EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 916

DATE: AUGUST 1, 2020

PROJECT RP0383

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

Action	Subclass	Group(s)
SCHEME:		
Symbols New:	B32B	2264/1021, 2264/1022, 2264/1023, 2264/1024, 2264/1025, 2264/1026, 2264/1027, 2264/1051, 2264/1052, 2264/1053, 2264/1054, 2264/1055, 2264/1056, 2264/1057, 2264/1058, 2264/1059, 2264/20, 2264/201, 2264/202, 2264/203, 2264/2031, 2264/2032, 2264/204, 2264/30, 2264/301, 2264/302, 2264/303, 2264/304, 2264/305, 2264/306, 2264/3065, 2264/307, 2264/308, 2264/40, 2264/401, 2264/402, 2264/4021, 2264/403, 2264/50, 2264/501, 2264/502, 2264/503, 2264/504
Titles Changed:	B32B	2264/00, 2264/0228, 2264/0242, 2264/025, 2264/0257, 2264/10, 2264/101, 2264/102, 2264/104, 2264/105, 2264/107, 2264/108
DEFINITIONS:		
Definitions New:	B32B	2264/10

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)

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

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	B32B 2264/00	0	Composition or properties of particles which form a particulate layer or are present as additives	
M	B32B 2264/0228	3	Vinyl resin particles, e.g. polyvinyl acetate, polyvinyl alcohol polymers or ethylene-vinyl acetate copolymers	
M	B32B 2264/0242	4	Vinyl halide, e.g. PVC, PVDC, PVF or PVDF (co)polymers	
M	B32B 2264/025	3	Acrylic resin particles, e.g. polymethyl methacrylate or ethylene-acrylate copolymers	
M	B32B 2264/0257	3	Polyolefin particles, e.g. polyethylene or polypropylene homopolymers or ethylene-propylene copolymers	
M	B32B 2264/10	1	Inorganic particles	
M	B32B 2264/101	2	Glass	
M	B32B 2264/102	2	Oxide or hydroxide	
N	B32B 2264/1021	3	Silica	
N	B32B 2264/1022	3	Titania	
N	B32B 2264/1023	3	Alumina	
N	B32B 2264/1024	3	Zirconia	
N	B32B 2264/1025	3	Zinc oxide	
N	B32B 2264/1026	3	Mica	
N	B32B 2264/1027	3	Clay	
M	B32B 2264/104	2	Oxysalt, e.g. carbonate, sulfate, phosphate or nitrate particles	
M	B32B 2264/105	2	Metal	
N	B32B 2264/1051	3	Silver or gold	
N	B32B 2264/1052	3	Aluminum	
N	B32B 2264/1053	3	Alkali metal	
N	B32B 2264/1054	3	Alkaline earth metal	
N	B32B 2264/1055	3	Copper or nickel	

