

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 519

DATE: AUGUST 1, 2018

PROJECT RP0440

**The following classification changes will be effected by this Notice of Changes:**

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
<b>SCHEME:</b>		
Symbols Deleted:	B60J	2007/1208
	B60J	2007/1213
	B60J	2007/1217
	B60J	2007/1221
Titles Changed:	A42C	1/02
	A42C	5/00
	A44C	subclass
	A44C	3/00
	A44C	27/00
	B01J	3/06
	B01J	3/08
	B27G	subclass
	B27G	5/00
	B27G	11/00
	B27G	17/02
	B27G	19/00
	B27G	19/08
	B41F	subclass
	B41F	1/06
	B41F	1/28
	B41F	3/54
	B41F	3/84
	B41F	7/37
	B41F	13/02
	B41F	13/54
	B41F	15/00
	B41F	15/44
	B41F	16/00
	B41F	17/00
	B41F	19/00
	B41F	19/02
	B41F	21/00
	B41F	23/00
	B41F	25/00
	B41F	30/00
	B41F	31/00
	B41F	31/02
	B41F	33/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B41F	33/02
	B41J	3/01
	B60K	subclass
	B65B	subclass
	B65B	1/00
	B65B	1/02
	B65B	1/28
	B65B	1/32
	B65B	1/36
	B65B	1/46
	B65B	3/00
	B65B	3/28
	B65B	3/30
	B65B	5/02
	B65B	7/00
	B65B	7/16
	B65B	9/10
	B65B	9/12
	B65B	11/00
	B65B	11/004
	B65B	11/02
	B65B	11/04
	B65B	11/56
	B65B	13/00
	B65B	13/02
	B65B	13/182
	B65B	15/02
	B65B	15/04
	B65B	19/00
	B65B	19/02
	B65B	19/228
	B65B	19/28
	B65B	21/12
	B65B	21/18
	B65B	21/26
	B65B	23/08
	B65B	23/12
	B65B	23/20
	B65B	25/04
	B65B	25/18
	B65B	27/00
	B65B	27/12
	B65B	31/00
	B65B	31/04
	B65B	33/00
	B65B	35/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B65B	35/10
	B65B	35/30
	B65B	37/18
	B65B	37/20
	B65B	39/00
	B65B	41/00
	B65B	43/14
	B65B	43/262
	B65B	45/00
	B65B	51/02
	B65B	51/06
	B65B	51/30
	B65B	55/00
	B65B	57/00
	B65B	59/02
	B65B	61/00
	B65B	61/20
	B65B	63/00
	B65B	63/02
	B65B	63/04
	B67C	3/00
	E21F	11/00
Warnings New:	B65B	33/00
	B65B	11/52
Notes Deleted:	A01N	3/04
	A23L	3/34635
	A24B	15/283
Notes New:	A23L	3/00
	A24B	15/00
	B27K	3/00
	B60J	11/00
Notes Modified:	A23J	3/00
	A61L	15/00
	A61L	17/00
	A61L	24/00
	A61L	27/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	A61L	29/00
	A61L	31/00
	A61L	33/00
	A63B	49/00
	B27K	3/15
	B62M	6/00
	B62M	9/00
	C02F	9/00
	C03C	1/00-14/00 (guidance heading)
	F23B	subclass
	F24F	1/06
Guidance Headings Modified:	A01N	25/00-65/00
<b>DEFINITIONS:</b>		
Definitions New:	B41F	33/02
	B65B	1/22
	B65B	1/28
	B65B	1/38
	B65B	1/46
	B65B	3/32
	B65B	5/108
	B65B	7/2821
	B65B	7/2842
	B65B	9/10
	B65B	11/02
	B65B	11/04
	B65B	11/56
	B65B	13/02
	B65B	13/025
	B65B	13/182
	B65B	13/22
	B65B	13/345
	B65B	15/02
	B65B	15/04
	B65B	19/02
	B65B	19/105
	B65B	19/228
	B65B	19/28

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B65B	19/30
	B65B	21/02
	B65B	21/26
	B65B	23/08
	B65B	25/041
	B65B	25/08
	B65B	29/10
	B65B	35/10
	B65B	35/30
	B65B	39/007
	B65B	43/14
	B65B	43/262
	B65B	45/00
	B65B	51/06
	B65B	2051/105
	B65B	55/10
	B65B	55/18
	B65B	55/19
	B65B	57/10
	B65B	59/02
	B65B	61/065
	B65B	63/02
	B65B	63/04
	B65B	65/006
	B65B	65/02
	B65B	2067/1283
	B65B	69/0025
	B65B	2210/02
	B65B	2220/14
	B65B	2230/02
	G03B	3/10
	G03B	13/32
	G03B	13/36
Definitions Modified:	A44C	27/00
	B01J	2/02
	B27G	subclass
	B27G	5/00
	B27G	11/00
	B41F	subclass
	B41F	15/00
	B41F	16/00
	B41F	17/00
	B41F	19/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	B41F	21/00
	B41F	23/00
	B41F	25/00
	B41F	30/00
	B41F	31/00
	B41F	33/00
	B65B	subclass
	B65B	1/00
	B65B	1/02
	B65B	1/32
	B65B	1/36
	B65B	3/00
	B65B	3/003
	B65B	3/02
	B65B	3/28
	B65B	3/30
	B65B	5/00
	B65B	5/02
	B65B	5/024
	B65B	5/10
	B65B	5/103
	B65B	7/00
	B65B	7/16
	B65B	7/161
	B65B	7/285
	B65B	7/2864
	B65B	9/00
	B65B	11/00
	B65B	11/004
	B65B	13/00
	B65B	13/027
	B65B	13/285
	B65B	19/00
	B65B	19/20
	B65B	19/34
	B65B	21/00
	B65B	21/02
	B65B	21/12
	B65B	21/18
	B65B	21/24
	B65B	21/245
	B65B	23/00
	B65B	23/12
	B65B	23/20
	B65B	25/00
	B65B	25/001
	B65B	25/04

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	B65B	25/046
	B65B	25/148
	B65B	25/18
	B65B	27/00
	B65B	27/08
	B65B	27/12
	B65B	31/00
	B65B	31/003
	B65B	31/02
	B65B	31/028
	B65B	31/04
	B65B	31/10
	B65B	33/00
	B65B	35/00
	B65B	35/08
	B65B	35/54
	B65B	37/18
	B65B	37/20
	B65B	39/00
	B65B	41/00
	B65B	41/18
	B65B	51/02
	B65B	51/10
	B65B	51/30
	B65B	55/00
	B65B	55/027
	B65B	55/04
	B65B	55/24
	B65B	57/00
	B65B	61/00
	B65B	61/005
	B65B	61/06
	B65B	61/186
	B65B	61/188
	B65B	61/20
	B65B	61/26
	B65B	63/00
	B65B	65/08
	B65B	67/12
	B65B	67/1266
	B65B	69/00
	B65B	69/0033
	B65B	69/005
	B65B	69/0058
	B65B	69/0066
	B65B	69/0075
	B67C	3/00

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<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
	E21F	subclass
	G03B	3/00
	G03B	13/00

**No other subclasses/groups are impacted by this Notice of Changes.**

**This Notice of Changes includes the following** *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

- A. New, Modified or Deleted Group(s)
- B. New, Modified or Deleted Warning(s)
- C. New, Modified or Deleted Note(s)
- D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- A. New or Modified Definitions (Full definition template)
- B. Modified or Deleted Definitions (Definitions Quick Fix)

- 3.  REVISION CONCORDANCE LIST (RCL)
- 4.  CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
- 5.  CHANGES TO THE CROSS-REFERENCE LIST (CRL)



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## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**SUBCLASS A42C - MANUFACTURING OR TRIMMING HATS OR OTHER HEAD COVERINGS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	A42C 1/02	1	Making hat-bats; Bat-forming machines; Conical bat machines; Bat-forming tools	
M	A42C 5/00	0	Fittings or trimmings for hats, e.g. hat-bands	

**SUBCLASS A44C - JEWELLERY; BRACELETS; OTHER PERSONAL ADORNMENTS; COINS (jewel boxes A45C 11/16)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	A44C	subclass	JEWELLERY; BRACELETS; OTHER PERSONAL ADORNMENTS; COINS	
M	A44C 3/00	0	Medals; Badges	
M	A44C 27/00	0	Making jewellery or other personal adornments	

**SUBCLASS B01J - CHEMICAL OR PHYSICAL PROCESSES, e.g. CATALYSIS, COLLOID CHEMISTRY; THEIR RELEVANT APPARATUS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B01J 3/06	1	Processes using ultra-high pressure, e.g. for the formation of diamonds; Apparatus therefor, e.g. moulds or dies (B01J 3/04 takes precedence)	

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M	B01J 3/08	2	Application of shock waves for chemical reactions or for modifying the crystal structure of substances	

**SUBCLASS B27G ACCESSORY MACHINES OR APPARATUS; TOOLS; SAFETY DEVICES, e.g. THOSE FOR SAWS (clamping devices for mitre joints, presses for producing frames, press frames, or cages equipped with clamping devices B25B; woodworkers' benches B25H)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B27G	subclass	ACCESSORY MACHINES OR APPARATUS FOR WORKING WOOD OR SIMILAR MATERIALS; TOOLS FOR WORKING WOOD OR SIMILAR MATERIALS (tools for grinding B24D; sawing tools B27B 33/00; tools for slotting or mortising machines B27F 5/02; tools for the manufacture of wood shavings, chips, powder or the like B27L 11/00); SAFETY DEVICES FOR WOOD WORKING MACHINES OR TOOLS	
M	B27G 5/00	0	Machines or devices for working mitre joints with even abutting ends	
M	B27G 11/00	0	Applying adhesives or glue to surfaces of wood to be joined	
M	B27G 17/02	1	Hand planes	
M	B27G 19/00	0	Safety guards or devices specially adapted for wood saws; Auxiliary devices facilitating proper operation of wood saws	
M	B27G 19/08	1	Accessories for keeping open the saw kerf, e.g. riving knives or wedge plates	

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**SUBCLASS B41F - PRINTING MACHINES OR PRESSES**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots</u> <u>(e.g. 0, 1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B41F	subclass	PRINTING MACHINES OR PRESSES (manifolding devices or office printing machines B41L)	
M	B41F 1/06	2	with platen maintained parallel to bed during movement	
M	B41F 1/28	2	Sheet-conveying, -aligning or -clamping devices	
M	B41F 3/54	2	Impression cylinders; Supports therefor	
M	B41F 3/84	2	Arrangements of counting devices	
M	B41F 7/37	3	with supercooling for condensation of air moisture	
M	B41F 13/02	1	Conveying or guiding webs through presses or machines	
M	B41F 13/54	1	Auxiliary folding, cutting, collecting or depositing of sheets or webs	
M	B41F 15/00	0	Screen printers	
M	B41F 15/44	2	Squeegees or doctors	
M	B41F 16/00	0	Transfer printing apparatus	
M	B41F 17/00	0	Printing apparatus or machines of special types or for particular purposes, not otherwise provided for	
M	B41F 19/00	0	Apparatus or machines for carrying out printing operations combined with other operations	
M	B41F 19/02	1	with embossing	
M	B41F 21/00	0	Devices for conveying sheets through printing apparatus or machines (through platen presses B41F 1/28)	
M	B41F 23/00	0	Devices for treating the surfaces of sheets, webs, or other articles in connection with printing	
M	B41F 25/00	0	Devices for pressing sheets or webs against cylinders, e.g. for smoothing purposes	
M	B41F 30/00	0	Devices for attaching coverings or make-ready devices; Guiding devices for coverings (make-ready devices B41N 6/00)	
M	B41F 31/00	0	Inking arrangements or devices (inking units for platen presses B41F 1/40; inking units for cylinder presses B41F 3/81)	
M	B41F 31/02	1	Ducts, containers, supply or metering devices	

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M	B41F 33/00	0	Indicating, counting, warning, control or safety devices (arrangements of counting devices in platen presses B41F 1/00 {, B41F 1/58; arrangements of counting devices} in cylinder presses B41F 3/84; ink supply or metering devices B41F 31/02)	
M	B41F 33/02	1	Arrangements of indicating devices, e.g. counters	

**SUBCLASS B41J - TYPEWRITERS; SELECTIVE PRINTING MECHANISMS, {e.g. INK-JET PRINTERS, THERMAL PRINTERS}, i.e. MECHANISMS PRINTING OTHERWISE THAN FROM A FORME; CORRECTION OF TYPOGRAPHICAL ERRORS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B41J 3/01	1	for special character, e.g. for Chinese characters or barcodes	

**SUBCLASS B60J - WINDOWS, WINDSCREENS, NON-FIXED ROOFS, DOORS, OR SIMILAR DEVICES FOR VEHICLES; REMOVABLE EXTERNAL PROTECTIVE COVERINGS SPECIALLY ADAPTED FOR VEHICLES (fastening, suspending, closing, or opening of such devices E05)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
D	B60J 2007/1208	4	{Control devices}	<Administrative transfer to B60J 7/1204>
D	B60J 2007/1213	4	{Fastening devices}	<Administrative transfer to B60J 7/1204>
D	B60J 2007/1217	4	{Pretensioning devices closing the roof aperture when released}	<Administrative transfer to B60J 7/1204>
D	B60J 2007/1221	4	{construction details of the arches}	<Administrative transfer to B60J 7/1204>

