

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 864

DATE: MAY 1, 2020

PROJECT RP0519

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:	B65G	2812/084, 2812/18, 2812/182, 2812/184, 2812/186, 2812/188
Symbols Deleted Pending Reclassification: (frozen (F))	B65G	2812/08, 2812/081, 2812/082, 2812/083, 2812/085, 2812/086, 2812/087, 2812/088
Warnings New:	B65G	11/00, 11/02, 11/04, 11/06, 11/08, 11/10, 11/12, 11/14, 11/16, 11/18, 11/20
	B65G	2812/08, 2812/081, 2812/082, 2812/083, 2812/085, 2812/086, 2812/087, 2812/088
<b>DEFINITIONS:</b>		
Definitions Modified:	B65G	9/00

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 B65G - TRANSPORT OR STORAGE DEVICES, e.g. CONVEYORS FOR LOADING OR TIPPING; SHOP CONVEYOR SYSTEMS; 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>
F	B65G 2812/08	1	Chutes	B65G 11/00, B65G 11/02, B65G 11/023, B65G 11/026, B65G 11/04, B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088, B65G 11/10, B65G 11/103, B65G 11/106, B65G 11/12, B65G 11/123, B65G 11/126, B65G 11/14, B65G 11/143, B65G 11/146, B65G 11/16, B65G 11/163, B65G 11/166, B65G 11/18, B65G 11/183, B65G 11/186, B65G 11/20, B65G 11/203, B65G 11/206
F	B65G 2812/081	2	Connecting means	B65G 11/00, B65G 11/18, B65G 11/183, B65G 11/186
F	B65G 2812/082	3	telescopic	B65G 11/14, B65G 11/143, B65G 11/146
F	B65G 2812/083	3	pivoting	B65G 11/12, B65G 11/123, B65G 11/126
D	B65G 2812/084	2	Cleaning means	<administrative transfer to B65G 11/00>
F	B65G 2812/085	2	characterised by the configuration	B65G 11/00, B65G 11/02, B65G 11/023, B65G 11/026, B65G 11/04, B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088, B65G 11/10, B65G 11/103, B65G 11/106, B65G 11/12, B65G 11/123, B65G 11/126, B65G 11/14, B65G 11/143,

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<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>
				B65G 11/146, B65G 11/16, B65G 11/163, B65G 11/166, B65G 11/18, B65G 11/183, B65G 11/186, B65G 11/20, B65G 11/203, B65G 11/206
F	B65G 2812/086	3	Screw-like chutes	B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088
F	B65G 2812/087	4	provided with material moving or braking means	B65G 11/00, B65G 11/02, B65G 11/023, B65G 11/026, B65G 11/04, B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088, B65G 11/10, B65G 11/103, B65G 11/106, B65G 11/12, B65G 11/123, B65G 11/126, B65G 11/14, B65G 11/143, B65G 11/146, B65G 11/16, B65G 11/163, B65G 11/166, B65G 11/18, B65G 11/183, B65G 11/186, B65G 11/20, B65G 11/203, B65G 11/206
F	B65G 2812/088	2	characterised by the material	B65G 11/00, B65G 11/02, B65G 11/023, B65G 11/026, B65G 11/04, B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088, B65G 11/10, B65G 11/103, B65G 11/106, B65G 11/12, B65G 11/123, B65G 11/126, B65G 11/14, B65G 11/143, B65G 11/146, B65G 11/16, B65G 11/163, B65G 11/166, B65G 11/18, B65G 11/183, B65G 11/186, B65G 11/20, B65G 11/203, B65G 11/206
D	B65G 2812/18	1	Conveyors with suspended load-carriers operated by hand or gravity	<administrative transfer to B65G 9/00>
D	B65G 2812/182	2	load-carriers, rollers therefor	<administrative transfer to B65G 9/002>
D	B65G 2812/184	2	loading or unloading arrangements	<administrative transfer to B65G 9/004>

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<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>
D	B65G 2812/186	2	Arresting, braking or escapement means	<administrative transfer to B65G 9/006>
D	B65G 2812/188	2	Rails or switches	<administrative transfer to B65G 9/008>

\*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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B. New, Modified or Deleted Warning(s)

