

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 801

DATE: JANUARY 1, 2020

PROJECT MP0442

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>		
Titles Changed:	B23B	2231/0216
	B29B	2911/00, 2911/14, 2911/14006, 2911/1432, 2911/14586
	B29C	2945/76003, 2945/76177, 2945/76344, 2945/76451, 2945/76494, 2945/76655, 2945/76822, 2945/76929
	B29D	99/00
	B32B	2037/1246
	B60Y	2200/00
	B65D	5/44
		47/44
		2301/00
		2517/00, 2517/0001, 2517/001, 2517/0031, 2517/0047, 2517/0058, 2517/0059, 2517/0068, 2517/008, 2517/0091, 2517/50, 2517/5002, 2517/5024, 2517/504, 2517/5043, 2517/5072
		2519/00, 2519/00004, 2519/00258, 2519/00263, 2519/00283, 2519/00313, 2519/00328, 2519/00537, 2519/00542, 2519/00736, 2519/00741, 2519/0083, 2519/00845
		2571/0008
		2575/00, 2575/28, 2575/30, 2575/32, 2575/3209, 2575/52, 2575/54, 2575/56, 2575/58
		2577/00, 2577/04, 2577/10, 2577/20
		2581/3401
		2585/08, 2585/30, 2585/54, 2585/641
		2588/00, 2588/02, 2588/12, 2588/16, 2588/162, 2588/54, 2588/64, 2588/74, 2588/743
		2590/00, 2590/0008, 2590/0025, 2590/02, 2590/04, 2590/043, 2590/22, 2590/24, 2590/54, 2590/66
	B65G	47/84
	B65H	2404/54
<b>DEFINITIONS:</b>		
Definitions Modified:	B29D	99/00
	B65D	47/44

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

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**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 B23B - TURNING; BORING (arrangements for copying or controlling B23Q)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to<sup>#</sup></u>
M	B23B2231/0216	2	Overall cross sectional shape of the shank	

**SUBCLASS B29B - PREPARATION OR PRETREATMENT OF THE MATERIAL TO BE SHAPED; MAKING GRANULES OR PREFORMS; RECOVERY OF PLASTICS OR OTHER CONSTITUENTS OF WASTE MATERIAL CONTAINING PLASTICS**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to<sup>#</sup></u>
M	B29B2911/00	0	Indexing scheme related to making preforms for blow-moulding bottles or the like	
M	B29B2911/14	1	Layer configuration, geometry, dimensions or physical properties of preforms for blow-moulding bottles or the like	
M	B29B2911/14006	2	layer configuration	
M	B29B2911/1432	2	Geometry	
M	B29B2911/14586	2	Mentioned dimensions	

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**SUBCLASS B29C - SHAPING OR JOINING OF PLASTICS; SHAPING OF MATERIAL IN A PLASTIC STATE, NOT OTHERWISE PROVIDED FOR; AFTER-TREATMENT OF THE SHAPED PRODUCTS, e.g. REPAIRING (making preforms B29B11/00; making laminated products by combining previously unconnected layers which become one product whose layers will remain together B32B37/00 - B32B41/00)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to<sup>#</sup></u>
M	B29C2945/76003	2	Measured parameter	
M	B29C2945/76177	2	Location of measurement	
M	B29C2945/76344	2	Phase or stage of measurement	
M	B29C2945/76451	2	Measurement means	
M	B29C2945/76494	2	Controlled parameter	
M	B29C2945/76655	2	Location of control	
M	B29C2945/76822	2	Phase or stage of control	
M	B29C2945/76929	2	Controlling method	

**SUBCLASS B29D - PRODUCING PARTICULAR ARTICLES FROM PLASTICS OR FROM SUBSTANCES IN A PLASTIC STATE (making granules B29B9/00; making preforms B29B11/00)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to<sup>#</sup></u>
M	B29D99/00	0	Subject matter not provided for in other groups of this subclass	