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**SUBCLASS B60K - ARRANGEMENT OR MOUNTING OF PROPULSION UNITS OR OF TRANSMISSIONS IN VEHICLES**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B60K	subclass	ARRANGEMENT OR MOUNTING OF PROPULSION UNITS OR OF TRANSMISSIONS IN VEHICLES; ARRANGEMENT OR MOUNTING OF PLURAL DIVERSE PRIME-MOVERS IN VEHICLES; AUXILIARY DRIVES FOR VEHICLES; INSTRUMENTATION OR DASHBOARDS FOR VEHICLES; ARRANGEMENTS IN CONNECTION WITH COOLING, AIR INTAKE, GAS EXHAUST OR FUEL SUPPLY OF PROPULSION UNITS IN VEHICLES	

**SUBCLASS B65B - MACHINES, APPARATUS OR DEVICES FOR, OR METHODS OF, PACKAGING ARTICLES OR MATERIALS; UNPACKING**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B65B	subclass	MACHINES, APPARATUS OR DEVICES FOR, OR METHODS OF, PACKAGING ARTICLES OR MATERIALS; UNPACKING (bundling and pressing devices for cigars A24C 1/44; devices for tensioning and securing binders adapted to be supported by the article or articles to be bound B25B 25/00; applying closure members to bottles, jars or similar containers B67B 1/00-B67B 6/00; concurrent cleaning, filling and closing of bottles B67C 7/00; emptying bottles, jars, cans, casks, barrels or similar containers B67C 9/00)	

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M	B65B 1/00	0	Packaging fluent solid material, e.g. powders, granular or loose fibrous material, loose masses of small articles, in individual containers or receptacles, e.g. bags, sacks, boxes, cartons, cans, or jars	
M	B65B 1/02	1	Machines characterised by the incorporation of means for making the containers or receptacles (from flat, folded, or tubular webs of flexible sheet material B65B 9/00; making containers or receptacles of interest apart from this application, see the appropriate subclasses)	
M	B65B 1/28	1	Controlling escape of air or dust from containers or receptacles during filling	
M	B65B 1/32	2	by weighing (check-weighing of filled containers or receptacles B65B 1/46)	
M	B65B 1/36	2	by volumetric devices or methods (checking volume of filled material B65B 1/48)	
M	B65B 1/46	2	Check-weighing of filled containers or receptacles	
M	B65B 3/00	0	Packaging plastic material, semiliquids, liquids or mixed solids and liquids, in individual containers or receptacles, e.g. bags, sacks, boxes, cartons, cans, or jars	
M	B65B 3/28	2	by weighing	
M	B65B 3/30	2	by volumetric measurement	
M	B65B 5/02	1	Machines characterised by incorporation of means for making the containers or receptacles (making containers or receptacles of interest apart from this application, see the appropriate subclasses )	
M	B65B 7/00	0	Closing containers or receptacles after filling	
M	B65B 7/16	1	Closing semi-rigid or rigid containers or receptacles not deformed by, or not taking-up shape of, contents, e.g. boxes or cartons	
M	B65B 9/10	1	Enclosing successive articles , or quantities of material, in preformed tubular webs, or in webs formed into tubes around filling nozzles, e.g. extruded tubular webs	
M	B65B 9/12	2	Subdividing filled tubes to form two or more packages by sealing or securing involving displacement of contents	

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M	B65B 11/00	0	Wrapping, e.g. partially or wholly enclosing, articles or quantities of material, in strips, sheets or blanks, of flexible material (bundling articles by applying narrow strips or bands of flexible material B65B 13/00)	
M	B65B 11/004	1	{in blanks, e.g. sheets precut and creased for folding }	
M	B65B 11/02	1	Wrapping articles or quantities of material, without changing their position during the wrapping operation, e.g. in moulds with hinged folders (by doubling a wrapper and securing its opposed free margins to enclose contents B65B 11/48 ;by disposing contents between two sheets and securing their opposed free margins B65B 11/50)	
M	B65B 11/04	1	the articles being rotated	
M	B65B 11/56	1	Rolling articles with wrappers along a supporting surface	
M	B65B 13/00	0	Bundling articles	
M	B65B 13/02	1	Applying and securing binding material around articles or groups of articles, e.g. using strings, wires, strips, bands or tapes	
M	B65B 13/182	2	{Affixing labels during bundling }	
M	B65B 15/02	1	Attaching small articles, e.g. buttons, to cards	
M	B65B 15/04	1	Attaching a series of articles, e.g. small electrical components, to a continuous web {(ammunition filling F42B)}	
M	B65B 19/00	0	Packaging rod-shaped or tubular articles susceptible to damage by abrasion or pressure, e.g. cigarettes, cigars, macaroni, spaghetti, drinking straws or welding electrodes	
M	B65B 19/02	1	Packaging cigarettes	
M	B65B 19/228	3	{Preparing and feeding blanks }	
M	B65B 19/28	1	Control devices for cigarette or cigar packaging machines	
M	B65B 21/12	3	using grippers engaging bottles, e.g. bottle necks	
M	B65B 21/18	3	using grippers engaging bottles, e.g. bottle necks	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B65B 21/26	2	Applying wrappers to individual bottles by operations involving rotation or rolling of the bottles	
M	B65B 23/08	3	using grippers	
M	B65B 23/12	2	Arranging, feeding or orientating the biscuits to be packaged	
M	B65B 23/20	1	Packaging plate glass, tiles, or shingles	
M	B65B 25/04	2	Packaging fruit or vegetables	
M	B65B 25/18	2	Wrapping sliced bread	
M	B65B 27/00	0	Bundling particular articles presenting special problems using string, wire, or narrow tape or band; Baling fibrous material, e.g. peat, not otherwise provided for	
M	B65B 27/12	1	Baling or bundling compressible fibrous material, e.g. peat	
M	B65B 31/00	0	Packaging articles or materials under special atmospheric or gaseous conditions; Adding propellants to aerosol containers	
M	B65B 31/04	1	Evacuating, pressurising or gasifying filled containers or wrappers by means of nozzles through which air or other gas, e.g. an inert gas, is withdrawn or supplied	
C	B65B 33/00	0	Packaging articles by applying removable, e.g. strippable, coatings (B65B 11/52 takes precedence)	B65B 33/00, B65B 11/52
M	B65B 35/00	0	Supplying, feeding, arranging or orientating articles to be packaged	
M	B65B 35/10	1	Feeding, e.g. conveying, single articles	
M	B65B 35/30	1	Arranging and feeding articles in groups	
M	B65B 37/18	2	by weighing {(devices or methods for controlling the quantity of material or liquid fed or filled into a container by weighing B65B 1/32, B65B 3/28)}	
M	B65B 37/20	2	by volume measurement	
M	B65B 39/00	0	Nozzles, funnels or guides for introducing articles or materials into containers or wrappers	
M	B65B 41/00	0	Supplying or feeding container-forming sheets or wrapping material	
M	B65B 43/14	2	Feeding individual bags or carton blanks from piles or magazines	
M	B65B 43/262	2	{opening of valve bags}	



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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B65B 45/00	0	Apparatus or devices for supporting or holding wrappers during wrapping operation	
M	B65B 51/02	1	Applying adhesives or sealing liquids	
M	B65B 51/06	2	Applying adhesive tape	
M	B65B 51/30	3	Devices, e.g. jaws, for applying pressure and heat, e.g. for subdividing filled tubes	
M	B65B 55/00	0	Preserving, protecting or purifying packages or package contents in association with packaging (by packaging under special atmospheric or gaseous conditions B65B31/00; devices for placing protecting sheets, plugs, or wads over contents B65B61/22)	
M	B65B 57/00	0	Automatic control, checking, warning , or safety devices (registering wrapping or container-forming material fed from rolls B65B 41/18)	
M	B65B 59/02	1	Arrangements to enable adjustments to be made while the machine is running	
M	B65B 61/00	0	Auxiliary devices, not otherwise provided for, for operating on sheets, blanks, webs, binding material, containers or packages	
M	B65B 61/20	1	for adding cards, coupons or other inserts to package contents (adding unpacking elements B65B 61/18)	
M	B65B 63/00	0	Auxiliary devices, not otherwise provided for, for operating on articles or materials to be packaged	
M	B65B 63/02	1	for compressing or compacting articles or materials prior to wrapping or insertion in containers or receptacles	
M	B65B 63/04	1	for folding or winding articles, e.g. gloves or stockings	

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**SUBCLASS B67C - CLEANING, FILLING WITH LIQUIDS OR SEMILIQUIDS, OR EMPTYING, OF BOTTLES, JARS, CANS, CASKS, BARRELS, OR SIMILAR CONTAINERS, NOT OTHERWISE PROVIDED FOR; FUNNELS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B67C 3/00	0	Bottling liquids or semiliquids; Filling jars or cans with liquids or semiliquids using bottling or like apparatus; Filling casks or barrels with liquids or semiliquids	

**SUBCLASS E21F - SAFETY DEVICES, TRANSPORT, FILLING-UP, RESCUE, VENTILATION, OR DRAINING IN OR OF MINES OR TUNNELS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title (new or modified)</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	E21F11/00	0	Rescue devices or other safety devices, e.g. safety chambers or escape ways (breathing aids for curative purposes A61H 31/00; respiratory apparatus A62B 7/00; breathing apparatus for accidentally buried persons A62B 33/00)	

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B. New, Modified or Deleted Warning notice(s)

**SUBCLASS B65B - MACHINES, APPARATUS OR DEVICES FOR, OR METHODS OF, PACKAGING ARTICLES OR MATERIALS; UNPACKING**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New Warning notice</u>
N	B65B 33/00		Group B65B 33/00 is impacted by reclassification into group B65B11/52. Group B65B33/00 and B65B11/52 should be considered in order to perform a complete search.
N	B65B 11/52		Group B65B11/52 is incomplete pending reclassification of documents from group B65B33/00. Group B65B33/00 and B65B11/52 should be considered in order to perform a complete search.

\*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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C. New, Modified or Deleted Note(s)**SUBCLASS A01N - PRESERVATION OF BODIES OF HUMANS OR ANIMALS OR PLANTS OR PARTS THEREOF; BIOCIDES**

<u>Type</u> *	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
D	A01N 3/04	For compositions containing more than one known active ingredients (e.g. synergistic mixtures) the symbol A01N 2300/00 is additionally given to the symbol of the main ingredient.	<u>Delete</u> the existing note.

**SUBCLASS A23J PROTEIN COMPOSITIONS FOR FOODSTUFFS; WORKING-UP PROTEINS FOR FOODSTUFFS; PHOSPHATIDE COMPOSITIONS FOR FOODSTUFFS**

<u>Type</u> *	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	A23J 3/00	In groups A23J 3/04 - A23J 3/20, in the absence of an indication to the contrary, a substance is classified in the last appropriate place	In groups A23J 3/04 - A23J 3/20, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, a substance is classified in the last appropriate place.

**SUBCLASS A23L FOODS, FOODSTUFFS, OR NON-ALCOHOLIC BEVERAGES, NOT COVERED BY SUBCLASSES A23B - A23J; THEIR PREPARATION OR TREATMENT, e.g. COOKING,**

<u>Type</u> *	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
D	A23L 3/34635	In groups A23L 3/3472 - A23L 3/3562, in the absence of an indication to the contrary, classification is made in the last appropriate place	
N	A23L 3/00		In groups A23L 3/3472 - A23L 3/3562, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place. {This Note corresponds to IPC Note (1) relating to A23L 3/3472 - A23L 3/3562}

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**SUBCLASS A24B MANUFACTURE OR PREPARATION OF TOBACCO FOR SMOKING OR CHEWING; TOBACCO; SNUFF**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
D	A24B 15/283	In groups A24B 15/30 - A24B 15/42, in the absence of an indication to the contrary, classification is made in the last appropriate place for a substance	
N	A24B 15/00		In groups A24B 15/30 - A24B 15/42, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place for a substance. {This Note corresponds to IPC Note (1) relating to A24B 15/30 - A24B 15/42.}

**SUBCLASS A61L METHODS OR APPARATUS FOR STERILISING MATERIALS OR OBJECTS IN GENERAL; DISINFECTION, STERILISATION, OR DEODORISATION OF AIR; CHEMICAL ASPECTS OF BANDAGES, DRESSINGS, ABSORBENT PADS, OR SURGICAL ARTICLES; MATERIALS FOR BANDAGES, DRESSINGS, ABSORBENT PADS, OR SURGICAL ARTICLES** (preservation of bodies or disinfecting characterised by the agent employed A01N; preserving, e.g. sterilising, food or foodstuffs A23; preparations for medical, dental or toilet purposes A61K; preparation of ozone C01B 13/10)

