- B65C11/00D . [N: using pneumatic means ([B65C11/02D](#) and [B65C11/06D](#) take precedence)]
- B65C11/02 . having printing equipment
- B65C11/02B . . [N: modified for the application of labels to articles]
- B65C11/02B2 . . . [N: label feeding from strips]
- B65C11/02B2B [N: Labels being adhered to a web] [N0101]
- B65C11/02B2B2 [N: Advancing the web by friction] [N0101]
- B65C11/02B2B2B [N: electrically driven] [N0101]
- B65C11/02B2B2D [N: by actuating a handle manually] [N0101]
- B65C11/02B2B4 [N: Advancing the web by a cog wheel] [N0101]
- B65C11/02B2B4B [N: electrically driven] [N0101]
- B65C11/02B2B4D [N: by actuating a handle manually] [N0101]
- B65C11/02B2B6 [N: Advancing the web by grippers] [N0101]
- B65C11/02B2B6B [N: electrically driven] [N0101]
- B65C11/02B2B6D [N: by actuating a handle manually] [N0101]
- B65C11/02B2B8 [N: Advancing the web by winding it up] [N0101]
- B65C11/02B2B8B [N: electrically driven] [N0101]
- B65C11/02B2B8D [N: by actuating a handle manually] [N0101]
- B65C11/02B2D [N: Linerless labels] [N0101]
- B65C11/02C . . [N: using electrical or electro-mechanical means ([B65C11/02B](#) takes precedence)] [C0101]
- B65C11/02D . . [N: using pneumatic means]
- B65C11/04 . having means for moistening the labels
- B65C11/04B . . [N: modified for the application of labels to articles]
- B65C11/04B2 . . . [N: label feeding from strips]
- B65C11/06 . having means for heating thermo-activatable labels
- B65C11/06B . . [N: modified for the application of labels to articles]
- B65C11/06B2 . . . [N: label feeding from strips]
- B65C11/06C . . [N: using electrical or electro-mechanical means]
- B65C11/06D . . [N: using pneumatic means]