

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	B32B	7/005
	B32B	7/045
Symbols New:	B32B	7/022
	B32B	7/023
	B32B	7/025
	B32B	7/027
	B32B	7/028
	B32B	7/03
	B32B	7/035
	B32B	7/05
	B32B	7/09
Titles Changed:	B32B	7/00
	B32B	7/02
	B32B	7/04
	B32B	7/06
	B32B	7/08
	B32B	7/10
	B32B	7/12
	B32B	7/14
Warnings New:	B32B	7/02
	B32B	7/022
	B32B	7/03
	B32B	7/035
	B32B	7/08
	B32B	7/09
DEFINITIONS:		
Definitions Deleted:	B32B	7/005
Definitions New:	B32B	7/03
	B32B	7/06
	B32B	7/09
	B32B	7/10
Definitions Modified:	B32B	7/00
	B32B	7/02
	B32B	7/12

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

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)

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**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</u> <u>Number of</u> <u>dots (e.g.</u> <u>0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	B32B 7/00	0	Layered products characterised by the relation between layers; Layered products characterised by the relative orientation of features between layers, or by the relative values of a measurable parameter between layers, i.e. products comprising layers having different physical, chemical or physicochemical properties; Layered products characterised by the interconnection of layers	
D	B32B 7/005	1	{in respect of orientation of features (B32B5/12 takes precedence)}	<administrative transfer to B32B7/03>
C	B32B 7/02	1	Physical, chemical or physicochemical properties	B32B7/02, B32B7/022, B32B7/023, B32B7/025, B32B7/027, B32B7/028
N	B32B 7/022	2	Mechanical properties	
N	B32B 7/023	2	Optical properties	
N	B32B 7/025	2	Electric or magnetic properties	
N	B32B 7/027	2	Thermal properties	
N	B32B 7/028	3	Heat-shrinkability	
Q	B32B 7/03	1	with respect to the orientation of features (direction of fibres or filaments B32B 5/12)	B32B7/03, B32B7/035
N	B32B 7/035	2	using arrangements of stretched films, e.g. of mono-axially stretched films arranged alternately	
M	B32B 7/04	1	Interconnection of layers	
D	B32B 7/045	2	{the layers being not connected over the whole surface, e.g. discontinuous connection, patterned connection (B32B7/14 takes precedence)}	<administrative transfer to B32B7/05>
N	B32B 7/05	2	the layers not being connected over the whole surface, e.g. discontinuous connection or patterned connection (using interposed adhesives or bonding materials applied in spaced arrangements B32B 7/14)	
M	B32B 7/06	2	permitting easy separation	

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

<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>
C	B32B 7/08	2	by mechanical means	B32B7/08, B32B7/09
N	B32B 7/09	3	by stitching, needling or sewing (by needling fibrous layers B32B 5/06)	
M	B32B 7/10	2	at least one layer having inter-reactive properties	
M	B32B 7/12	2	using interposed adhesives or interposed materials with bonding properties	
M	B32B 7/14	3	applied in spaced arrangements, e.g. in stripes	

*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; E= 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.

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

B. New, Modified or Deleted Warning(s)

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>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	B32B 7/02		Group B32B 7/02 is impacted by reclassification into groups B32B 7/022, B32B 7/023, B32B 7/025, B32B 7/027, and B32B 7/028. All groups listed in this Warning should be considered in order to perform a complete search.
N	B32B 7/022		Groups B32B 7/022, B32B7/023, B32B 7/025, B32B 7/027, and B32B 7/028 are incomplete pending reclassification of documents from group B32B 7/02. All groups listed in this Warning should be considered in order to perform a complete search.
N	B32B 7/03		Group B32B 7/03 is impacted by reclassification into group B32B 7/035. Groups B32B 7/03 and B32B 7/035 should be considered in order to perform a complete search.
N	B32B 7/035		Group B32B 7/035 is incomplete pending reclassification of documents from group B32B 7/03. Groups B32B 7/03 and B32B 7/035 should be considered in order to perform a complete search.
N	B32B 7/08		Group B32B 7/08 is impacted by reclassification into group B32B 7/09. Groups B32B 7/08 and B32B 7/09 should be considered in order to perform a complete search.
N	B32B 7/09		Group B32B 7/09 is incomplete pending reclassification of documents from group B32B 7/08. Groups B32B 7/08 and B32B 7/09 should be considered in order to perform a complete search.