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	A61L 15/00	1. In each set of groups A61L 15/08 - A61L 15/12 and A61L 15/18 - A61L 15/40, in the absence of an indication to the contrary, classification is made in the last appropriate place.  3. When classifying in groups A61L 15/18 - A61L 15/40, classification is also made in groups A61L 15/42 - A61L 15/64 if the use of materials characterized by their function or physical properties is of interest.	1. In groups A61L 15/08 - A61L 15/12, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.  3. When classifying in groups A61L 15/18 - A61L 15/40, classification is also made in group A61L 15/42 if the use of materials characterised by their function or physical properties is of interest.
N	A61L15/00		<i>Insert as Note (3) before the current Note.</i>  3. In groups A61L 15/18 - A61L 15/40, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place. {This Note corresponds to IPC Note (1) relating to A61L 15/18 - A61L 15/40.}

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	A61L 17/00	1. In groups A61L 17/04 - A61L 17/14, in the absence of an indication to the contrary, classification is made in the last appropriate place.	1. In groups A61L 17/04 - A61L 17/145, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.
M	A61L 24/00	2. In groups A61L 24/02 - A61L 24/12, in the absence of an indication to the contrary, classification is made in the last appropriate place.	2. In groups A61L 24/00 - A61L 24/12, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.
M	A61L 27/00	1. In groups A61L 27/02 - A61L 27/48, in the absence of an indication to the contrary, classification is made in the last appropriate place  2. When classifying in groups A61L 27/02 - A61L 27/48, classification is also made in groups A61L 27/50 - A61L 27/60 if the use of materials characterised by their function or physical properties is of interest	1. In groups A61L 27/02 - A61L 27/48, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.  2. When classifying in groups A61L 27/02 - A61L 27/48, classification is also made in groups A61L 27/50 - A61L 27/60 if the use of materials characterised by their function or physical properties is of interest.
M	A61L 29/00	1. In groups A61L 29/02 - {A61L 29/126}, in the absence of an indication to the contrary, classification is made in the last appropriate place	1. In groups A61L 29/02 - {A61L 29/126}, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.
M	A61L 29/00	2. When classifying in groups A61L 29/02 - {A61L 29/126} classification is also made in groups A61L 29/14 - A61L 29/18 if the use of materials characterized by their function or physical properties is of interest.	<i>Insert a period at the end of Note 2.</i>  1. When classifying in groups A61L 29/02 - {A61L 29/126}, classification is also made in groups A61L 29/14 - A61L 29/18 if the use of materials characterized by their function or physical properties is of interest.
M	A61L 31/00	1. In groups A61L 31/02 - A61L 31/12, in the absence of an indication to the contrary, classification is made in the last appropriate place	1. In groups A61L 31/02 - {A61L 31/129}, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.

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<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	A61L 31/00	2. When classifying in groups A61L 31/02 - {A61L 31/129}, classification is also made in groups A61L 31/14 - A61L 31/18 if the use of materials characterised by their function or physical properties is of interest	<i>Insert a period at the end of Note 2.</i>  2. When classifying in groups A61L 31/02 - {A61L 31/129}, classification is also made in groups A61L 31/14 – A61L 31/18 if the use of materials characterised by their function or physical properties is of interest.
M	A61L 33/00	1. In groups A61L 33/0076 - A61L 33/0094 and A61L 33/02 - A61L 33/122, in the absence of an indication to the contrary, classification is made in the last appropriate place	1. In groups A61L 33/0076 - A61L 33/0094 and A61L 33/02 - A61L 33/122, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.

**SUBCLASS A63B APPARATUS FOR PHYSICAL TRAINING, GYMNASTICS, SWIMMING, CLIMBING, OR FENCING; BALL GAMES; TRAINING EQUIPMENT (apparatus for passive exercising, massage A61H)**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	A63B 49/00	2. When classifying in group A63B 49/00 and subgroups, subject matter related to details or accessories of golf clubs, bats, rackets or the like are further classified in group A63B 60/00.	2. When classifying in groups A63B 49/00, A63B 53/00 or A63B 59/00, subject matter related to details or accessories of golf clubs, bats, rackets or the like are further classified in group A63B 60/00.

**SUBCLASS B27K PROCESSES, APPARATUS OR SELECTION OF SUBSTANCES FOR IMPREGNATING, STAINING, DYEING, BLEACHING OF WOOD OR SIMILAR MATERIALS, OR TREATING OF WOOD OR SIMILAR MATERIALS WITH PERMEANT LIQUIDS**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
N	B27K3/00		In groups B27K 3/16 - B27K 3/50, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, impregnating agents are classified in the last appropriate place. {This Note corresponds to IPC Note (1) relating to B27K 3/16 - B27K 3/34.}
D	B27K 3/15	In groups B27K 3/16 - B27K 3/50, in the absence of an indication to the contrary, impregnating agents are classified in the last appropriate place	<i>Delete Note 2.</i>

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**SUBCLASS B60J WINDOWS, WINDSCREENS, NON-FIXED ROOFS, DOORS, OR SIMILAR DEVICES FOR VEHICLES; REMOVABLE EXTERNAL PROTECTIVE COVERINGS SPECIALLY ADAPTED FOR VEHICLES** (fastening, suspending, closing, or opening of such devices E05)

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
N	B60J11/00		In groups B60J 11/02 - B60J 11/10, the first place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place. {This Note corresponds to IPC Note (1) relating to B60J 11/02 - B60J 11/06.}

**SUBCLASS B62M RIDER PROPULSION OF WHEELED VEHICLES OR SLEDGES**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	B62M 6/00	In this main group, at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place	In this main group, the first place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.
M	B62M 9/00	In this main group, at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.	In this main group, the first place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.

**SUBCLASS C02F TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
N	C02F 9/00		3. In this group, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.



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**SUBCLASS C03C CHEMICAL COMPOSITION OF GLASSES, GLAZES, OR VITREOUS ENAMELS;  
SURFACE TREATMENT OF GLASS**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	C03C 1/00 – C03C 14/00	In groups C03C 1/00 - C03C 14/00, in the absence of an indication to the contrary, classification is made in the last appropriate place.	In groups C03C 1/00 - C03C 14/00, the last place priority rule is applied, i.e. in the absence of an indication to the contrary, classification is made in the last appropriate place.

**SUBCLASS F23B METHODS OR APPARATUS FOR COMBUSTION USING ONLY SOLID FUEL**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	F23B	This subclass is only concerned with the combustion of lump fuel, or of pulverulent or granulated fuel if no use is made of its fluent nature.	<p><b>Replace</b> the existing note with the following <u>four</u> notes.</p> <ol style="list-style-type: none"> <li>1. This subclass only covers combustion wherein the main body of fuel is either essentially stationary during combustion or mechanically transported, as opposed to pneumatically transported or suspended in air, during combustion.</li> <li>2. In this subclass, the first place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.</li> <li>3. In this subclass, methods are classified in the groups that cover the apparatus used. Methods that are not related to a particular type of apparatus are classified in group F23B 90/00.</li> <li>4. In this subclass, it is desirable to add the indexing codes of groups F23B 2101/00 - F23B 2900/00.</li> </ol>

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**SUBCLASS F24F AIR-CONDITIONING, AIR-HUMIDIFICATION, VENTILATION, USE OF AIR CURRENTS FOR SCREENING**

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>Modified Note</u>
M	F24F 1/06	In this group, at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.	In this group, the first place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the first appropriate place.

\*N = new note, M = modified note, D = deleted note

NOTE: The "Location" column only requires the symbol PRIOR to the location of the note. No further directions such as "before" or "after" are required.

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D. New, Modified or Deleted Guidance Heading(s)





**SUBCLASS A01N- PRESERVATION OF BODIES OF HUMANS OR ANIMALS OR PLANTS OR PARTS THEREOF; BIOCIDES, e.g. AS DISINFECTANTS, AS PESTICIDES, AS HERBICIDES (preparations for medical, dental or toilet purposes A61K; methods or apparatus for disinfection or sterilisation in general, or for deodorising of air A61L); PEST REPELLANTS OR ATTRACTANTS (decoys A01M 1/06; medicinal preparations A61K); PLANT GROWTH REGULATORS (compounds in general C01, C07, C08; fertilisers C05; soil conditioners or stabilisers C09K 17/00)**

<u>Type*</u>	<u>Location</u>	<u>Old Guidance Heading</u>	<u>Modified Guidance Heading</u>
M	A01N 25/00 - A01N 65/00	<p>2. In groups A01N 27/00 - A01N 65/00, in the absence of an indication to the contrary, classification is made in the last appropriate place for an active ingredient.</p> <p>3. Where a compound is described as existing in tautomeric forms, it is classified as if existing in the form which is classified last in the system.</p> <p>4. Compounds covered by different main groups according to alternatively specified parts of their formulae are classified in every one of the relevant main groups.</p> <p>5. Salts formed between two or more organic compounds are classified as the compound providing the essential ion and it is also classified as the compound providing the other ion.</p> <p>6. Salts or metal chelates of an organic compound are classified as that compound.</p> <p>7. In this subclass, a foodstuff is not considered as an active ingredient.</p> <p>8. Different materials applied in sequence, at different times, are</p>	<p>2. In groups A01N 27/00 - A01N 65/00, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, an active ingredient is classified in the last appropriate place.</p> <p>3. A composition, i.e. a mixture of two or more active ingredients is classified in the last of groups A01N 27/00 - A01N 65/00 that provides for at least one of these active ingredients.</p> <p>4. Any part of a composition which is not identified by the classification according to Note (3), and which itself is determined to be novel and non-obvious, must also be classified in the last appropriate place in groups A01N 27/00 - A01N 65/00. The part can be either a single ingredient or a composition in itself.</p> <p>5. Any part of a composition which is not identified by the classification according to Note (3) or (4), and which is considered to represent information of interest for search, may also be classified in the last appropriate place in groups A01N 27/00 - A01N 65/00. This can, for example, be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Guidance Heading</u>	<u>Modified Guidance Heading</u>
		<p>considered as a mixture of all materials employed</p> <p>9. Synergistic or potentiated compositions are classified as if the synergist or potentiator were an active ingredient.</p> <p>10. In groups A01N 25/00 - A01N 65/00, the symbol X means nitrogen, oxygen, sulfur or a halogen; Y means nitrogen, oxygen or sulfur. A dotted line between atoms indicates an                        optional bond, e.g.                       indicates one or two single bonds or a double bond.</p> <p>11. In groups A01N 25/00 - A01N 65/00, it is required to use Combination Sets for classifying mixtures of (active or formulation-relevant) ingredients.</p> <p>Symbols relating to additional ingredients of mixtures or specific formulation types are added to the Combination Set of the main ingredient.</p> <p>The additional ingredient may be a further active ingredient (for example in case of synergistic mixtures) or may relate to a particular special formulation-ingredient (such as a surfactant or safener) or to a special formulation embodiment (like a wettable powder or microcapsule).</p>	<p>6. Where a compound is described as existing in tautomeric forms, it is classified as if existing in the form which is classified last in the system.</p> <p>7. Compounds covered by different main groups according to alternatively specified parts of their formulae are classified in every one of the relevant main groups.</p> <p>8. Salts formed between two or more organic compounds are classified as the compound providing the essential ion and it is also classified as the compound providing the other ion.</p> <p>9. Salts or metal chelates of an organic compound are classified as that compound.</p> <p>10. In this subclass, a foodstuff is not considered as an active ingredient.</p> <p>11. Different materials applied in sequence, at different times, are considered as a mixture of all materials employed.</p> <p>12. Synergistic or potentiated compositions are classified as if the synergist or potentiator were an active ingredient.</p> <p>13. In groups A01N 25/00 - A01N 65/00, the symbol X means nitrogen, oxygen, sulfur or a halogen; Y means nitrogen, oxygen or sulfur. A dotted line between atoms indicates an optional bond,                        e.g.                       indicates one or two single bonds or a double bond.</p>

\*N = new guidance heading, M =modified guidance heading, D = deleted guidance heading

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NOTES:

- The “Location” column requires the symbol AFTER the guidance heading location. No further directions such as “before” or “after” are required.
- In cases where there may be confusion as to whether a new group falls within the scope of a guidance heading, indicate the guidance heading and whether the group does or does not go with the guidance heading. This can be included in the “Location” column. For example, the guidance heading “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen” encompasses groups C07C 301/00-395/00 only. If a new group C07C 398/00 is proposed and is included in the guidance heading scope, indicate this in the “Location” column as follows: 398/00 to be included under the guidance heading: “Compounds containing carbon together with sulfur, selenium or tellurium with or without hydrogen, halogens, oxygen or nitrogen.”

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## 2. A. DEFINITIONS (New)

Insert the following new definition in **B41F**.

### **B41F 33/02**

#### **References**

##### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

In typewriters or selective printing mechanisms	<a href="#">B41J 29/20</a>
In manifolding apparatus or the like	<a href="#">B41L 39/00</a>

Insert the following new definitions in **B65B**.

### **B65B 1/22**

#### **References**

##### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Supplying or feeding material by vibratory feeders	<a href="#">B65B 37/04</a>
----------------------------------------------------	----------------------------

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## **B65B 1/28**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Cleaning of, or removing dust from, containers, wrappers or packaging	<a href="#">B65B 55/24</a>
-----------------------------------------------------------------------	----------------------------

## **B65B 1/38**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Details of pistons	<a href="#">F04B 53/00</a>
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## **B65B 1/46**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Check weighing in general	<a href="#">G01G15/00</a>
---------------------------	---------------------------

## **B65B 3/32**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Details of pistons	<a href="#">F04B 53/00</a>
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## **B65B 5/108**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Guides or funnels for introducing articles into containers or wrappers	<a href="#">B65B 39/007</a>
------------------------------------------------------------------------	-----------------------------

## **B65B 7/2821**

### **Definition statement**

*This place covers:*

The application of plugs or stoppers to filled syringes.