**SUBCLASS B65G - TRANSPORT OR STORAGE DEVICES, e.g. CONVEYORS FOR LOADING OR TIPPING; SHOP CONVEYOR SYSTEMS; 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>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B65G 11/00		Group B65G 11/00 is incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/081, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/02		Groups B65G 11/02, B65G 11/023 and B65G 11/026 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/04		Group B65G 11/04 is incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/06		Groups B65G 11/06, B65G 11/063 and B65G 11/066 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/086, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/08		Groups B65G 11/08 – B65G 11/088 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/086, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B65G 11/10		Groups B65G 11/10, B65G 11/103 and B65G 11/106 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/12		Groups B65G 11/12, B65G 11/123 and B65G 11/126 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/083, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/14		Groups B65G 11/14, B65G 11/143 and B65G 11/146 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/082, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/16		Groups B65G 11/16, B65G 11/163 and B65G 11/166 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/18		Groups B65G 11/18, B65G 11/183 and B65G 11/186 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/081, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 11/20		Groups B65G 11/20, B65G 11/203 and B65G 11/206 are incomplete pending reclassification of documents from groups B65G 2812/08, B65G 2812/085, B65G 2812/087, and B65G 2812/088. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B65G 2812/08		Group B65G 2812/08 is no longer used for the classification of documents as of February 1, 2020. The content of this group is being reclassified into groups B65G 11/00 - B65G 11/206. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 2812/081		Group B65G 2812/081 is no longer used for the classification of documents as of February 1, 2020. The content of this group is being reclassified into groups B65G 11/00, B65G 11/18, B65G 11/183, and B65G 11/186. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 2812/082		Group B65G 2812/082 is no longer used for the classification of documents as of February 1, 2020. The content of this group is being reclassified into groups B65G 11/14, B65G 11/143, and B65G 11/146. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 2812/083		Group B65G 2812/083 is no longer used for the classification of documents as of February 1, 2020. The content of this group is being reclassified into groups B65G 11/12, B65G 11/123, and B65G 11/126. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 2812/085		Group B65G 2812/085 is no longer used for the classification of documents as of February 1, 2020. The content of this group is being reclassified into groups B65G 11/00 - B65G 11/206. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 2812/086		Group B65G 2812/086 is no longer used for the classification of documents as of February 1, 2020. The content of this group is being reclassified into groups B65G 11/06 - B65G 11/088. All groups listed in this Warning should be considered in order to perform a complete search.

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<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B65G 2812/087		Group B65G 2812/087 is no longer used for the classification of documents as of February 1, 2020. The content of this group is being reclassified into groups B65G 11/00 - B65G 11/206. All groups listed in this Warning should be considered in order to perform a complete search.
N	B65G 2812/088		Group B65G 2812/088 is no longer used for the classification of documents as of February 1, 2020. The content of this group is being reclassified into groups B65G 11/00 - B65G 11/206. All groups listed in this Warning 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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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>
B65G9/00	Informative references	B65G2812/18	Delete the table row.
B65G9/00	Informative references	B65G2812/182	Delete the table row.
B65G9/00	Informative references	B65G2812/184	Delete the table row.
B65G9/00	Informative references	B65G2812/186	Delete the table row.
B65G9/00	Informative references	B65G2812/188	Delete the table row.

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.

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3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
F	B65G 2812/08	B65G 11/00, B65G 11/02, B65G 11/023, B65G 11/026, B65G 11/04, B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088, B65G 11/10, B65G 11/103, B65G 11/106, B65G 11/12, B65G 11/123, B65G 11/126, B65G 11/14, B65G 11/143, B65G 11/146, B65G 11/16, B65G 11/163, B65G 11/166, B65G 11/18, B65G 11/183, B65G 11/186, B65G 11/20, B65G 11/203, B65G 11/206
F	B65G 2812/081	B65G 11/00, B65G 11/18, B65G 11/183, B65G 11/186
F	B65G 2812/082	B65G 11/14, B65G 11/143, B65G 11/146
F	B65G 2812/083	B65G 11/12, B65G 11/123, B65G 11/126
D	B65G 2812/084	<administrative transfer to B65G 11/00>
F	B65G 2812/085	B65G 11/00, B65G 11/02, B65G 11/023, B65G 11/026, B65G 11/04, B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088, B65G 11/10, B65G 11/103, B65G 11/106, B65G 11/12, B65G 11/123, B65G 11/126, B65G 11/14, B65G 11/143, B65G 11/146, B65G 11/16, B65G 11/163, B65G 11/166, B65G 11/18, B65G 11/183, B65G 11/186, B65G 11/20, B65G 11/203, B65G 11/206
F	B65G 2812/086	B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088
F	B65G 2812/087	B65G 11/00, B65G 11/02, B65G 11/023, B65G 11/026, B65G 11/04, B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088, B65G 11/10, B65G 11/103, B65G 11/106, B65G 11/12, B65G 11/123, B65G 11/126, B65G 11/14, B65G 11/143, B65G 11/146, B65G 11/16, B65G 11/163, B65G 11/166, B65G 11/18, B65G 11/183, B65G 11/186, B65G 11/20, B65G 11/203, B65G 11/206
F	B65G 2812/088	B65G 11/00, B65G 11/02, B65G 11/023, B65G 11/026, B65G 11/04, B65G 11/06, B65G 11/063, B65G 11/066, B65G 11/08, B65G 11/081, B65G 11/083, B65G 11/085, B65G 11/086, B65G 11/088, B65G 11/10, B65G 11/103, B65G 11/106, B65G 11/12, B65G 11/123, B65G 11/126, B65G 11/14, B65G 11/143, B65G 11/146, B65G 11/16, B65G 11/163, B65G 11/166, B65G 11/18, B65G 11/183, B65G 11/186, B65G 11/20, B65G 11/203, B65G 11/206
D	B65G 2812/18	<administrative transfer to B65G 9/00>
D	B65G 2812/182	<administrative transfer to B65G 9/002>
D	B65G 2812/184	<administrative transfer to B65G 9/004>
D	B65G 2812/186	<administrative transfer to B65G 9/006>
D	B65G 2812/188	<administrative transfer to B65G 9/008>

\* 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; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.

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- 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 (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B65G 2812/084		DELETE
B65G 2812/18		DELETE
B65G 2812/182		DELETE
B65G 2812/184		DELETE
B65G 2812/186		DELETE
B65G 2812/188		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.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.