

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1073

DATE: MAY 1, 2021

PROJECT RP0563

**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 New:	C04B	12/007
	C04B	22/00863, 22/00867
Titles Changed:	C04B	26/285
Warnings New:	C04B	12/00, 12/007
	C04B	22/0086, 22/00863, 22/00867
	C04B	26/28, 26/285
Definitions Modified:	C04B	24/38, 24/383

**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 1073

DATE: MAY 1, 2021

PROJECT RP0563

## 1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

**SUBCLASS C04B - LIME, MAGNESIA; SLAG; CEMENTS; COMPOSITIONS THEREOF, e.g. MORTARS, CONCRETE OR LIKE BUILDING MATERIALS; ARTIFICIAL STONE {(roofing granules E04D 7/005)}; CERAMICS (devitrified glass-ceramics C03C 10/00); REFRACTORIES; TREATMENT OF NATURAL STONE**

<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<sup>#</sup></u>
C	C04B12/00	0	Cements not provided for in groups C04B 7/00 - C04B 11/00	C04B12/00, C04B12/007
U	C04B12/005	1	{Geopolymer cements, e.g. reaction products of aluminosilicates with alkali metal hydroxides or silicates }	
N	C04B12/007	1	{Non-hydraulic cements containing low lime calcium silicate phases, e.g. wollastonite, pseudowollastonite, rankinite or cements curable in the presence of CO <sub>2</sub> }	
C	C04B22/0086	1	{Seeding materials }	C04B22/0086, C04B22/00863, C04B22/00867
N	C04B22/00863	2	{Calcium silicate hydrate }	
N	C04B22/00867	2	{Ettringite }	
C	C04B26/285	3	{Cellulose or derivatives thereof (C04B26/24 takes precedence)}	C04B26/28, C04B26/285

\*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.

## CPC NOTICE OF CHANGES 1073

DATE: MAY 1, 2021

### PROJECT RP0563

- 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 1073

DATE: MAY 1, 2021

PROJECT RP0563

B. New, Modified or Deleted Warning(s)

**SUBCLASS C04B - LIME, MAGNESIA; SLAG; CEMENTS; COMPOSITIONS THEREOF, e.g. MORTARS, CONCRETE OR LIKE BUILDING MATERIALS; ARTIFICIAL STONE {(roofing granules E04D 7/005)}; CERAMICS (devitrified glass-ceramics C03C 10/00); REFRACTORIES; TREATMENT OF NATURAL STONE**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
N	C04B 12/00		Group C04B 12/00 is impacted by reclassification into group C04B 12/007. Groups C04B 12/00 and C04B 12/007 should be considered in order to perform a complete search.
N	C04B 12/007		Group C04B 12/007 is incomplete pending reclassification of documents from group C04B 12/00. Groups C04B 12/00 and C04B 12/007 should be considered in order to perform a complete search.
N	C04B 22/0086		Group C04B 22/0086 is impacted by reclassification into groups C04B 22/00863 and C04B 22/00867. Groups C04B 22/0086, C04B 22/00863 and C04B 22/00867 should be considered in order to perform a complete search.
N	C04B 22/00863		Group C04B 22/00863 is incomplete pending reclassification of documents from group C04B 22/0086. Groups C04B 22/0086 and C04B 22/00863 should be considered in order to perform a complete search.
N	C04B 22/00867		Group C04B 22/00867 is incomplete pending reclassification of documents from group C04B 22/0086. Groups C04B 22/0086 and C04B 22/00867 should be considered in order to perform a complete search.
N	C04B 26/28		Group C04B 26/28 is incomplete pending reclassification of documents from group C04B 26/285. Groups C04B 26/285 and C04B 26/28 should be considered in order to perform a complete search.
N	C04B 26/285		Group C04B 26/285 is impacted by reclassification into group C04B 26/28. Groups C04B 26/285 and C04B 26/28 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.

DATE: MAY 1, 2021

PROJECT RP0563

## 2. A. DEFINITIONS (modified)

C04B24/38

### Definition statement

Replace: The existing text in the “Definition statement” section with the following updated text.

Polysaccharides or derivatives thereof used as active ingredients for mortars, concrete or artificial stone. Examples include:

- ARABIC GUM, GUM ACACIA;
- GALACTO-MANNAN, GUAR GUM, GLUCO-MANNAN;
- AGAR AGAR;
- TANNIN = TANNIC ACID;
- GUM GHATTI, LOCUST BEAN GUM = CAROB BEAN GUM;
- CAROB FRUIT;
- INULIN;
- WELAN GUM;
- FRENCH CEMENT = gum arabic + powdered starch;
- ALGINATES, GLYCOGEN, PECTINE; CHITOSAN; DEXTRAN;
- XANTHOMANOS GUM = XANTHAN GUM;
- SCLEROGLUCAN, CURDLAN, PULLULAN;
- STARCH;
- DEXTRIN

### Limiting references

Delete: The following reference from the existing “Limiting references” table.

Polyethers	<a href="#">C04B 24/32</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:*

Polyethers	<a href="#">C04B 24/32</a>
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DATE: MAY 1, 2021

PROJECT RP0563

### **Synonyms and Keywords**

Replace: The existing text in the “Synonyms and Keywords” section with the following updated text.

*In patent documents, the following words/expressions are often used as synonyms:*

- Johannesbrood, carob fruit
- Inulin, polyvructhensuiker

### **C04B24/383**

#### **Definition statement**

Replace: The entire existing text in the “Definition statement” section with the following updated text.

Cellulose or derivatives thereof used as active ingredients for mortars, concrete or artificial stone. Examples include:

- CELLULOSE; CARBOXY METHYL CELLULOSE CMC;
- HYDROXY ETHYL CELLULOSE HEC;
- METHYL HYDROXY ETHYL CELLULOSE MHEC;
- HEMICELLULOSE = KARAYA GUM = PENTASANE = GALACTON-GELOSE;
- REGENERATED CELLULOSE;
- CELLULOSE ETHERS;
- VISCOSE; TRAGANTH

CPC NOTICE OF CHANGES 1073

DATE: MAY 1, 2021

PROJECT RP0563

3. REVISION CONCORDANCE LIST (RCL)

<u>Type*</u>	<u>From CPC Symbol (existing)</u>	<u>To CPC Symbol(s)</u>
C	C04B 12/00	C04B 12/00, C04B 12/007
C	C04B 22/0086	C04B 22/0086, C04B 22/00863, C04B 22/00867
C	C04B 26/285	C04B 26/28, C04B 26/285

\* 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 1073

DATE: MAY 1, 2021

PROJECT RP0563

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
C04B 12/007	C04B 12/00	NEW
C04B 22/00863	C04B 22/00	NEW
C04B 22/00867	C04B22/00	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.