### **References**

#### ***Limiting references***

*This place does not cover:*

Bottles or jars	<a href="#">B67B 1/04</a>
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## **B65B 7/2842**

### **References**

#### ***Limiting references***

*This place does not cover:*

Securing closures on containers in general	<a href="#">B65B 51/00</a>
--------------------------------------------	----------------------------

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Securing package folds or closures, securing necks of bags	<a href="#">B65B 51/00</a>
------------------------------------------------------------	----------------------------



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**B65B 9/10****References****Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Sausage filling or stuffing machines	<a href="#">A22C 11/02</a>
--------------------------------------	----------------------------

**B65B 11/02****References****Limiting references**

*This place does not cover:*

Wrapping articles by doubling a wrapper and securing its opposed free margins to enclose contents	<a href="#">B65B 11/48</a>
Wrapping articles by disposing contents between two sheets and securing their opposed free margins	<a href="#">B65B 11/50</a>

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Covering or wrapping cores by winding webs, tapes, or filamentary material	<a href="#">B65H 81/00</a>
----------------------------------------------------------------------------	----------------------------

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**B65B 11/04****References*****Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Wrapping devices for individual bales of straw, hay or the like, in particular as part of a bailing press	<a href="#">A01F 15/071</a>
-----------------------------------------------------------------------------------------------------------	-----------------------------

**B65B 11/56****References*****Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

For bottles	<a href="#">B65B 21/26</a>
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**B65B 13/02****References*****Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Tying devices in bailing presses	<a href="#">A01F 15/04</a> , <a href="#">B30B 9/30</a>
Applying reinforcing means to non-metal sleepers	<a href="#">E01B 31/28</a>

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## **B65B 13/025**

### **References**

#### ***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Hand tools for applying strapping material on building sites	<a href="#">E04G 21/12</a>
--------------------------------------------------------------	----------------------------

## **B65B 13/182**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Labelling machines in general	<a href="#">B65C</a>
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## **B65B 13/22**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Tensioning load in cars and lorries	<a href="#">B60P 7/083</a>
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**B65B 13/345****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Securing straps having integral preformed connecting means	<a href="#">B65B 13/027</a>
Hand tools for crimping metal	<a href="#">B25B 27/146</a>

**B65B 15/02****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Cards for buttons, collar-studs, or sleeve-links	<a href="#">A44B 7/00</a>
--------------------------------------------------	---------------------------

**B65B 15/04****References****Limiting references***This place does not cover:*

Packaging ammunition using cartridge belts	<a href="#">F42B 39/08</a>
--------------------------------------------	----------------------------

**Application-oriented references***Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Placing of electric components on belts holding the terminals	<a href="#">H05K 13/003</a>
---------------------------------------------------------------	-----------------------------

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## **B65B 19/02**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Auxiliary devices for drying glued or sealed packages	<a href="#">B65B 61/002</a>
-------------------------------------------------------	-----------------------------

## **B65B 19/105**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Withdrawal of successive layers from a hopper using a pocketed conveyor	<a href="#">B65B 19/10</a>
-------------------------------------------------------------------------	----------------------------

## **B65B 19/228**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Feeding blanks in general	<a href="#">B65B 41/00</a>
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## **B65B 19/28**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Control devices of general application in packaging machines	<a href="#">B65B 57/00</a>
--------------------------------------------------------------	----------------------------

## **B65B 19/30**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Examining cigarettes not in combination with packaging	<a href="#">A24C 5/34</a>
Optical inspection of external surface of cylindrical bodies for the presence of flaws or contamination	<a href="#">G01N 21/952</a>

## **B65B 21/02**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Introducing bottles into cases via centering devices or grids	<a href="#">B65B 39/006</a>
---------------------------------------------------------------	-----------------------------

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**B65B 21/26****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

To articles in general	<a href="#">B65B 11/56</a>
Straw-made wrappers	<a href="#">B65B 21/247</a>

**B65B 23/08****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Testing, sorting or cleaning eggs	<a href="#">A01K 43/00</a>
Transferring eggs to an inoculation machine	<a href="#">A01K 45/007</a>
Egg grippers for cooking purposes	<a href="#">A47J 29/06</a>

**B65B 25/041*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Adding desiccant to the package, see also	<a href="#">B65B 25/001</a> , <a href="#">B65B 25/067</a> , <a href="#">B65B 55/19</a> , <a href="#">B65B 61/20</a>
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## B65B 25/08

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Slicing machines with inter-leavers for stacked slices	<a href="#">B26D 7/325</a>
--------------------------------------------------------	----------------------------

## B65B 29/10

### **References**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Packaging two different substances not isolated from each-other	<a href="#">B65B 3/326</a> <a href="#">B65B 2220/14</a>
More component mortars	<a href="#">C04B 40/065</a>
Grouting cartridges	<a href="#">E21D 20/023</a> , <a href="#">E21D 20/026</a>

## B65B 35/10

### **References**

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Orientating	<a href="#">B65B 35/56</a>
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**B65B 35/30****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Orientating	<a href="#">B65B 35/56</a>
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**B65B 39/007****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Filling individual containers with articles with article support means temporarily arranged in the container	<a href="#">B65B 5/108</a>
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**B65B 43/14****References*****Application-oriented references****Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Shopping bag or carton-dispensing systems specifically adapted for check-out counters	<a href="#">A47F 9/042</a>
Shopping bag or paper bag holders for shops	<a href="#">A47F 13/08</a>

***Informative references****Attention is drawn to the following places, which may be of interest for search:*

Separating thin articles from piles in general	<a href="#">B65H 3/00</a>
------------------------------------------------	---------------------------

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## **B65B 43/262**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Filling of valve bags	<a href="#">B65B 1/16,</a> <a href="#">B65B 3/17</a>
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## **B65B 45/00**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Filling nozzles, funnels, guides	<a href="#">B65B 39/00</a>
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## **B65B 51/06**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Adhesive tape dispensers	<a href="#">B65H 35/0006</a>
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## **B65B 2051/105**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Heat-seal temperature control in general	<a href="#">B29C 66/91</a>
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**B65B 55/10****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Sterilisation in general by liquids	<a href="#">A61L 2/18</a>
Sterilisation in general by gases	<a href="#">A61L 2/20</a>

**B65B 55/18****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Sterilisation in general by liquids	<a href="#">A61L 2/18</a>
Sterilisation in general by gases	<a href="#">A61L 2/20</a>

**B65B 55/19****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Adding desiccant to the package, see also	<a href="#">B65B 25/001</a> , <a href="#">B65B 25/041</a> , <a href="#">B65B 25/064</a> , <a href="#">B65B 61/20</a>
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**B65B 57/10****References*****Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Checking correctness of packaged medicine such as tablets, capsules, or the like, with optical means	<a href="#">G01N 21/9508</a>
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**B65B 59/02****References*****Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Weight or volumetric adjustment of material to be packaged into an individual container	<a href="#">B65B 1/30</a> , <a href="#">B65B 3/26</a>
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**B65B 61/065****References*****Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Driving gear herefor	<a href="#">B65B 65/02</a>
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**B65B 63/02****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Presses for tableting or compressing of powders	<a href="#">B30B 11/00</a>
For compressing an article in a package in order to remove air from the package (deaerating) see	<a href="#">B65B 31/00</a>

**B65B 63/04****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Folding or winding webs or filamentary material in general	<a href="#">B65H 45/00</a> , <a href="#">B65H 54/00</a>
Folding textile articles not in connection with packaging	<a href="#">D06F 89/00</a>

**B65B 65/006****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Feeding articles along multiple lines to single packaging position	<a href="#">B65B 35/54</a>
Plurality of alternative input or output or alternative packaging units	<a href="#">B65B 2210/02</a>
Related to sealing plastic material	<a href="#">B29C 66/8432</a>

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**B65B 65/02****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Drives for cutting stations	B26D 5/08, B26F 1/40
Drives for thermoforming stations	B29C 33/20, B29C 45/64, B29C 51/38
Drives for sealing stations for joining plastics	B29C 66/822
Presses in general	B30B

**B65B 2067/1283****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Refuse receptacles with sealing means	B65F 2210/167
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**B65B 69/0025****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Hand held metal wire cutters for shearing metal wire	B23D 29/023
Hand held cutting tools	B26B 17/00, B26B 27/00

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## **B65B 2210/02**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Feeding along multiple lines to single packaging position	<a href="#">B65B 35/54</a>
Multiple parallel packaging lines	<a href="#">B65B 65/003</a>

## **B65B 2220/14**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Packaging two substances isolated from each-other but capable of being mixed in the package without opening the package	<a href="#">B65B 29/10</a>
Volumetric dosing of several products into an individual container	<a href="#">B65B 3/326</a>

## **B65B 2230/02**

### **References**

#### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Such containers as such	<a href="#">B65D81/32</a>
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Insert the following new definitions in **G03B**.

## **G03B 3/10**

### **Definition statement**

*This place covers:*

Mechanical and electromechanical details of driving and guiding a power operated focusing lens or other optical elements

### **References**

#### **Application-oriented references**

*Examples of places where the subject-matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:*

Means for automatic focusing of projectors or projection type viewers	<a href="#">G03B 21/53</a>
Means for automatic focusing of photographic printing apparatus or copying cameras	<a href="#">G03B 27/34</a>

#### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Autofocus systems (as long as the focusing signal is not generated in the main image sensor)	<a href="#">G03B 13/36</a>
Focusing based on image signal provided by the electronic image sensor	<a href="#">H04N 5/23212</a>
Means for automatic focusing of projectors or projection type viewers	<a href="#">G03B 21/53</a>
Means for automatic focusing of photographic printing apparatus or copying cameras	<a href="#">G03B 27/34</a>
Motorized focusing of fixed focus lenses in general	<a href="#">G02B 7/08</a>
Motorized focusing of variable focus lenses in general	<a href="#">G02B 7/102</a>
Systems for automatic generation of focusing signals in general	<a href="#">G02B 7/28</a>
Driving means for the movement of one or more optical elements	<a href="#">G03B 2205/0053</a>



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**G03B 13/32****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Focusing arrangements	<a href="#">G03B 3/00</a>
Power-operated focusing	<a href="#">G03B 3/10</a>
Mechanisms for focusing a lens in general	<a href="#">G02B 7/04</a>

**G03B 13/36****Definition statement***This place covers:*

Algorithms, control systems and user interfaces for performing Auto focusing and for generating focusing signals in photographic cameras as long as the focusing signal is not generated in the main electronic image sensor.

**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Focusing arrangements	<a href="#">G03B 3/00</a>
Power-operated focusing	<a href="#">G03B 3/10</a>
Focusing based on image signal provided by the electronic image sensor	<a href="#">H04N 5/23212</a>
Systems for automatic generation of focusing signals in general	<a href="#">G02B 7/28</a>

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## 2. A. DEFINITIONS (Modified)

### A44C 27/00

Insert: The following new Informative references section.

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Processing sheet metals for making jewelry products	B21D 53/44
Bead chains manufacturing	B21F 37/00
Making chain links	B21L 3/00
Making ornamental chains	B21L 11/005
Casting / moulding jewellery articles	B22D 25/026
Metal welding	B23K 23/00
Gold soldering chemical compositions	B23K 35/3013
Fitting metal parts together	B23P 19/00
Producing ornamental structures by stamping or bending with cutting	B44C 3/082
Processes for producing special ornamental bodies	B44C 5/00
Beadings, ribbons, tapes made of textile or analogous material	D04D 9/00
Chains (in general)	F16G 13/00

Delete: The following existing Limiting references section.

***Limiting references***

*This place does not cover:*

Processing sheet metals for making jewelry products	B21D 53/44
Bead chains manufacturing	B21F 37/00
Making chain links	B21L 3/00
Making ornamental chains	B21L 11/005
Casting / moulding jewellery articles	B22D 25/026

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Metal welding	B23K 23/00
Gold soldering chemical compositions	B23K 35/3013
Fitting metal parts together	B23P 19/00
Producing ornamental structures by stamping or bending with cutting	B44C 3/082
Processes for producing special ornamental bodies	B44C 5/00
Beadings, ribbons, tapes made of textile or analogous material	D04D 9/00
Chains (in general)	F16G 13/00

## B01J 2/02

### *Informative references*

Insert: The following new row in the existing Informative references table.

Evaporating by spraying	B01D 1/16
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## B27G

### **Relationships with other classification places**

Insert: In the Relationships with other classification places section (under this existing statement: "Sawing of wood is classified in B27B") the new statement shown below.

Machines or devices for working mitre joints with tenon or like connections [B27F](#)

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**Limiting references**Delete: The following two rows from the existing Limiting references table.

Grinding tools	B24B
Machines or devices for working mitre joints with tenon or like connections	B27F

Insert: The following three new rows in the existing Limiting references table.