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**SUBCLASS B32B - LAYERED PRODUCTS, i.e. PRODUCTS BUILT-UP OF STRATA OF FLAT OR NON-FLAT, e.g. CELLULAR OR HONEYCOMB, FORM**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to<sup>#</sup></u>
M	B32B2037/1246	2	{Other adhesives}	

**SUBCLASS B60Y - INDEXING SCHEME RELATING TO ASPECTS CROSS-CUTTING VEHICLE TECHNOLOGY**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to<sup>#</sup></u>
M	B60Y2200/00	0	Type of vehicle	

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

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to<sup>#</sup></u>
M	B65D5/44	2	Integral, inserted or attached portions forming internal or external fittings	

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M	B65D47/44	2	combined with slits opening when container is deformed or when pad is pressed against surface to which contents are to be applied (pliable tubular containers with valves opening when closure is pressed against surfaces {B65D47/2018})	
M	B65D2301/00	0	Details of blanks	
M	B65D2517/00	0	Containers specially constructed to be opened by cutting, piercing or tearing of wall portions, e.g. preserving cans or tins	
M	B65D2517/0001	1	Details	
M	B65D2517/001	2	Action for opening container	
M	B65D2517/0031	2	Reclosable openings	
M	B65D2517/0047	2	Provided with additional elements other than for closing the opening	
M	B65D2517/0058	2	Other details of container end panel	
M	B65D2517/0059	3	General cross-sectional shape of container end panel	
M	B65D2517/0068	3	Ribs or projections in container end panel	
M	B65D2517/008	3	Materials of container end panel	
M	B65D2517/0091	2	Means for venting upon initial opening	
M	B65D2517/50	1	Non-integral frangible members applied to, or inserted in, a preformed opening	
M	B65D2517/5002	2	Details of flexible tape or foil-like material	
M	B65D2517/5024	3	Material	

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<b>Type*</b>	<b>Symbol</b>	<b>Indent Level Number of dots (e.g. 0, 1, 2)</b>	<b>Title</b> <b><u>“CPC only” text should normally be enclosed in {curly brackets}**</u></b>	<b>Transferred to<sup>#</sup></b>
M	B65D2517/504	2	Details of preformed openings	
M	B65D2517/5043	3	provided with a flange	
M	B65D2517/5072	2	Details of hand grip, tear- or lift-tab	
M	B65D2519/00	0	Pallets or like platforms, with or without side walls, for supporting loads to be lifted or lowered	
M	B65D2519/00004	1	Details relating to pallets	
M	B65D2519/00258	2	Overall construction	
M	B65D2519/00263	3	of the pallet	
M	B65D2519/00283	3	of the load supporting surface	
M	B65D2519/00313	3	of the base surface	
M	B65D2519/00328	4	shape of the contact surface of the base	
M	B65D2519/00537	3	of the lid or cover	
M	B65D2519/00542	3	of the corner posts	
M	B65D2519/00736	2	Details	
M	B65D2519/00741	3	Dimensional aspects of the pallet	
M	B65D2519/0083	4	Anti-slip means	
M	B65D2519/00845	4	Slip means	
M	B65D2571/0008	2	Load supporting elements	
M	B65D2575/00	0	Packages comprising articles or materials partially or wholly enclosed in strips, sheets, blanks, tubes or webs of flexible sheet material, e.g. in folded wrappers	

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M	B65D2575/28	1	Articles or materials wholly enclosed in composite wrappers, i.e. wrappers formed by association or interconnecting two or more sheets or blanks	
M	B65D2575/30	2	Articles or materials enclosed between two opposed sheets or blanks having their margins united, e.g. by pressure-sensitive adhesive, crimping, heat-sealing, or welding	
M	B65D2575/32	3	one or both sheets or blanks being recessed to accommodate contents	
M	B65D2575/3209	4	Details	
M	B65D2575/52	1	Details	
M	B65D2575/54	2	Cards, coupons, or other inserts or accessories	
M	B65D2575/56	3	Handles or other suspension means	
M	B65D2575/58	2	Opening or contents-removing devices added or incorporated during package manufacture	
M	B65D2577/00	0	Packages formed by enclosing articles or materials in preformed containers, e.g. boxes, cartons, sacks, bags	
M	B65D2577/04	1	Articles or materials enclosed in two or more containers disposed one within another	
M	B65D2577/10	1	Container closures formed after filling	
M	B65D2577/20	2	by applying separate lids or covers	
M	B65D2581/3401	2	Cooking or heating method specially adapted to the contents of the package	
M	B65D2585/08	1	for compressible or flexible rod-shaped or tubular article	