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

*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.

2. A. DEFINITIONS (i.e., New or Modified)

Insert: The following new definitions.

B32B 7/03

Definition statement

This place covers:

This group covers layered products characterised by having two or more layers, one of which differs from another with respect to the orientation of features, e.g. the direction of one layer's corrugation or joints differs from that of another layer. The layers may be next to each other or separated by other layers.

Relationships with other classification places

If there is only one corrugated layer in a layered product, it is classified in [B32B 3/28](#) or [B32B 29/08](#).

References

Informative references

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

Layered products characterised by a layer comprising a deformed thin sheet, e.g. corrugated, crumpled	B32B 3/28
Corrugated paper or cardboard	B32B 29/08

DATE: JANUARY 1, 2019

PROJECT RP0564

B32B 7/06**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Adhesives in the form of films or foils having a release liner	C09J 7/40
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B32B 7/09**References****Limiting references***This place does not cover:*

Fibrous or filamentary layer mechanically connected, e.g. by needling, sewing, stitching, hydroentangling, hook-and-loop fastening to another layer, e.g. of fibres, of paper	B32B 5/06
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B32B 7/10**Definition statement***This place covers:*

This group covers layered products in which a pair of interconnected layers is bonded by one or both layers having inter-reactive properties, wherein neither layer of the interconnected pair comprises an adhesive – whether a coated adhesive, a tie layer, or a layer described as acting as an adhesive.

Insert: The following modified definition.

B32B 7/12

Insert: The following new Definition statement section.

Definition statement

This place covers:

This group covers layered products comprising an adhesive – whether a coated adhesive, a tie layer or a layer described as acting as an adhesive – inserted between two layers to bond them.

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

<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>
B32B 7/02	Definition statement	<p>Layered products with at least two layers having a different physical property, e.g. density, melting point, refractive index. Examples of this type of products are those comprising layers of:</p> <ul style="list-style-type: none"> • Hard and softwood, • High and low density PE, • Two nylons having different hardness, • Oriented PP and non-oriented PP, • Plasticized and non-plasticized PVC. 	<p>Replace the existing text with the following <u>new</u> text:</p> <p>This group covers layered products characterised by having two or more layers, one of which differs from another with respect to a physical property, e.g. density, melting point, refractive index. Examples of this type of product are those comprising layers of:</p> <ul style="list-style-type: none"> • Hard and soft wood, • High and low density PE, • Harder and softer nylon, • Oriented and non-oriented PP, • Plasticized and non-plasticized PVC.

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.

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	B32B7/005	<administrative transfer to B32B7/03>
C	B32B7/02	B32B7/02, B32B7/022, B32B7/023, B32B7/025, B32B7/027, B32B7/028
Q	B32B7/03	B32B7/03, B32B7/035
D	B32B7/045	<administrative transfer to B32B7/05>
C	B32B7/08	B32B7/08, B32B7/09

* 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.
- 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.

CPC NOTICE OF CHANGES 588

DATE: JANUARY 1, 2019

PROJECT RP0564

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
B32B 7/005		DELETE
B32B 7/022	B32B 7/022	NEW
B32B 7/023	B32B 7/023	NEW
B32B 7/025	B32B 7/025	NEW
B32B 7/027	B32B 7/027	NEW
B32B 7/028	B32B 7/028	NEW
B32B 7/03	B32B 7/03	NEW
B32B 7/035	B32B 7/035	NEW
B32B 7/045		DELETE
B32B 7/05	B32B 7/05	NEW
B32B 7/09	B32B 7/09	NEW

*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.