Tools for grinding	B24D
Tools for slotting or mortising machines	B27F5/02
Manufacture of wood shavings, chips, and powder	B27L 11/00

**B27G 5/00**Insert: The following new References heading and Informative references section.**References****Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

With tenon or like connections	B27F
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**B27G 11/00**

Insert: The following new References heading and Informative references section.

**References*****Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Applying liquids, e.g. liquid adhesives, to surfaces in general	B05C, B05D
Adhesive processes	C09J 5/00

**B41F*****Limiting references***

Delete: The following row from the existing Limiting references table.

Manufacturing printed circuits using screen printing type machines	H05K 3/12
--------------------------------------------------------------------	-----------

***Informative references***

Insert: The following four new rows in the existing Informative references table.

Machines for manufacturing footwear incorporating printing or embossing apparatus	A43D
Stencilling	B41L
Handling thin or filamentary material	B65H
Manufacturing printed circuits using screen printing type machines	H05K 3/12

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**Replace:** In the existing Informative references table, the two separate words: “ink jet” **with** the hyphenated word: “ink-jet” (as already done in the updated row shown below).

Selective printing mechanisms which have single types or characters or selectively activated printing elements, e.g. ink-jet or thermal print heads, for consecutively printing character by character and line by line; correction of typographical errors	B41J
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## B41F 15/00

### *Informative references*

**Insert:** The following new row in the existing Informative references table.

Selective printing	B41J 2/005
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## B41F 16/00

### *Informative references*

**Insert:** The following new row in the existing Informative references table.

Apparatus or machines for applying decalcomanias	B65C
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## B41F 17/00

### *Limiting references*

**Delete:** The entire existing Limiting references section (shown below).

***Limiting references***  
*This place does not cover:*

Platen presses	B41F 1/00
Cylinder presses	B41F 3/00
Rotary letterpress machines	B41F 5/00

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Rotary lithographic machines	B41F 7/00
Rotary intaglio printing presses	B41F 9/00
Screen printers	B41F 15/00
Transfer printing apparatus	B41F 16/00

**Informative references**

Insert: The following eleven new rows in the existing Informative references table.

Platen presses	B41F 1/00
Cylinder presses	B41F 3/00
Rotary letterpress machines	B41F 5/00
Rotary lithographic machines	B41F 7/00
Rotary intaglio printing presses	B41F 9/00
Screen printers	B41F 15/00
Transfer printing apparatus	B41F 16/00
Hand stamps, plier-like tools for printing or punching tickets or the like	B41K
Addressing machines or other office printing equipment	B41L
Coding or marking of packaging material or of completed Packages in packaging machines	B65B 61/00
Ticket-printing and issuing apparatus	G07B

**B41F 19/00**

**Informative references**

Insert: The following three new rows in the existing Informative references table.

Auxiliary perforating apparatus associated with printing devices	B41G 7/00
Coding or marking in association with packaging	B65B 61/00
Label dispensers having printing equipment	B65C

**B41F 21/00**

Insert: The following new section: Limiting references.

**Limiting references**

*This place does not cover:*

Printing apparatus or machines through platen presses	B41F 1/28
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**Informative references**

Insert: The following new row in the existing Informative references table.

Feeding sheets to or from printing apparatus or machines	B65H
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**B41F 23/00**

**Informative references**

Insert: The following three new rows in the existing Informative references table.

Surface treatment in general, applying liquids or other fluent materials	B05, C23G
Cleaning in general	B08B
Final step in the manufacture of such articles	B29C 71/00, D21H 23/00, D21H 25/00

**B41F 25/00**

Insert: The following new References heading and new Informative references section.

**References**

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Apparatus for taking-out curl from webs in general	B65H 23/34
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## B41F 30/00

### Definition statement

Delete: The following text in the existing Definition statement section.

and devices for attaching underlays.

Insert: The following text in the existing Definition statement section after the word “blankets”.

, and devices for attaching underlays.

Insert: The following new section: Limiting references.

#### **Limiting references**

*This place does not cover:*

Guiding devices for coverings (make-ready devices)	B41N 6/00
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## B41F 31/00

Insert: The following new section: Limiting references.

#### **Limiting references**

*This place does not cover:*

Inking units for platen presses	B41F 1/40
Inking units for cylinder presses	B41F 3/81

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**Informative references**Insert: The following two new rows in the existing Informative references section.

Applying liquids or other fluent materials to surfaces, in general	<a href="#">B05</a>
For typewriters or selective printing mechanisms	<a href="#">B41J</a>

**B41F 33/00**Insert: The following new References heading and Limiting references section.**References*****Limiting references****This place does not cover:*

Arrangements of counting devices in platen presses	<a href="#">B41F 1/00</a> <a href="#">B41F 1/58</a>
Cylinder presses	<a href="#">B41F 3/84</a>
Ink supply or metering devices	<a href="#">B41F 31/02</a>

Insert: The following new section: Informative references.***Informative references****Attention is drawn to the following places, which may be of interest for search:*

Typewriters or selective printing mechanisms	<a href="#">B41J 29/20</a>
Ink ribbons characterised by the material from which they are woven	<a href="#">B41J 31/02</a>
Counting mechanisms; counting of objects	<a href="#">G06M</a>

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## B65B

### Definition statement

Insert: The following new statements under the last existing statement (*Main group B65B 69/00 relates to unpacking*) in the Definition statement section.

Machines, apparatus, or methods of general application for packaging individual articles, groups of articles or quantities of material in solid, pulverulent, liquid, semi liquid or mixed solid and liquid form including mainly the following operations:

- filling portable containers or receptacles with articles or materials to form packages;
- inserting articles or groups of articles into containers or receptacles;
- closing filled containers or receptacles otherwise than by metal-working, glass-working, or wood-working operations;
- enclosing, or partially enclosing, articles or quantities of material, in sheets, strips, blanks, webs, or tubes of thin flexible material, e.g. wrapping;
- applying removable coatings, e. g. strippable coatings;
- bundling articles, e.g. holding articles together in groups by applying string or wire;
- attaching articles to cards, sheets, or webs.

Machines, apparatus, or methods adapted for packaging articles or materials presenting special problems or for special packaging operations e. g. packaging of specially shaped articles, of fragile, sensitive, tacky objects or of all sorts of foodstuffs.

Machines, apparatus, or methods adapted for packaging of articles or materials in packages that can have an additional function e. g. packaging of tea in tea-bags or of food intended to be cooked in the package.

Machines, apparatus, or methods adapted for packaging of articles or materials under special atmospheric or gaseous conditions.

Filling aerosol containers with propellants.

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Packaging articles by applying removable e.g. strippable coatings.

Details of, auxiliary devices applied to, or auxiliary measures taken in, machines, apparatus, or methods

- relating to the articles or materials to be packed:

- supplying, feeding, arranging, or orientating articles to be packed;
- supplying or feeding fluent-solid, plastic, or liquid material, or loose masses of small articles to be packaged;
- nozzles, funnels, or guides for introducing articles or materials into containers or wrappers;
- miscellaneous auxiliary devices operating on articles or materials to be packaged and not otherwise provided for;

- relating to the containers, packages or receptacles in association with packaging:

- forming, feeding, opening, or setting-up containers or receptacles;
- supplying or feeding container-forming sheets or wrapping material;
- apparatus or devices for supporting or holding wrappers during wrapping operation;
- apparatus or devices for forming pockets or receptacles in or from sheets, blanks, or webs;
- devices for folding or bending wrappers around contents;
- devices for, or methods of, sealing or securing package folds or closures, e.g. twisted bag necks;;
- shrinking wrappers, containers, container covers or container cover securing members during or after packaging;
- miscellaneous auxiliary devices for operating on sheets, blanks, webs, binding material, containers or packages, and not otherwise provided for;

- relating to the machines, apparatus, or methods themselves:

- automatic control, checking, warning, or safety devices of packaging machines;
- arrangements to give access for cleaning or maintenance purposes;

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- arrangements to enable machines to handle articles of different sizes, to produce packages of different sizes, to vary the contents of packages;
- details peculiar to packaging machines and not otherwise provided for, e. g. special gearing, anti- sticking material, devices for counting and registering;
- preserving, protecting, or purifying packages or package contents in association with packaging.

Apparatus or devices facilitating manual packaging operations.

Sack holders.

Unpacking of articles or materials.

Insert: The following new section: Relationships with other classification places.

### **Relationships with other classification places**

Operations like filling, inserting, enclosing or bundling of articles or attaching articles to webs or cards that are employed in the manufacture of the articles and not part of a packaging process, are covered by the appropriate subclasses, e.g. making confectionery products by casting in moulds formed by wrappers [A23G](#), filling ammunition, e.g. cartridges, [F42B 33/02](#).

Similarly, operations like filling, inserting, enclosing of material into bags, webs and similar material that are employed in the manufacture of a wrapping material as such, are not considered to be packaging in the meaning of [B65B](#) and covered by the appropriate subclasses, e.g. making dunnage or cushion pads [B31D 5/0039](#).

Packaging operations for a particular purpose, for which a special classification place exists and which is listed in the application oriented references, are only classified in [B65B](#) if the packaging operation is also of general interest and applicable to operations for other purposes.

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**Relationship with subclass B65D:**

**B65B** does not cover methods of packaging, which are wholly characterised by the form of the package produced, or the form of the container or packaging-element used, which are covered by **B65D**.

**Relationship with subclass B65G:**

**B65G** covers storage or transport devices (e.g. conveyers) in general whereby **B65B** covers those devices if they are restricted to packaging.

**Relationship with subclass B67C:**

The group **B67C 3/00** covers primarily the filling or bottling of bottles, cans, jars, barrels or casks with beverages or other (similar) liquids or semi-liquids, on a relatively large production scale, for example as is done in the beverage, soft drink or wine industry or in breweries. The filling of containers with liquids or semi-liquids using apparatus other than bottling or like apparatus is covered by the group **B65B 3/00**.

**Limiting references**

Insert: The following five new rows in the existing Limiting references table.

Bundling and pressing devices for cigars	<a href="#">A24C 1/44</a>
Devices for tensioning and securing binders adapted to be supported by the article or articles to be bound	<a href="#">B25B 25/00</a>
Applying closure members to bottles jars, or similar containers;	<a href="#">B67B1/00</a> , <a href="#">B67B3/00</a> , <a href="#">B67B5/00</a> , <a href="#">B67B6/00</a>
Concurrent cleaning, filling and closing of bottles	<a href="#">B67C7/00</a>
Emptying bottles, jars, cans, casks, barrels or similar containers	<a href="#">B67C 9/00</a>

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Delete: The existing three rows in the Limiting references table.

Operations of these types employed in the manufacture of articles other than packages are classified in other appropriate subclasses, e. g. making confectionery products by casting in moulds formed by wrappers	A23G
Methods of packaging which are wholly characterised by the form of the package produced, or the form of the container or packaging-element utilised	B65D
Filling ammunition cartridges	F42B

Insert: The following new section: References out of a residual place.

***References out of a residual place***

*Examples of places in relation to which this place is residual:*

Hand or power-operated devices not attached to, or not incorporated in, containers or container closures for opening closed containers	B67B 7/00
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Insert: The following new section: Application-oriented references.

***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Machines for forming slabs of butter with packaging devices	A01J 21/02
Sausage filling or stuffing machines	A22C 11/02
Shopping bag or carton-dispensing systems specifically adapted for check-out counters	A47F 9/042
Shopping bag or paper bag holders for shops	A47F 13/08
Filling and assembling of medical capsules	A61J 3/07
Filling of syringes in situ	A61M 5/1782
Inserting documents in envelopes and closing the latter	B43M 3/00, B43M 5/00

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Filling fuel into fuel tanks	B67D 7/00
Packaging of matches	C06F 1/12
Cutting machines specially adapted for sugar in combination with sorting and packaging machines	C13B 45/02
Packaging of ammunition or explosive charges	F42B 39/00
Filling of grease guns	F16N 37/02
Devices for wrapping coins	G07D 9/065

Insert: The following new section: Informative references.

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Preservation of foodstuffs in general	A23B, A23L
Manufacture and preparation of tobacco	A24B
Apparatus for applying liquids or other fluent materials to surfaces in general	B05C
Cleaning machinery and conduits	B08B
Hand-held nailing or stapling tools; manually operated portable stapling tools	B25C
Cutting or severing in general	B26D, B26F
Nailing or stapling devices	B27F
Sealing thermoplastics in general by joining	B29C 65/00
Presses in general	B30B
Making bags and boxes in general	B31B
Printing in general	B41F, B41J
Labelling	B65C
Containers for storage or transport of articles or materials e.g. bags, barrels, bottles, boxes, cans, cartons, etc. and other packaging elements, e.g. binders, closures, protective caps	B65D
Transport or storage devices in general, e.g. conveyers for loading or tipping; Stacking and de-stacking of articles in general	B65G
Handling sheets or webs of interest apart from their application in packaging machines	B65H
Filling bottles or other containers with liquids or semi-liquids by bottling machines	B67C 3/00



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Funnels, e.g. for bottling liquids	B67C 11/00
Weighing in general	G01G
Volumetric measurement in general	G01F

## Glossary of terms

Insert: The following six new terms in the existing Glossary of terms table.