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M	B65D2585/30	1	for articles particularly sensitive to damage by shock or pressure	
M	B65D2585/36	2	for biscuits or other bakery products	
M	B65D2585/54	1	for articles of special shape not otherwise provided for	
M	B65D2585/641	2	specific articles	
M	B65D2588/00	0	Large container	
M	B65D2588/02	1	rigid	
M	B65D2588/12	2	specially adapted for transport	
M	B65D2588/16	1	flexible	
M	B65D2588/162	2	Flexible intermediate bulk containers [FIBC]	
M	B65D2588/54	1	characterised by means facilitating filling or emptying	
M	B65D2588/64	2	preventing bridge formation	
M	B65D2588/74	1	having means for heating, cooling, aerating or other conditioning of contents	
M	B65D2588/743	2	blowing or injecting heating, cooling or other conditioning fluid inside the container	
M	B65D2590/00	0	Component parts, details or accessories for large containers	
M	B65D2590/0008	1	Coupling device between containers	
M	B65D2590/0025	2	Twist lock	
M	B65D2590/02	1	Wall construction	
M	B65D2590/04	2	Linings	

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M	B65D2590/043	3	Flexible liners	
M	B65D2590/22	1	Safety features	
M	B65D2590/24	2	Spillage-retaining means	
M	B65D2590/54	1	Gates or closures	
M	B65D2590/66	2	Operating devices therefor	

**SUBCLASS B65G - TRANSPORT OR STORAGE DEVICES, e.g. CONVEYORS FOR LOADING OR TIPPING, SHOP CONVEYOR SYSTEMS OR PNEUMATIC TUBE CONVEYORS (packaging B65B; handling thin or filamentary materials, e.g. paper sheets or thread, B65H; cranes B66C; portable mobile or lifting or hauling appliances, e.g. hoists, B66D; devices for lifting or lowering goods for loading or unloading purposes, e.g. fork-lift trucks, B66F9/00; emptying bottles, jars, casks, barrels or similar containers, not otherwise provided for, B67C9/00; delivering or transferring liquids B67D; filling or discharging vessels for liquefied, solidified or compressed gases F17C; pipe-line systems for fluids F17D)**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B65G47/84	2	Star-shaped wheels or devices having endless travelling belts or chains, the wheels or devices being equipped with article-engaging elements	

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**SUBCLASS B65H - HANDLING THIN OR FILAMENTARY MATERIAL, e.g. SHEETS, WEBS, CABLES**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0,1,2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}</u>	<u>Transferred to#</u>
M	B65H2404/54	2	Surface including rotary elements, e.g. balls or rollers	

N = new entries where reclassification into entries is involved; 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; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:

- **\*\*No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).**
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types.
- “Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred 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>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY, ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
B29D 99/00	Special rules of classification		<u>Delete</u> : The entire Special rules of classification section.
B65D 47/44	Limiting references		<u>Insert</u> : The following new row into the Limiting references table.  A valve or like element which is opened or closed by deformation of the container or closure <a href="#">B65D 47/2018</a>
B65D 47/44	Limiting references		<u>Delete</u> : The following existing row from the Limiting references table.  For cleaning or polishing shoes A47L 23/04
B65D 47/44			<u>Insert</u> : The following new Application-oriented references section and table.  <b><i>Application-oriented references</i></b>  <i>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:</i>  For cleaning or polishing shoes <a href="#">A47L 23/04</a>

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NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.