N	B32B 2264/1056	3	Iron or steel	
N	B32B 2264/1057	3	Chromium	
N	B32B 2264/1058	3	Titanium	
N	B32B 2264/1059	3	Zinc	
M	B32B 2264/107	2	Ceramic	
M	B32B 2264/108	3	Carbon, e.g. graphite particles	
U	B32B 2264/12	1	Mixture of at least two particles made of different materials	
N	B32B 2264/20	1	Particles characterised by shape	
N	B32B 2264/201	2	Flat or platelet-shaped particles, e.g. flakes	
N	B32B 2264/202	2	Solid spheres	
N	B32B 2264/203	2	Expanded, porous or hollow particles	
N	B32B 2264/2031	3	Porous particles	
N	B32B 2264/2032	3	Hollow spheres	
N	B32B 2264/204	2	Rod- or needle-shaped particles	
N	B32B 2264/30	1	Particles characterised by physical dimension	
N	B32B 2264/301	2	Average diameter smaller than 100 nm	
N	B32B 2264/302	2	Average diameter in the range from 100 nm to 1000 nm	
N	B32B 2264/303	2	Average diameter greater than 1µm	
N	B32B 2264/304	2	Particle length	
N	B32B 2264/305	2	Particle size distribution, e.g. unimodal size distribution	
N	B32B 2264/306	3	Multimodal particle size distribution	
N	B32B 2264/3065	4	bimodal size distribution	
N	B32B 2264/307	2	Surface area of particles	
N	B32B 2264/308	2	Aspect ratio of particles	
N	B32B 2264/40	1	Pretreated particles	
N	B32B 2264/401	2	with inorganic substances	
N	B32B 2264/402	2	with organic substances	
N	B32B 2264/4021	3	with silicon-containing compounds	
N	B32B 2264/403	2	coated or encapsulated	
N	B32B 2264/50	1	Particles characterised by their position or distribution in a layer	
N	B32B 2264/501	2	homogeneously distributed	
N	B32B 2264/502	2	distributed in a gradient manner	
N	B32B 2264/503	2	distributed in a predetermined pattern in a thickness direction	
N	B32B 2264/504	2	distributed in a predetermined pattern in a direction perpendicular to the thickness	

*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 <u>subclasses</u>, 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} <u>are</u> 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 <u>must</u> 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 finalization 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.

2. A. DEFINITIONS (new)

<u>Insert</u> the following <u>new</u> definition.

B32B 2264/10

Definition statement

This place covers:

Inorganic particles in compositions which form a particulate layer or being present as additives.

References

Informative references

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

Layered products comprising a layer of natural mineral particles	B32B 19/00

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

CPC	**IPC**	**Action***
B32B 2264/1021	CPCONLY	NEW
B32B 2264/1022	CPCONLY	NEW
B32B 2264/1023	CPCONLY	NEW
B32B 2264/1024	CPCONLY	NEW
B32B 2264/1025	CPCONLY	NEW
B32B 2264/1026	CPCONLY	NEW
B32B 2264/1027	CPCONLY	NEW
B32B 2264/1051	CPCONLY	NEW
B32B 2264/1052	CPCONLY	NEW
B32B 2264/1053	CPCONLY	NEW
B32B 2264/1054	CPCONLY	NEW
B32B 2264/1055	CPCONLY	NEW
B32B 2264/1056	CPCONLY	NEW
B32B 2264/1057	CPCONLY	NEW
B32B 2264/1058	CPCONLY	NEW
B32B 2264/1059	CPCONLY	NEW
B32B 2264/20	CPCONLY	NEW
B32B 2264/201	CPCONLY	NEW
B32B 2264/202	CPCONLY	NEW
B32B 2264/203	CPCONLY	NEW
B32B 2264/2031	CPCONLY	NEW
B32B 2264/2032	CPCONLY	NEW
B32B 2264/204	CPCONLY	NEW
B32B 2264/30	CPCONLY	NEW
B32B 2264/301	CPCONLY	NEW
B32B 2264/302	CPCONLY	NEW
B32B 2264/303	CPCONLY	NEW
B32B 2264/304	CPCONLY	NEW
B32B 2264/305	CPCONLY	NEW
B32B 2264/306	CPCONLY	NEW
B32B 2264/3065	CPCONLY	NEW
B32B 2264/307	CPCONLY	NEW
B32B 2264/308	CPCONLY	NEW
B32B 2264/40	CPCONLY	NEW
B32B 2264/401	CPCONLY	NEW
B32B 2264/402	CPCONLY	NEW
B32B 2264/4021	CPCONLY	NEW
B32B 2264/403	CPCONLY	NEW
B32B 2264/50	CPCONLY	NEW
B32B 2264/501	CPCONLY	NEW

DATE: AUGUST 1, 2020

PROJECT RP0383

CPC	**IPC**	**Action***
B32B 2264/502	CPCONLY	NEW
B32B 2264/503	CPCONLY	NEW
B32B 2264/504	CPCONLY	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.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.