Container/Receptacle	An individual structure comprising a barrier for confining its content, e.g. bags, sacks, boxes, cartons, cans, jars.
Wrapper	A wrapper can refer both to the wrapping material as such, e.g. in form of a strip or a sheet of flexible material, as well as to the finished flexible structure for containing the product. When a wrapper is used as an alternative to a container in the titles of B65B, it is to be understood as a more flexible structure than the container.
Wrapping material	Blanks, sheets, and webs (see definition below).
Blanks	Sheets pre-cut and creased for being folded into an individual container.
Strips/Sheets	Individual pre-cut sections of flexible material used for forming a single container or for producing a single package.
Webs	Continuous sections of flexible material used for partially or wholly enclosing the contents before separating the so formed package from the web supply.

## B65B 1/00

Insert: The following new section: Application-oriented references.

### **Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Packaging materials presenting special problems	B65B 29/00
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### **Informative references**

Delete: The following two rows from the existing Informative references table.

Packaging liquids	B65B 3/00
Packaging articles	B65B 5/00

Insert: The following four new rows in the existing Informative references table.

Packaging liquids in individual containers	B65B 3/00
Packaging articles in individual containers	B65B 5/00
Packaging under special atmospheric or gaseous conditions	B65B 31/00
Filling bags at stream, river, coast or marine sites, e.g. sandbags	E02B3/127

## B65B 1/02

### **Definition statement**

Insert: The following new paragraph as the first paragraph in the Definitions statement section.

Forming or setting-up containers just before filling, the material being subsequently filled into these preformed containers.

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Insert: The following new section: Limiting references.

***Limiting references***

*This place does not cover:*

Packaging successive quantities of material in flat, folded, or tubular webs of flexible sheet material	B65B 9/00
---------------------------------------------------------------------------------------------------------	-----------

**B65B 1/32**

Insert: The following new section: Limiting references.

***Limiting references***

*This place does not cover:*

Check-weighing of filled containers or receptacles	B65B 1/46
----------------------------------------------------	-----------

**Informative references**

Insert: The following three new rows in the existing Informative references table.

Weighing in general	G01G
Loss-in-weight type feed control in general, i.e. differential dosing	G01G 11/086
Combinatorial weighing in general	G01G 19/387

**B65B 1/36**

Insert: The following new section: Limiting references.

***Limiting references***

*This place does not cover:*

Checking volume of filled material	B65B 1/48
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**Informative references**

Insert: The following new row in the existing Informative references section.

Volumetric measurement in general	G01F
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**B65B 3/00**

Delete: The entire existing Limiting references section.

**Limiting references**

*This place does not cover:*

Filling fuel into fuel tanks	B67D 7/00
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Insert: The following new section: Application-oriented references.

**Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Dispensing a measured quantity of ingredients into a cup or other receptacle as part of a beverage making apparatus	A47J31/40
Filling fuel into fuel tanks	B67D 7/00
Filling lubricants into machine tanks	F01M 11/04
Filling liquids with coin-freed apparatus, i.e. vending	G07F 13/00

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**Informative references**Insert: The following four new rows in the Informative references table.

Packaging powders in individual containers	B65B 1/00
Packaging articles in individual containers	B65B 5/00
Packaging under special atmospheric or gaseous conditions; Adding propellants to aerosol containers	B65B 31/00
Filling bottles or other containers with liquids or semi-liquids by bottling machines	B67C 3/00

Delete: The following two rows in the existing Informative references table.

Packaging powders	B65B 1/00
Packaging articles	B65B 5/00

**B65B 3/003****Limiting references**Delete: The entire Limiting references section – heading and table.***Limiting references****This place does not cover:*

Filling of medical capsules	A61J 3/074
Filling of syringes in situ	A61M 5/1782

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Insert: The following new section: Application-oriented references.

### ***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Filling and assembling of medical capsules	A61J 3/07
Filling of syringes in situ	A61M 5/1782

### **Informative references**

Delete: The following existing row in the Informative references table.

Assembling of medical capsules	A61J
--------------------------------	------

Insert: The following three new rows in the Informative references table.

Automatic devices for transferring samples to, in or from the analysis apparatus	G01N 35/10
Computer assisted distribution of medication	G06F 19/3462
Mixing different liquid (medication) in a vending machine	G07F 13/06

### **B65B 3/02**

Insert: The following new Definition Statement section.

#### **Definition statement**

*This place covers:*

Forming or setting-up containers just before filling, the material being subsequently filled into these preformed containers.

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Machines incorporating means for making the containers or receptacles from flat, folded, or tubular webs of flexible sheet material, but which containers or receptacles are separated from the web before being filled.

**Informative references**

Insert: The following new row in the existing Informative references section.

Packaging successive quantities of material in flat, folded, or tubular webs of flexible sheet material	B65B 9/00
---------------------------------------------------------------------------------------------------------	-----------

**B65B 3/28**

**Informative references**

Insert: The following new row in the existing Informative references table.

Weighing in general	G01G
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**B65B 3/30**

**Informative references**

Insert: The following new row in the existing Informative references table.

Volumetric measurement in general	G01F
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**B65B 5/00**

Delete: The entire Limiting references table.

**Limiting references**

*This place does not cover:*

Packaging surgical instruments	A61B 50/00
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Insert: The following new section: Application-oriented references.

**Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Packaging bottles	B65B 21/00
Packaging articles presenting special problems	B65B 25/00

**Informative references**

Insert: The following four new rows in the existing Informative references table.

Packaging powders in individual containers	B65B 1/00
Packaging liquids in individual containers	B65B 3/00
Packaging under special atmospheric conditions	B65B 31/00
Packages for surgical instruments	A61B 50/30

Delete: The following four existing rows in the Informative references table.

Packaging powders	B65B 1/00
Packaging liquids	B65B 3/00
Packaging bottles	B65B 21/00
Packaging articles presenting special problems	B65B 25/00

**B65B 5/02**

**Definition statement**

Insert: The following new paragraph as the first paragraph in the existing Definition statement section.

Forming or setting-up containers just before filling, the articles being subsequently filled into these preformed containers.



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Insert: The following new paragraph as the **third** paragraph in the existing Definition statement section.

Machines incorporating means for making the containers or receptacles from flat, folded, or tubular webs of flexible sheet material, but which containers or receptacles are separated from the web before being filled.

### Informative references

Insert: The following new row in the existing Informative references table.

Packaging successive articles in flat, folded, or tubular webs of flexible sheet material	B65B 9/00
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### B65B 5/024

Delete: The entire Limiting references section – heading and table.

#### **Limiting references**

*This place does not cover:*

Packaging by wrapping a carton blank around the article	B65B 11/06
---------------------------------------------------------	------------

### Informative references

Insert: The following new row in the existing Informative references table.

Packaging by wrapping a carton blank around the article	B65B 11/06
---------------------------------------------------------	------------

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## B65B 5/10

Insert: The following new section: Informative references.

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Stacking one article or groups of articles upon another before packaging	<a href="#">B65B 35/50</a>
--------------------------------------------------------------------------	----------------------------

Delete: The entire Limiting references section – heading and table.

***Limiting references***

*This place does not cover:*

Stacking one article or groups of articles upon another before packaging	<a href="#">B65B 35/50</a>
--------------------------------------------------------------------------	----------------------------

## B65B 5/103

Insert: The following new Informative references section.

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Checking correctness of packaged medicine, such as tablets, capsules, or the like, with optical means	<a href="#">G01N 21/9508</a>
Assembling and dispensing pharmaceutical articles in a coin-freed apparatus (i.e. vending machine)	<a href="#">G07F 17/0092</a>

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**Informative references**

**B65B 7/00**

Insert: The following two new rows in the existing Informative references table.

Filling into individual containers	B65B 1/00, B65B 3/00, B65B 5/00
Packaging under special atmospheric or gaseous conditions	B65B 31/00

**B65B 7/16**

**Limiting references**

Delete: The entire existing Limiting references section – heading and table.

***Limiting references***

*This place does not cover:*

Concurrent cleaning filling and sealing of bottles	B67C 7/00
----------------------------------------------------	-----------

Insert: The following new section: Application-oriented references.

***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Closing metal cans or tins by metal-working operations	B21D 51/26
--------------------------------------------------------	------------

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Insert: The following new section: Informative references.

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Applying closure members to bottles, jars or similar containers	B67B1/00, B67B3/00, B67B5/00, B67B6/00
Concurrent cleaning filling and sealing of bottles	B67C 7/00

Insert: The following new section: Special rules of classification.

**Special rules of classification**

B65B 7/16 does not cover the closing of metal containers with metal closures nor the closing of metal containers using purely metal-working operations, which are both covered by B21D 51/2653. Classification is done in both places for example when a filled non-metal container is covered by a metal closure using metal-working operations.

**B65B 7/161**

**Informative references**

Insert: The following new row in the existing Informative references table.

Applying plugs or stoppers to filled syringes	B65B7/2821
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## **B65B 7/285**

Insert: The following new section: Application-oriented references.

### ***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Forming the circumferential seam of a metal can by deformation	<a href="#">B21D 51/30</a>
----------------------------------------------------------------	----------------------------

Delete: The entire existing Limiting references section – heading and table.

### ***Limiting references***

*This place does not cover:*

Forming the circumferential seam of a can by deformation	B21D 51/30
----------------------------------------------------------	------------

Insert: The following new section: Special rules of classification.

### ***Special rules of classification***

[B65B 7/285](#) does not cover the closing of metal containers with metal closures, which is covered by [B21D 51/30](#). Classification is done in both places for example when a filled non-metal container is covered by a metal closure using metal-working operations.

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## B65B 7/2864

Delete: The entire existing Limiting references section.

### **Limiting references**

*This place does not cover:*

Applying adhesive tape for securing package folds or package closures	B65B 51/06
-----------------------------------------------------------------------	------------

## **Informative references**

Insert: The following new row in the existing Informative references table.

Applying adhesive tape for securing package folds or package closures	B65B 51/06
-----------------------------------------------------------------------	------------

## B65B 9/00

### **Definition Statement**

Delete: The existing text (shown below) in the Definition statement section.

Packaging in webs of flexible sheet material. The typical form fill seal machines (FFS) are classified here.

Insert: The following replacement text in the Definition statement section.

Packaging successive articles or quantities of material in webs of flexible sheet material. The typical form fill seal machines (FFS) are classified here. "Successive" in the title should be understood such, that packaging of the next article or material in-line is started before the packaging of the present article is brought to an end. The present packaged article is normally not separated from the web before the next article is enclosed therein.

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Insert: The following new section: Informative references.

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Enclosing articles in strips, sheets, blanks or webs of flexible material by wrapping	<a href="#">B65B 11/00</a>
Packages for surgical instruments	<a href="#">A61B 50/30</a>
Making cushion pads or dunnage products from paper or film	<a href="#">B31D 5/0039</a>
Fixing semiconductor or solid state devices or parts thereof (e.g. wafers) on specially adapted carriers	<a href="#">H01L 21/673</a>
Loading electric components into containers during manufacture of printed circuits	<a href="#">H05K 13/021</a>

Delete: The entire existing Limiting references section.

***Limiting references***

*This place does not cover:*

Making cushion pads or dunnage products from paper or film	<a href="#">B31D 5/0039</a>
Packaging in strips, sheets or blanks of flexible material (wrapping) and packaging by wrapping several layers of web material around article	<a href="#">B65B 11/00</a>

**Special rules of classification**

Insert: The following text as the new first paragraph in the Special rules of classification section.

Operations like filling, inserting, enclosing of material into webs of flexible material that are employed in the manufacture of a wrapping material as such, are not considered to be enclosing in the meaning of [B65B 9/00](#) and covered by the appropriate subclasses, e.g. making dunnage or cushion pads [B31D 5/0039](#).

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Insert: The following new row in the existing table in the Special rules of classification section.

Packaging special material	B65B 29/00
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## B65B 11/00

### Definition Statement

Delete: The existing bulleted texts) in the Definition statement section.

- Wrapping by application of a web in (several) layers onto the articles, the web not necessarily being a pre-cut strip, sheet or blank;
- packaging in (cut off) strips sheets and blanks of flexible material.

Insert: The following replacement bullet text in the Definition statement section.

- Wrapping by application of a web in (several) layers onto the articles or quantities of material, the web not necessarily being a pre-cut strip, sheet or blank;
- Packaging in (cut off) strips sheets and blanks of flexible material applied around the articles or quantities of material.

### Limiting references

Insert: The following new row in the existing Limiting references table.

Bundling articles by applying narrow strips or bands of flexible material	B65B 13/00
---------------------------------------------------------------------------	------------



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Delete: The following two rows from the existing Limiting references table.

Cartons pre-formed adjacent to article the article subsequently being inserted into the preformed carton	B65B 5/024
Packaging in webs of flexible sheet material	B65B 9/00

**Informative references**

Insert: The following four new rows in the existing Informative references table.

Cartons pre-formed adjacent to the article, the article subsequently being inserted into the pre-formed carton	B65B 5/024
Enclosing successive articles or materials in flexible webs	B65B 9/00
Devices for folding or bending wrappers around contents	B65B 49/00
Devices for gathering or twisting wrappers	B65B 51/00

**B65B 11/004**

**Informative references**

Insert: The following new row in the existing Informative references table.

Devices for folding or bending wrappers around contents	B65B 49/00
---------------------------------------------------------	------------

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**B65B 13/00**

Insert: The following new section: Application-oriented references.

***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Specially adapted for harvesting	A01D 37/00, A01D 39/00, A01D 59/00, A01F 1/00
Bundling particular articles presenting special problems using string, wire, or narrow tape or band	B65B 27/00

***Informative references***

Insert: The following two new rows in the existing Informative references table.

Straining wire in general	B21F 9/00
Connecting wire to wire in general	B21F 15/00

**B65B 13/027**

Insert: The following new Informative references section.

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Securing ends of binding material by applying separate securing members	B65B 13/345
Applying hose clamps	B25B 25/005

## B65B 13/285

Insert: The following new section: Application-oriented references.

### **Application-oriented references**

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Hand held tools for twisting ends of strapping material on building sites	E04G 21/12
---------------------------------------------------------------------------	------------

Delete: The entire existing Limiting references section shown below.

### **Limiting references**

*This place does not cover:*

Hand held tools for twisting ends of binding material on building sites	E04G 21/122
-------------------------------------------------------------------------	-------------

## B65B 19/00

### **Informative references**

Insert: The following new row in the existing Informative references section.

Final treatment of cigars or cigarettes after manufacture	A24C 1/38, A24C 5/60
-----------------------------------------------------------	-------------------------

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## B65B 19/20

Insert: The following new section: the References heading and Informative references.

### References

#### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Cigarette boxes having hinged lids	<a href="#">B65D 85/1045</a>
------------------------------------	------------------------------

## B65B 19/34

### Limiting references

Delete: The entire Limiting references section.

#### *Limiting references*

*This place does not cover:*

Bundling rod-shaped articles	<a href="#">B65B 27/10</a>
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Insert: The following new Informative references section.

#### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Bundling rod-shaped articles	<a href="#">B65B 27/10</a>
------------------------------	----------------------------

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## B65B 21/00

Insert: The following new References heading and two new sections: (1) Limiting references and (2) Informative references.

### References

#### *Limiting references*

*This place does not cover:*

Bundling bottles	<a href="#">B65B27/04</a>
------------------	---------------------------

#### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Joining bottles directly to each other e.g. by glueing	<a href="#">B65B17/02</a>
--------------------------------------------------------	---------------------------

## B65B 21/12

### Informative references

Insert: The following new row in the existing Informative references section.

Grippers in general	<a href="#">B25J</a>
---------------------	----------------------

## B65B 21/18

### Informative references

Insert: The following new row in the existing Informative references section.

Grippers in general	<a href="#">B25J</a>
---------------------	----------------------

## B65B 21/24

Insert: The following new section: Definition statement.

### **Definition statement**

*This place covers:*

Wrapping bottles with cardboard which has holes for the bottle necks.

## B65B 21/245

Insert: The following new section: Definition statement.

### **Definition statement**

*This place covers:*

Enclosing one or several bottles into a wrapper.

### **Limiting references**

Insert: The following new row in the Limiting references table.

Applying wrappers to individual bottles by operations involving rotation or rolling of the bottles	B65B 21/26
----------------------------------------------------------------------------------------------------	------------

Delete: The following row from the Limiting references table.

Enclosing bottles in narrow bands, i.e. bundling	B65B 27/04
--------------------------------------------------	------------

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Insert: The following two new sections: Informative references and Special rules of classification.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Enclosing bottles in narrow bands, i.e. bundling	<a href="#">B65B 27/04</a>
Labelling by placing tubular labels around the container	<a href="#">B65C 3/065</a>

### **Special rules of classification**

The application of sleeves to bottles is considered to be labelling [B65C 3/065](#).

## **B65B 23/00**

Insert: The following new heading “References” followed by a Limiting references section and an Informative references section.

### **References**

#### **Limiting references**

*This place does not cover:*

Embedding articles in shock-absorbing media	<a href="#">B65B 55/20</a>
---------------------------------------------	----------------------------

#### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Fixing semiconductor or solid state devices or parts thereof (e.g. wafers) on specially adapted carriers	<a href="#">H01L 21/673</a>
Loading electric components into containers during manufacture of printed circuits	<a href="#">H05K 13/021</a>

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## B65B 23/12

### Informative references

Insert: The following new row in the existing Informative references table.

Arranging and feeding biscuits in connection with baking	<a href="#">A21C 15/00</a>
----------------------------------------------------------	----------------------------

## B65B 23/20

### Informative references

Insert: The following new row in the existing Informative references table.

Measures for preventing damage to stacked glass sheets	<a href="#">B65G 49/068</a>
--------------------------------------------------------	-----------------------------

## B65B 25/00

Insert: The following new Informative references section.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Packages for surgical instruments	<a href="#">A61B 50/30</a>
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### Limiting references

Insert: The following row in the Limiting references table.

Bundling	<a href="#">B65B 27/00</a>
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Delete: The following row in the Limiting references table.

Packages for surgical instruments	A61B 50/30
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## B65B 25/001

### Informative references

Insert: The following new row in the existing Informative references table.

Adding desiccant to the package, see also	B65B 25/041, B65B 25/067, B65B 55/19, B65B 61/20
-------------------------------------------	-----------------------------------------------------------

## B65B 25/04

Insert: The following new Application-oriented references section.

### ***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Bag or sack filling devices associated with digging harvesters	A01D 33/10
----------------------------------------------------------------	------------

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**B65B 25/046**Insert: The following new section: Informative references.***Informative references****Attention is drawn to the following places, which may be of interest for search:*

Adding desiccant to the package, see also	<a href="#">B65B 25/001</a> , <a href="#">B65B 25/067</a> , <a href="#">B65B 55/19</a> , <a href="#">B65B 61/20</a>
-------------------------------------------	------------------------------------------------------------------------------------------------------------------------------

**B65B 25/148**Insert: The following new section: Informative references.***Informative references****Attention is drawn to the following places, which may be of interest for search:*

Means for folding down the protruding parts of the wrapper onto the end faces of the roll	<a href="#">B65B 51/00</a>
-------------------------------------------------------------------------------------------	----------------------------

**B65B 25/18**Insert: The following new section: Informative references.***Informative references****Attention is drawn to the following places, which may be of interest for search:*

Cutting or slicing machines or devices specially adapted for baked articles other than bread	<a href="#">A21C 15/04</a>
For bread	<a href="#">B26B</a> , <a href="#">B26D</a>

## **B65B 27/00**

Insert: The following new section: Informative references.

### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Bundling articles in general	<a href="#">B65B 13/00</a>
------------------------------	----------------------------

## **B65B 27/08**

Insert: The following new Definition statement section.

### **Definition statement**

*This place covers:*

Bundling of banknotes

## **B65B 27/12**

Insert: The following new References heading and two new reference sections: Application-oriented references and Informative references.

### **References**

#### ***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Baling presses for straw, hay or the like	<a href="#">A01F 15/00</a>
-------------------------------------------	----------------------------

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***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Baling presses in general	<a href="#">B30B 9/30</a>
---------------------------	---------------------------

**B65B 31/00**

Insert: The following Reference heading and the new Informative references section.

**References*****Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Gas treatment of milk products, e.g. milk powder	<a href="#">A23C 3/005</a>
Milk preparations containing gases	<a href="#">A23C 9/1524</a>
Auxiliary treatments during loading or unloading of large container and the like; Loading or unloading of large containers in a fluid medium other than air	<a href="#">B65G 69/20</a>

**B65B 31/003****Definition statement**

Insert: The following new paragraph as the **second** paragraph in the existing Definition statement section.

**B65B 31/003** includes the filling of any liquid to an aerosol container the liquid does not specifically have to be the propellant because the propellant is implicitly added at one stage or another to the aerosol.

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Insert: The following new heading “References” and the new Informative references section.

**References**

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Aerosol containers per se	<a href="#">B65D 83/14</a>
---------------------------	----------------------------

**B65B 31/02**

**Informative references**

Insert: The following two new rows in the existing Informative references table.

Laminar flow cabinets	<a href="#">B08B 15/023</a>
Glove boxes	<a href="#">B25J 21/02</a>

**B65B 31/028**

Insert: The following new heading “References” followed by the new Informative references section.

**References**

***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Skin packaging	<a href="#">B65B 11/52</a>
----------------	----------------------------

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**B65B 31/04**Insert: The following new section: Informative references.***Informative references****Attention is drawn to the following places, which may be of interest for search:*

Evacuating, pressurising or gasifying a container or wrapper completely enclosed in a chamber	<a href="#">B65B 31/02</a>
Nozzles for introducing articles or materials into containers	<a href="#">B65B 39/00</a>

Delete: The entire Limiting references section.***Limiting references****This place does not cover:*

Evacuating, pressurising or gasifying a container or wrapper completely enclosed in a chamber	<a href="#">B65B 31/02</a>
-----------------------------------------------------------------------------------------------	----------------------------

**B65B 31/10**Insert: The following new section: Synonyms and Keywords.***Synonyms and Keywords****In patent documents, the following words/expressions are often used as synonyms:*

- "aerosol container" and "spray can"

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**Informative references**Insert: The following new row in the existing Informative references table.

Aerosol containers per se	B65D 83/14
---------------------------	------------

**B65B 33/00**Insert: The following new section: Limiting references.***Limiting references****This place does not cover:*

Enclosing by disclosing contents between two sheets, one sheet being rendered plastic	B65B 11/52
---------------------------------------------------------------------------------------	------------

**Informative references**Insert: The following four new rows in the existing Informative references table.

Applying liquids or other fluent materials to surfaces in general	B05
Lining or sheating with plastic foil, e.g. phones	B29C 63/02
Wrapping cores by winding	B65H 81/00
Applying wax to closed wine bottles	B67B 5/05

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**B65B 35/00**

Insert: The following new section: Application-oriented references.

***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Cigarettes	B65B 19/04
Bottles	B65B 21/04
Eggs	B65B 23/06
Biscuits	B65B 23/12

**Informative references**

Insert: The following two new rows in the existing Informative references table.

If not restricted to packaging machines	B07C, B65G, B65H
Adjustable conveying means	B65B 59/005

**B65B 35/08****Informative references**

Insert: The following new row in the existing Informative references table.

Separating single articles from loose masses of articles in general and not limited to packaging	B65G 47/1407
--------------------------------------------------------------------------------------------------	--------------



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**B65B 35/54****Informative references**Insert: The following two new rows in the existing Informative references table.

Plurality of alternative input or output lines for improving machine flexibility	B65B 2210/02
Multiple parallel packaging lines	B65B 65/006

**B65B 37/18**Insert: The following new section: Informative references.**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Weighing in general	G01G
---------------------	------

**B65B 37/20**Insert: The following new section: Informative references.**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Devices or methods for controlling the quantity of material or liquid fed or filled into a container by volume measurement	B65B 1/36, B65B 3/30
Volume measurement in general	G01F

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## Limiting references

Delete: The entire existing Limiting references section.

### **Limiting references**

*This place does not cover:*

Devices or methods for controlling the quantity of material or liquid fed or filled into a container by volume measurement	B65B 1/36, B65B 3/30
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## B65B 39/00

## Informative references

Insert: The following four new rows in the existing Informative references table.

Funnels for coffee mills	A47J 42/50
Nozzles in general	B05B
Fuel tank nozzles	B60K 15/03
Funnels in general	B67C 11/00

## Limiting references

Delete: The entire Limiting references section.

### **Limiting references**

*This place does not cover:*

Funnels for coffee mills	A47J 42/50
Fuel tank nozzles	B60K 15/03

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## B65B 41/00

### Informative references

Insert: The following new row in the existing Informative references table.

Supplying or feeding sheet-like material in general	<a href="#">B65H1/00 - B65H47/00</a>
-----------------------------------------------------	--------------------------------------

## B65B 41/18

Insert: The following new section: Definition statement.

### Definition statement

*This place covers:*

The recognition of marks on the web and the control of the web-feed based on the mark.

## B65B 51/02

### Informative references

Insert: The following new row in the existing Informative references table.

Activating adhesives by applying heat or pressure	<a href="#">B65B 51/10</a>
---------------------------------------------------	----------------------------

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## B65B 51/10

Insert: The following new Informative references section.

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Joining plastics by heating in general	<a href="#">B29C 65/02</a>
Closing plastic tube ends in general	<a href="#">B29C 57/10</a>

## B65B 51/30

### Informative references

Insert: The following new row in the Informative references table.

For subdividing filled tubes involving displacement of contents	<a href="#">B65B 9/12</a>
-----------------------------------------------------------------	---------------------------

## B65B 55/00

### Limiting references

Insert: The following new row in the existing Limiting references table.

By packaging under special atmospheric or gaseous conditions	<a href="#">B65B 31/00</a>
--------------------------------------------------------------	----------------------------

### Informative references

Insert: The following two new rows in the existing Informative references table.

Apparatus for cleaning or sterilizing or needles	<a href="#">A61M 5/001</a>
Preserving alcoholic beverages	<a href="#">C12H 1/00</a>

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Delete: The following row from the existing Informative references table.

Packaging under special atmospheric or gaseous conditions	B65B 31/00
-----------------------------------------------------------	------------

## **B65B 55/027**

Insert: The following new section: Informative references.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Laminar flow cabinets	<a href="#">B08B 15/023</a>
Clean rooms with manipulators	<a href="#">B25J 21/005</a>
Clean rooms in general	<a href="#">F24F 3/161</a>

## **B65B 55/04**

### **Informative references**

Add: This symbol: "[A61L 2202/23](#)" in the second column of the row in the Informative references table (symbol shown in row below).

The sterilising of bottles which mainly concerns the sterilizing media, processes, treatment and the like	<a href="#">A61L</a> , <a href="#">A61L 2202/23</a>
-----------------------------------------------------------------------------------------------------------	--------------------------------------------------------

## **B65B 55/24**

### **Informative references**

Insert: The following new row in the existing Informative references table.

Cleaning machinery or conduits if highly related to packaging	<a href="#">B65B 2210/06</a>
---------------------------------------------------------------	------------------------------

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**B65B 57/00**Insert: The following new section: Limiting references.***Limiting references****This place does not cover:*

Registering wrapping or container-forming material	B65B 41/18
----------------------------------------------------	------------

**Informative references**Insert: The following two new rows in the existing Informative references table.

Accident-prevention measures applicable for general use	F16P
Photoelectric cells	H01J, H01L

**B65B 61/00****Informative references**Insert: The following new row in the existing Informative references table.

Miscellaneous auxiliary devices operating on articles or materials to be packaged and not otherwise provided for	B65B 63/00
------------------------------------------------------------------------------------------------------------------	------------

**B65B 61/005**Insert: The following new section: Informative references.***Informative references****Attention is drawn to the following places, which may be of interest for search:*

Removing waste material in combination with welding plastic material	B29C 65/749
----------------------------------------------------------------------	-------------

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## B65B 61/06

Insert: The following new References heading and Informative references section.

### References

### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Cutting webs along their longitudinal direction	<a href="#">B65B 2220/16</a>
-------------------------------------------------	------------------------------

## B65B 61/186

Insert: The following two new sections: Application-oriented references and Informative references.

### ***Application-oriented references***

*Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:*

Attaching spouts to metal containers such as cans, tins or bottles	<a href="#">B21D 51/42</a>
--------------------------------------------------------------------	----------------------------

### ***Informative references***

*Attention is drawn to the following places, which may be of interest for search:*

Applying spouts to boxes or bags independently from the packaging operations	<a href="#">B31B</a> , <a href="#">B31B 50/84</a> , <a href="#">B31B 70/84</a>
------------------------------------------------------------------------------	--------------------------------------------------------------------------------------

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Delete: The entire Limiting references section.

**Limiting references**

*This place does not cover:*

Making or attaching spouts to cans, tins, bottles	B21D 51/42
Applying spouts to boxes or bags independently from the packaging operations see	B31B, B31B 50/84, B31B 70/84

**B65B 61/188**

**Limiting references**

Delete: The entire Limiting references section.

**Limiting references**

*This place does not cover:*

Making bags having interengaging profile-strips see	B31B, B31B 70/8131
-----------------------------------------------------	-----------------------

**Informative references**

Insert: The following new row in the Informative references table.

Making bags having interengaging profile strips in general, i.e. independently from the packaging operation	B31B, B31B 70/8131
-------------------------------------------------------------------------------------------------------------	-----------------------



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## B65B 61/20

Insert: The following new section: Limiting references.

### **Limiting references**

*This place does not cover:*

Adding unpacking elements	B65B 61/18
---------------------------	------------

### **Informative references**

Insert: The following two new rows in the existing Informative references table.

Adding desiccant to the package, see also	B65B 25/001, B65B 25/041, B65B 25/064, B65B 55/19
Labelling	B65C

## B65B 61/26

### **Informative references**

Insert: The following two new rows in the existing Informative references table.

Coding by applying a label (labelling)	B65C
Advertisement	G06Q 30/0241

Delete: The entire Limiting references section.

### **Limiting references**

*This place does not cover:*

Coding by applying a label (labelling)	B65C
----------------------------------------	------

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## B65B 63/00

Insert: The following new heading “References” followed by an Informative references section.

### References

#### *Informative references*

*Attention is drawn to the following places, which may be of interest for search:*

Miscellaneous auxiliary devices operating on sheets, blanks, webs, binding material, or packages, and not otherwise provided for	B65B 61/00
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## B65B 65/08

Delete: The entire existing Limiting references section.

### *Limiting references*

*This place does not cover:*

Controlling number of articles fed by counting them	B65B 57/20
-----------------------------------------------------	------------

Insert: The following three new reference sections: (1) References out of a residual place, (2) Application-oriented references, and (3) Informative references.

### References out of a residual place

*Examples of places in relation to which this place is residual:*

Controlling the number of articles fed by counting them	B65B 57/20
---------------------------------------------------------	------------

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**Application-oriented references**

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated by a larger system:

Counting, sorting and wrapping coins	G07D 9/00, G07D 9/065
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**Informative references**

Attention is drawn to the following places, which may be of interest for search:

Counting in general	G06M
---------------------	------

**B65B 67/12**

Insert: The following new section: Limiting references.

**Limiting references**

*This place does not cover*

Nozzles, funnels or guides adapted to support sacks	B65B 39/06
-----------------------------------------------------	------------

**Informative references**

Insert: The following new row in the existing Informative references table.

Laundry bags and supports	D06F 95/004
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## B65B 67/1266

### Informative references

Insert: The following new row in the existing Informative references table.

Refuse receptacles with spare bags	B65F 1/062
------------------------------------	------------

## B65B 69/00

Insert: The following new section: References out of a residual place.

### References out of a residual place

*Examples of places in relation to which this place is residual:*

Unpacking bottles	B65B 21/00
Containers for transporting blister-packs comprising means for dispensing articles, e.g. tablets therefrom	B65D 83/0463
Hand or power-operated devices not attached to, or not incorporated in, containers or container closures for opening closed containers such as bottles, jars, cans and similar containers	B67B 7/00

Delete: The entire Limiting references section.

### Limiting references

*This place does not cover:*

Unpacking bottles	B65B 21/00
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**Informative references**

Insert: The following four new rows in the existing Informative references table.

Inhalators comprising devices for breaking, piercing or cutting capsules	A61M 15/003
Separating waste/refuse	B03B 9/06
Destroying/transforming solid waste; Removing gases or liquids from discarded articles, e.g. aerosols	B09B 3/00, B09B 3/0058
Devices for opening envelopes	B43M 7/00

Delete: The following existing row from the Informative references table.

Counting, sorting coins	G07D
-------------------------	------

**B65B 69/0033**

Insert: The following new section: Definition statement.

**Definition statement**

*This place covers:*

The cutting open of boxes with power-operated devices.

Cutting open of bags, wrappers, and coin wrappers, apart from hand-operated devices covered by B67B 7/30.

**Limiting references**

Delete: The following existing row from the Limiting references table.

For tetraeders	B67B 7/30
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Insert: The following new section: References out of a residual place.

**References out of a residual place**

*Examples of places in relation to which this place is residual:*

Hand operated cutting devices for opening closed containers such as cans, tetraeders and similar containers	B67B 7/30
Power operated cutting devices	B67B 7/38

**B65B 69/005**

**Informative references**

Insert: The following three new rows in the existing Informative references table.

Crushing, pulverising or desintegrating in general	B02C
Dispensers for silicon type cartridges	B05C 17/00
Presses for squeezing liquid from for ex. fruit	B30B 9/02

Delete: The following two rows from the existing Informative references table.

Pliable tubular containers with auxiliary devices for expelling contents	B65D 35/28
Large containers with deformable internal walls facilitating emptying	B65D 88/62

Insert: The following new section: References out of a residual place.

**References out of a residual place**

*Examples of places in relation to which this place is residual:*

Pliable tubular containers with auxiliary devices for expelling contents	B65D 35/28
Large containers with deformable internal walls facilitating emptying	B65D 88/62

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**B65B 69/0058****Definition statement**

Delete: The existing text in the Definition statement section.

e.g. pressing tablets from a blister

Replace: In the Definition statement section, the revised text shown below.

For example, pressing tablets from a blister as long as the apparatus for opening does not form part of a container for storing the blister-pack.

**Informative references**

Delete: In the Informative references table, only the text (*not the symbol*) in the existing row.

Containers with special means for dispensing tablets from a blister web	B65D 83/0463
-------------------------------------------------------------------------	--------------

Replace: The text deleted from the row above with the following text.

Containers for storing a blister-package with special means for dispensing tablets from a blister web	B65D 83/0463
-------------------------------------------------------------------------------------------------------	--------------

Insert: The following new row in the existing Informative references table.

Disposal of medical waste	B09B 3/0075
---------------------------	-------------

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## **B65B 69/0066**

### **Limiting references**

Delete: The entire Limiting references section shown below.

#### ***Limiting references***

*This place does not cover:*

Emptying large containers with use of heat	B65D 88/74
--------------------------------------------	------------

Insert: The following new section: References out of a residual place.

#### **References out of a residual place**

*Examples of places in relation to which this place is residual:*

Emptying large containers with use of heat	B65D 88/74
--------------------------------------------	------------

## **B65B 69/0075**

### **Informative references**

Insert: The following new row in the existing Informative references table.

Means facilitating the emptying of large containers	B65D 88/54
-----------------------------------------------------	------------



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## B67C 3/00

### Definition statement

Delete: All of the existing paragraphs/text (shown below) in the Definition statement section.

**B67C7/03** covers primarily the filling/bottling of bottles or cans or jars or barrels or casks with beverages or drinks or other (similar) liquids or semi-liquids (such as e.g. edible oils or substances), on a relatively large production scale, for example as is done in the beverage or soft drink or wine industry or in breweries, and is further subdivided in:

- Cleaning of filling devices.
- Applications of control, warning or safety.
- Filling bottles, jars, cans with liquids or semi-liquids using bottling or like apparatus and details thereof.
- Filling of barrels and casks.

Insert: The following replacement paragraphs in the Definition statement section.

Bottling liquids or semiliquids; Filling jars or cans with liquids or semiliquids using bottling or like apparatus; Filling casks or barrels with liquids or semiliquids.

Concurrent cleaning (or sterilizing), filling, and closing of bottles; Processes or devices for at least two of these operations.

Devices for emptying bottles, not otherwise provided for during preparation of alcoholic beverages except beer **C12G 1/00**.

Funnels, e.g. for liquids (filter funnels **B01D 23/28**; volume flowmeters **G01F**).

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Insert: The following new section: Informative references.

### **Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Pasteurising or sterilising of liquids	A23L 3/00
Sterilising or disinfecting of objects	A61L 2/00, A61L 2202/23
Mixing of liquids	B01F
Sorting containers according to e.g. fill level	B07C 5/3404
Filling bags, sacks, cartons, pouches, cups, etc.	B65B
Filling medical containers such as ampoules, vials, syringes or the like	B65B 3/003
Forming and filling of bottles in a mould	B65B 3/022
Pressurizing filled containers	B65B 31/04
Nozzles with flow cut-off means	B65B 39/001
Preservation of foods in combination with packaging	B65B 55/00
Safety devices for opening doors or panels	F16P 3/08
Grippers	B08B 9/426, B29C 49/4205, B65G 47/487, B65G 47/90
Devices for transferring samples or any liquids to, in, or from, the analysis apparatus, e.g. suction devices, injection devices	G01N 35/00

### **Limiting references**

Delete: The following row from the Limiting references table.

Forming and filling of bottles in a mould	B65B 3/022
-------------------------------------------	------------

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**E21F****Limiting references**

Insert: The following three new rows in the Limiting references section.

Breathing aids for curative purposes	A61H 31/00
Respiratory apparatus	A62B 7/00
Breathing apparatus for accidentally buried persons	A62B 33/00

Delete: The following two existing rows from the Limiting references section.

Machines for cutting, slitting or dislodging	E21C
Tunnel excavating machines	E21D 9/00

Insert: The following new section: Informative references.

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Machines for cutting, slitting or dislodging	E21C
Tunnel excavating machines	E21D 9/00

**G03B 3/00**

Insert: The following new section: Definition statement.

**Definition statement**

*This place covers:*

Mechanical and electromechanical details of driving and guiding a focusing lens or other optical elements in photographic devices.

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**G03B 13/00****Informative references**

Insert: The following three new rows in the existing Informative references table.

Automatic focusing in general	<a href="#">G02B 7/09</a>
Systems for automatic generation of focusing signals	<a href="#">G02B 7/28</a>
Devices or arrangements for the control of the intensity, colour, phase, polarisation or direction of light arriving from an independent light source	<a href="#">G02F1/00</a>

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3. REVISION CONCORDANCE LIST (RCL)

<b>Type*</b>	<b>From CPC Symbol (existing)</b>	<b>To CPC Symbol(s)</b>
D	B60J 2007/1208	<Administrative transfer to B60J 7/1204>
D	B60J 2007/1213	<Administrative transfer to B60J 7/1204>
D	B60J 2007/1217	<Administrative transfer to B60J 7/1204>
D	B60J 2007/1221	<Administrative transfer to B60J 7/1204>
C	B65B 33/00	B65B 33/00, B65B 11/52

\* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries.

NOTES:

- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B60J 2007/1208		DELETE
B60J 2007/1213		DELETE
B60J 2007/1217		DELETE
B60J 2007/1221		DELETE

\*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.